

Filamentous fungi

Absidia caerulea Bainier 1889

F-627 <-- INMI, VKM F-627 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 810. Received as: Tieghemella coerulea. Synonym: Tieghemella coerulea (Bainier 1889) Naumov 1935. (513.88). USSR. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1, S-5). ([5134](#), [5378](#), [7124](#), [8958](#))

Absidia caerulea Bainier 1889

F-833 <-- INMI, VKM F-833 <- MW. Received as: Absidia orchidis. Synonym Absidia orchidis (Vuillemin 1903) Hagem 1908. MT+. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([8090](#), [2215](#), [5134](#), [5378](#), [5604](#), [7124](#), [8253](#), [8958](#))

Absidia caerulea Bainier 1889

F-834 <-- INMI, VKM F-834 <- MW. Received as: Absidia orchidis. Synonym Absidia orchidis (Vuillemin 1903) Hagem 1908. MT-. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([2215](#), [5134](#))

Absidia caerulea Bainier 1889

F-858 <-- INMI, VKM F-858 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 14. Received as: Absidia coerulea. MT+. Ex: forest soil. Republic of Crimea. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([394](#), [1402](#), [1491](#), [2195](#), [2232](#), [2735](#), [4180](#), [4207](#), [4935](#), [5134](#))

Absidia caerulea Bainier 1889

F-859 <-- INMI, VKM F-859 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 339-1660. Received as: Absidia coerulea. Synonym Absidia orchidis (Vuillemin 1903) Hagem 1908. MT-. Ex: peat. Zhitomir Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([394](#), [1402](#), [1491](#), [1604](#), [2195](#), [2229](#), [2232](#), [2735](#), [4180](#), [4206](#), [4935](#))

Absidia cuneospora G.F. Orr et Plunkett 1959

F-784 <-- INMI, VKM F-784 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51380. Received as: Absidia cuneospora. Ex: soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([2232](#), [5134](#))

Absidia cylindrospora Hagem 1908

F-1632 <-- INMI, VKM F-1632 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 13605. Received as: Absidia cylindrospora. Ex: soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([7124](#), [8958](#))

Absidia cylindrospora Hagem 1908

F-2428 <-- IBPM, IBPM F-1632 <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia <- VIZR. Received as: Tieghemella

cylindrospora. Synonym Tieghemella cylindrospora (Hagem 1908) Naumov 1935. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([7124](#), [8958](#))

Absidia glauca Hagem 1908

F-628 <-- INMI, VKM F-628 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3326. Received as: Tieghemella spinosa. Other name: Tieghemella spinosa (Lendner 1907) Naumov 1915. USSR. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([5134](#))

Absidia glauca Hagem 1908

F-630 <-- INMI, VKM F-630 <- Eroshin V.K. IBPM <- DMA MSU. Received as: Tieghemella tieghemii. Other name: Tieghemella tieghemii (K.N. Deckenbach 1896) Naumov 1935. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1)

Absidia glauca Hagem 1908

F-631 <-- INMI, VKM F-631 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 507. Received as: Tieghemella tieghemii. Other name: Tieghemella tieghemii (K.N. Deckenbach 1896) Naumov 1935. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1, S-5). ([5134](#))

Absidia glauca Hagem 1908

F-632 <-- INMI, VKM F-632 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1835. Received as: Tieghemella tieghemii. Other name: Tieghemella tieghemii (K.N. Deckenbach 1896) Naumov 1935. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1, S-5)

Absidia glauca Hagem 1908

F-635 <-- INMI, VKM F-635 <- Eroshin V.K. IBPM <- DMA MSU, 482. Received as: Tieghemella tieghemii. Other name: Tieghemella tieghemii (K.N. Deckenbach 1896) Naumov 1935. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1)

Absidia glauca Hagem 1908

F-1273 <-- INMI, VKM F-1273 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2095. Received as: *Absidia glauca*. (VKM F-634). USSR. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([2232](#))

Absidia glauca Hagem 1908

F-1633 <-- INMI, VKM F-1633 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 124000. Received as: *Absidia glauca*. MT-. Ex: soil. Coniferous forest. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([5134](#))

Absidia repens van Tieghem 1878

F-1423 <-- INMI, VKM F-1423 <- CMI, IMI 20746. Received as: *Absidia repens*.

(IMI 020746). New Zealand. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([1365](#), [2232](#))

Absidia spinosa Lendner 1907

F-629 <-- INMI, VKM F-629 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3375. Received as: *Tieghemella spinosa*. Synonym: *Tieghemella spinosa* (Lendner 1907) Naumov 1935. USSR. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Absidia spinosa Lendner 1907

F-967 <-- INMI, VKM F-967 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20910-26. Received as: *Absidia spinosa*. Ex: soil. Donetsk Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([5134](#))

Achlya americana Humphrey 1893

F-1789 <-- INMI, VKM F-1789 <- ATCC, ATCC 14565. Received as: *Achlya americana*. (APCC 1501d; ATCC 14565; IMI 344321). Ex: forest soil. North Carolina. USA. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([412](#))

Achlya bisexualis Coker et Couch 1927

F-1796 <-- INMI, VKM F-1796 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3F. Received as: *Achlya bisexualis*. MT-. Ex: decaying acorn. Pond. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([412](#))

Achlya bisexualis Coker et Couch 1927

F-1798 <-- INMI, VKM F-1798 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 398. Received as: *Achlya bisexualis*. MT+. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, S-4, S-5). ([412](#))

Achlya bisexualis Coker et Couch 1927

F-1799 <-- INMI, VKM F-1799 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 12F. Received as: *Achlya bisexualis*. MT-. Ex: decaying branch. Pond. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-11, S-4, S-5)

Achlya bisexualis Coker et Couch 1927

F-1800 <-- INMI, VKM F-1800 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 172. Received as: *Achlya bisexualis*. MT-. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, S-4, S-5). ([412](#))

Achlya bisexualis Coker et Couch 1927

F-1812 <-- INMI, VKM F-1812 <- CMI, IMI 146647. Received as: *Achlya bisexualis*. MT+. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5). ([412](#))

Achlya bonariensis Beroqui 1969

F-1912 Öype <-- INMI, VKM F-1912 <- ATCC, ATCC 22407. Received as: *Achlya bonariensis*. (ATCC 22407). Ex: water. Lake. Argentina. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([412](#), [458](#))

Achlya colorata Pringsheim 1882

F-1899 <-- INMI, VKM F-1899 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3955. Received as: *Achlya colorata*. (APCC 1001h; IMI 344328). Ex: decaying branch. Dnepr River. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, S-4, S-5). ([412](#))

Achlya colorata Pringsheim 1882

F-1900 <-- INMI, VKM F-1900 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3957. Received as: *Achlya colorata*. Ex: decaying branch. Pond. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([412](#))

Achlya debaryana Humphrey 1893

F-1904 <-- INMI, VKM F-1904 <- CMI, IMI 161801. Received as: *Achlya debaryana*. (IMI 161801). Ex: sludge. Vikarabad. India. Risk group: no. (Medium [11](#), 25°C, S-4, S-5). ([412](#), [8100](#))

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-1914 <-- INMI, VKM F-1914 <- ATCC, ATCC 16111. Received as: *Achlya diffusa*. (ATCC 16111). Ex: soil baited with hempseeds. Maryland. USA. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([412](#))

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-1964 <-- INMI, VKM F-1964 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2221. Received as: *Achlya diffusa*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5)

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-1965 <-- INMI, VKM F-1965 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2230. Received as: *Achlya diffusa*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, S-4, S-5)

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-1966 <-- INMI, VKM F-1966 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2232. Received as: *Achlya diffusa*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5)

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-1967 <-- INMI, VKM F-1967 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine, 2254. Received as: *Achlya diffusa*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5)

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-1968 <-- INMI, VKM F-1968 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2257. Received as: *Achlya diffusa*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5)

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-1969 <-- INMI, VKM F-1969 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2258. Received as: *Achlya diffusa*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, C-11, S-4, S-5). ([412](#))

Achlya diffusa J.V. Harvey 1942 ex T.W. Johnson 1956

F-2002 <-- INMI, VKM F-2002 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2234. Received as: *Achlya diffusa*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([412](#))

Achlya echinulata Beroqui 1969

F-1913 Òype <-- INMI, VKM F-1913 <- ATCC, ATCC 22408. Received as: *Achlya echinulata*. (ATCC 22408). Ex: water. Lake. Argentina. Risk group: no. (Medium [11](#), 25°C, S-4, S-5). ([412](#), [458](#))

Achlya heterosexualis Whiffen-Barksdale 1965

F-1793 Isotype <-- INMI, VKM F-1793 <- ATCC, ATCC 16938. Received as: *Achlya heterosexualis*. MT+. (APCC 1509a; ATCC 16938; CBS 419.65; IMI 344325). Ex: water. Lake, Harriman State Park. New York. USA. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([401](#), [412](#), [456](#))

Achlya heterosexualis Whiffen-Barksdale 1965

F-1794 Isotype <-- INMI, VKM F-1794 <- ATCC, ATCC 16939. Received as: *Achlya heterosexualis*. MT-. (APCC 1509b; ATCC 16939; CBS 420.65; IMI 344326). Ex: water. Lake, Harriman State Park. New York. USA. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([412](#), [456](#), [601](#), [4117](#))

Achlya intricata Beneke 1948

F-1907 <-- INMI, VKM F-1907 <- CBS, CBS 106.50. Received as: *Achlya intricata*. (APCC 1209b; CBS 106.50; IMI 308038). Ex: water. Pond in forest. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([412](#))

Achlya klebsiana Pieters 1915

F-1886 <-- INMI, VKM F-1886 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1543. Received as: *Achlya klebsiana*. Ex: water. Volga River. Tver Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5)

Achlya sparrowii Reischer 1949

F-2217 Òype <-- CBS, CBS 102.49. Received as: Achlya sparrowii. (APCC 1004c; CBS 102.49; IMI 308063). Risk group: no. (Medium [11](#), 25°C, C-11, S-4, S-5). ([412](#))

Acidomyces acidophilus (Sigler et J.W. Carmichael 1974) Selbmann et al. 2008

F-4875 <-- UIB, IB G-85. Received as: Acidomyces acidophilus. Ex: snottide (acidic biofilm). Sheki-Khyeh cave. Chechen Republic. Russia. Risk group: no. (Medium [25](#), 25°C, F-1, K-8).

Acladium curvatum Bonorden 1851

F-2736 <-- Rudakov O.L. INMI, VKM MF-135. Received as: Acladium curvatum. Ex: fungus, Xeromphalina campanella. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#))

Acremonium alternatum Link 1809

F-2726 <-- Rudakov O.L. INMI, VKM MF-119. Received as: Acremonium arxii. Ex: fungus, Puccinia coronata var. avenae. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1368](#), [2068](#))

Acremonium alternatum Link 1809

F-2845 <-- Rudakov O.L. INMI, VKM MF-521 <- CBS, CBS 381.70. Received as: Acremonium alternatum. (CBS 381.70 A). Ex: fungus, Tubercularia vulgaris on Acer **sp.** Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([7353](#))

Acremonium alternatum Link 1809

F-3027 <-- DSB MSU, 377 <- Department of Cotton Genetics Tajikistan Academy of Sciences, Dushanbe, Tajikistan, 1. Received as: Verticillium dahliae. Other name: Verticillium dahliae Klebahn 1913. Ex: soil, typical sieroze. Cotton field. Tajikistan. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([6766](#), [8258](#))

Acremonium arxii W. Gams 1971

F-1772 <-- INMI, VKM F-1772 <- Milko A.A., 4461. Received as: Verticillium **sp.** Ex: bog. Treeless place. Chernigov Region, Olishevka. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, S-5)

Acremonium arxii W. Gams 1971

F-2717 <-- Rudakov O.L. INMI, VKM MF-99. Received as: Acremonium alternatum. Ex: fungus, Phytophthora infestans on Solanum tuberosum leaf. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2068](#), [3068](#), [5378](#), [5604](#))

Acremonium atrogriseum (Panassenko 1964) W. Gams 1971

F-908 Type <-- INMI, VKM F-908 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 539. Received as: Phaeoscopulariopsis atrogrisea. Synonym: Phaeoscopulariopsis atrogrisea Panassenko 1964 Type strain. (ATCC 18354 Phaeoscopulariopsis atrogrisea; CBS 604.67; IMI 129963). Ex: noodles. Kharkov. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([553](#), [1355](#))

Acremonium atrogriseum (Panassenko 1964) W. Gams 1971

F-3922 <-- Aleksandrova A.V. DMA MSU, Cm25. Ex: *Clethrionomys glareolus*, fur. Complexed fir-grove. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acremonium bactrocephalum W. Gams 1971

F-2847 Òype <-- Rudakov O.L. INMI, VKM MF-523 <- CBS, CBS 749.69. Received as: *Acremonium bactrocephalum*. (CBS 749.69; DAOM 91488). Ex: fungus, *Ustilago sp.* Manitoba. Canada. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([1355](#))

Acremonium biseptum W. Gams 1971

F-2899 Òype <-- Rudakov O.L. INMI, VKM MF-524 <- CBS, CBS 750.69. Received as: *Acremonium biseptum*. (CBS 750.69). Ex: soil. Wheat field. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([8090](#), [1355](#), [5378](#), [5604](#))

Acremonium breve (Sukapure et Thirumalachar 1966) W. Gams 1971

F-939 <-- INMI, VKM F-939 <- National Research Center of Antibiotics, Moscow, Russia, RIA 72B. Received as: *Cephalosporium roseum*. (CBS 440.66; RIA 72B). Ex: meadow soil. Kazakhstan. Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5). ([1355](#), [2232](#))

Acremonium breve (Sukapure et Thirumalachar 1966) W. Gams 1971

F-940 <-- INMI, VKM F-940 <- Bekker Z.E. DMA MSU. Received as: *Cephalosporium roseum*. (CBS 114.70). Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1355](#))

Acremonium cereale (P. Karsten 1887) W. Gams 1971

F-1542 <-- INMI, VKM F-1542 <- The University of Newcastle upon Tyne, UK, G-23. Received as: *Gliomastix cerealis*. Synonym: *Gliomastix cerealis* (P. Karsten 1887) C.H. Dickinson 1968. Ex: soil. Ireland. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([5378](#), [5604](#))

Acremonium charticola (J. Lindau 1907) W. Gams 1971

F-1470 <-- INMI, VKM F-1470 <- LWP, 220. Received as: *Cephalosporium sp.* Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Acremonium charticola (J. Lindau 1907) W. Gams 1971

F-3546 <-- Egorova A.V., Velikanov L.L. DMA MSU, 46. Received as: *Acremonium charticola*. Ex: thermal landscape soil. Weet thermal landscape, caldera, Uson Volcano, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6766](#), [8258](#))

Acremonium charticola (J. Lindau 1907) W. Gams 1971

F-3553 <-- Egorova A.V., Velikanov L.L. DMA MSU, 91. Received as: *Acremonium charticola*. Ex: soddy-medium podzolic sandy soil on river alluvium. Floodplain meadow, potato field, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, S-5)

Acremonium charticola (J. Lindau 1907) W. Gams 1971

F-4769 <-- Ponizovskaya V.B. DMA MSU. Received as: *Acremonium charticola*. Ex: plaster. Indoor, Cathedral of the Nativity of the Blessed Virgin, Bogolyubsky Monastery. Vladimir Region, Suzdal District, Bogoliubovo. Russia. DNA sequences: LT598643. Risk group: 4. (Medium [11](#), 25°C, S-5, F-1, C-8). ([5386](#))

Acremonium chrysogenum (Thirumalachar et Sukapure 1963) W. Gams 1971

F-3872 <-- Bartoshevich Yu.E., Domracheva A.G. Bioengineering Laboratory of antibiotics, Bioengineering Center of the Russian Academy of Sciences, Moscow, Russia <- ATCC, ATCC 11550. (ATCC 11550; IAM 14645; CBS 779.69; DSM 880; IMI 049137; MUCL 16146; VNIIA 224A). Ex: see water. Sardinia Island. Italy. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6766](#), [8258](#))

Acremonium crotoconigenum (Schol-Schwarz 1965) W. Gams 1971

F-2728 <-- Rudakov O.L. INMI, VKM MF-121. Received as: *Acremonium crotoconigenum*. Ex: fungus, *Fomes fomentarius*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Acremonium crotoconigenum (Schol-Schwarz 1965) W. Gams 1971

F-2779 <-- Rudakov O.L. INMI, VKM MF-278. Received as: *Acremonium crotoconigenum*. Ex: fungus, *Polyporus sp.* Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acremonium crotoconigenum (Schol-Schwarz 1965) W. Gams 1971

F-2849 <-- Rudakov O.L. INMI, VKM MF-527 <- CBS, CBS 215.70. Received as: *Acremonium crotoconigenum*. (CBS 215.70). Ex: fungus, *Polyporus squamosus*. Styal Woods. England, Cheshire, Styal. UK. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1355](#))

Acremonium crotoconigenum (Schol-Schwarz 1965) W. Gams 1971

F-2850 <-- Rudakov O.L. INMI, VKM MF-528 <- CBS, CBS 408.70. Received as: *Acremonium crotoconigenum*. (CBS 408.70 B). Ex: fungus, *Heterobasidion annosum* on *Betula sp.* Baarn, Groeneveld. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Acremonium cymosum W. Gams 1971

F-2829 <-- Rudakov O.L. INMI, VKM MF-456. Received as: *Acremonium cymosum*. Ex: fungus, *Fomes fomentarius*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#))

Acremonium cymosum W. Gams 1971

F-3543 <-- Egorova A.V., Velikanov L.L. DMA MSU, 17. Received as: *Acremonium cymosum*. Ex: soil. Weet thermal landscape, caldera, Uson Volcano, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, S-5)

Acremonium domschii W. Gams 1971

F-2819 <-- Rudakov O.L. INMI, VKM MF-438. Received as: *Acremonium*

domschii. Ex: fungus, Ascochyta pisi on Pea **sp.** Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Acremonium egyptiacum (J.F.H. Beyma 1933) W. Gams 1971

F-199 <-- INMI, VKM F-199 <- CBS. Received as: Oospora egyptiaca. Synonym: Oospora egyptiaca J.F.H. Beyma 1933. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Acremonium hyalinulum (Saccardo 1878) W. Gams 1971

F-2704 <-- Rudakov O.L. INMI, VKM MF-77. Received as: Oospora hyalinula. Synonym: Oospora hyalinula (Saccardo 1878) Saccardo 1881. Ex: fungus, Alternaria alternata. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#))

Acremonium hyalinulum (Saccardo 1878) W. Gams 1971

F-3896 <-- Spirina E.V. Received as: Acremonium hyalinulum. Ex: permafrost, hole 2/89, depth 47,50 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1)

Acremonium implicatum (J.C. Gilman et E.V. Abbott 1927) W. Gams 1975

F-174 <-- INMI, VKM F-174 <- CBS, CBS 217.35. Received as: Monilia implicata. Synonym: Monilia implicata J.C.Gilman et E.V.Abbott 1927. (CBS 217.35; MUCL 9939). Ex: soil. Republic of Egypt. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Acremonium implicatum (J.C. Gilman et E.V. Abbott 1927) W. Gams 1975

F-2042 <-- INMI, VKM F-2042 <- TUB. Received as: Paecilomyces terricola. Synonym Fusidium terricola J.H.Miller et al. 1957 Type strain, Paecilomyces terricola (J.H.Miller et al. 1957) Onions et G.L.Barron 1967 Type strain, Acremonium terricola (J.H.Miller et al. 1957) W.Gams 1971 Type strain, Monilia implicata Gilman et Abbott 1927. (ATCC 13215; CBS 243.59; IAM 14651; IMI 100712; MUCL 4112; QM 772). Ex: forest soil. Georgia, Clarke County. USA. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#))

Acremonium implicatum (J.C. Gilman et E.V. Abbott 1927) W. Gams 1975

F-2857 <-- Rudakov O.L. INMI, VKM MF-540 <- CBS, CBS 787.69. Received as: Acremonium implicatum. Synonym Acremonium terricola (J.H. Miller et al 1957) W.Gams 1971. (CBS 787.69). Ex: fungus, Puccinia graminis on Lolium temulentum, teleutosorus. Perugia. Italy. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2068](#))

Acremonium incrustatum W. Gams 1971

F-2715 <-- Rudakov O.L. INMI, VKM MF-95. Received as: Acremonium incrustatum. Ex: fungus, Agaricus bisporus. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3068](#))

Acremonium incrustatum W. Gams 1971

F-2891 Holotype <-- Rudakov O.L. INMI, VKM MF-530 <- CBS, CBS 159.70. Received as: Acremonium incrustatum. (CBS 159.70; CBS CBS H-6646). Ex: fungus,

Armillaria mellea, rhizomorph. Texel Island. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1355](#))

Acremonium kiliense Gruetz 1925

F-637 <-- INMI, VKM F-637 <- Zavarzina N.B. INMI, 70. Received as: Cephalosporium **sp.** (CBS 377.70C). Ex: oil area soil. Republic of Bashkortostan. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([1355](#), [4117](#))

Acremonium kiliense Gruetz 1925

F-1459 <-- INMI, VKM F-1459 <- LWP, 132. Received as: Cephalosporium acremonium. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Acremonium kiliense Gruetz 1925

F-3437 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, PSn-KR91. Received as: Acremonium charticola (J.Lindau 1908) W.Gams 1971. Ex: Pealius setosus (Homoptera, Aleurodinea) on leaf Rubus **sp.**, nymph body surface. Gorge Rushavi-Chele, Kintrishi Reserve. Adjara, near Tzkhemuani. Georgia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acremonium lichenicola W. Gams 1971

F-2851 <-- Rudakov O.L. INMI, VKM MF-531 <- CBS, CBS 776.69. Received as: Acremonium lichenicola. (CBS 776.69). Ex: fungus, Bulgaria inquinans, on bark of Quercus **sp.** Kr. Plon, Schuttbrehm. Germany. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1355](#))

Acremonium persicinum (Nicot 1958) W. Gams 1971

F-888 <-- INMI, VKM F-888 <- National Research Center of Antibiotics, Moscow, Russia, RIA 71B. Received as: Cephalosporium acremonium. (CBS 439.66; RIA 71B). Ex: meadow soil. Kyrgyzstan. Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5). ([1355](#))

Acremonium persicinum (Nicot 1958) W. Gams 1971

F-1335 <-- INMI, VKM F-1335 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 140. Received as: Cephalosporium roseogriseum S.B. Saksena 1956. (CBS 378.70B). Ex: soil. Armenia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1355](#))

Acremonium polychromum (J.F.H. Beyma 1928) W. Gams 1971

F-214 \checkmark type <-- INMI, VKM F-214 <- CBS, CBS 181.27. Received as: Oospora polychroma. Synonym: Oospora polychroma J.F.H. Beyma 1928, Scopulariopsis baarnensis F.J. Morton et G. Smith 1963. (CBS 181.27; IMI 62332; MUCL 9834). Ex: Hevea brasiliensis, bark. Sumatra Island. Indonesia. Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5)

Acremonium polychromum (J.F.H. Beyma 1928) W. Gams 1971

F-2900 <-- Rudakov O.L. INMI, VKM MF-533 <- CBS, CBS 151.26. Received as: Acremonium polychromum. Synonym Periconia tenuissima Peck 1893 var. nigra Redaelli 1925 Type strain. Other name: Gliomastix convoluta (Harz

1871) E.W. Mason 1941; Gliomastix murorum (Corda 1838) S. Hughes 1958. (CBS 151.26; MUCL 9405). Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([1355](#))

Acremonium potronii Vuillemin 1910

F-4645 <-- Grum-Grzhimaylo O.A. BBS MSU. Ex: deep sludge, depth 0,1 m. Littoral zone of the fresh-marine lake, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JX535066; JX535067. Risk group: 4. (Medium [9](#), 18°C, C-8, F-1, S-5)

Acremonium rutilum W. Gams 1971

F-2853 <-- Rudakov O.L. INMI, VKM MF-534 <- CBS, CBS 227.70. Received as: *Acremonium rutilum*. (CBS 227.70). Ex: Tussilago farfara, leaf infected by Puccinia poarum. Schleswig-Holstein, Kiel-Kitzeberg. Germany. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([2068](#), [5378](#), [5604](#))

Acremonium sclerotigenum (Moreau et R. Moreau 1941 ex Valenta 1948) W. Gams 1971

F-2854 <-- Rudakov O.L. INMI, VKM MF-535 <- CBS, CBS 149.55. Received as: *Acremonium sclerotigenum*. (ATCC 22615; CBS 149.55). Ex: fungus, Puccinia recondita, uredospores. Braunschweig. Germany. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Acremonium sclerotigenum (Moreau et R. Moreau 1941 ex Valenta 1948) W. Gams 1971

F-2855 <-- Rudakov O.L. INMI, VKM MF-537 <- CBS, CBS 453.70. Received as: *Acremonium sclerotigenum*. (CBS 453.70). Ex: fungus, Tuber **sp.** Baarn. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1355](#))

Acremonium sclerotigenum (Moreau et R. Moreau 1941 ex Valenta 1948) W. Gams 1971

F-3576 <-- VKM IBPM, VKM FW-1070 <- Rudakov O.L. INMI, VKM MF-536 <- CBS, CBS 134.58. Received as: *Acremonium sclerotigenum*. (CBS 134.58). Ex: Cucumis sativus, together with Drechslera catenaria. Polluted ground. Wageningen. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acremonium sp.

F-3434 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, TVi-MR(Mf)81. Received as: *Acremonium sp.* Ex: Trialeurodes vaporariorum (Homoptera, Aleyrodidae), infected by fungus, dead body surface, on leaf Cucumis sativus, imago. Hothouse of State Farm Marfino. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acremonium strictum W. Gams 1971

F-636 <-- INMI, VKM F-636 <- Zavarzina N.B. INMI. Received as: Cephalosporium **sp.** (CBS 376.70M). Ex: oil area soil on ozokerit limestone. Republic of Bashkortostan. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([1355](#), [4117](#))

Acremonium strictum W. Gams 1971

F-936 <-- INMI, VKM F-936 <- National Research Center of Antibiotics, Moscow, Russia, RIA 192A. Received as: Cephalosporium subverticillatum Schulzer et Saccardo 1884. (CBS 376.70E; RIA 192A). Russia. Risk group: 4.

(Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1355](#))

Acremonium strictum W. Gams 1971

F-1336 <-- INMI, VKM F-1336 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 956. Received as: *Cephalosporium acremonium*. (CBS 376.70L). Ex: forest soil. Republic of Crimea. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([8090](#), [1355](#), [2068](#), [5378](#), [5604](#))

Acremonium strictum W. Gams 1971

F-1763 <-- INMI, VKM F-1763 <- Novobranova T.I. DMA MSU, 752. Received as: *Tilachlidium medietatis*. Synonym *Tilachlidium medietatis* Novobranova 1972 Isotype strain. Ex: apple, core. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([149](#))

Acremonium strictum W. Gams 1971

F-1817 <-- INMI, VKM F-1817 <- Novobranova T.I. DMA MSU, 955. Received as: *Tilachlidium medietatis*. Synonym *Tilachlidium medietatis* Novobranova 1972 Isotype strain. (ATCC 24726; IMI 174725). Ex: apple. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([149](#))

Acremonium strictum W. Gams 1971

F-1818 <-- INMI, VKM F-1818 <- Novobranova T.I. DMA MSU, 951. Received as: *Tilachlidium medietatis*. Synonym *Tilachlidium medietatis* Novobranova 1972 Isotype strain. (CBS 550.73; DSM 3481). Ex: stored apple, cultivar Renet Burchardt, core. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([149](#))

Acremonium strictum W. Gams 1971

F-1819 <-- INMI, VKM F-1819 <- Novobranova T.I., 863. Received as: *Tilachlidium medietatis*. Synonym *Tilachlidium medietatis* Novobranova 1972 Isotype strain. Ex: apple. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([149](#))

Acremonium strictum W. Gams 1971

F-2033 <-- INMI, VKM F-2033 <- Vostrov I.S. INMI. Received as: *Cephalosporium acremonium*. Ex: lacquer coating. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([629](#), [2068](#), [2156](#), [4117](#), [8031](#))

Acremonium strictum W. Gams 1971

F-2074 <-- INMI, VKM F-2074 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 4'. Received as: *Acremonium strictum*. Ex: liquid aviation fuel. Vietnam. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8257](#))

Acremonium strictum W. Gams 1971

F-2856 Òype <-- Rudakov O.L. INMI, VKM MF-539 <- CBS, CBS 346.70. Received as: *Acremonium strictum*. (ATCC 34717; CBS 346.70; DSM 3567; IAM 14663; VTT D-76043; NRRL 46118). Ex: fungus, *Triticum aestivum*, old leaf,

infested with *Puccinia* sp. Schleswig-Holstein, Kiel-Kitzeberg. Germany.
Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1355](#))

Acremonium strictum W. Gams 1971

F-3435 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, TVil-MR(Rm)83.
Received as: *Acremonium* sp. Ex: *Trialeurodes vaporariorum* (Homoptera, Aleyrodidae), infected by fungus, dead body surface, on *Cucumis sativus*, imago. Hothouse of State Farm Ramensky. Moscow Region, Ramenskoye. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acremonium strictum W. Gams 1971

F-3950 <-- Legonkova O.A. DMA MSU, 5V. Received as: *Acremonium strictum*.
Ex: polyamide-6,6,10, placed in agrochanged soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acrodontium virellum (Fries 1849) de Hoog 1972

F-3999 <-- Aleksandrova A.V. DMA MSU, 10. Received as: *Acrodontium virellum*.
Ex: *Clethrionomys glareolus*, fur on litter. Complexed fir-grove, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5).

Acrostalagmus luteoalbus (Link 1809) Zare et al. 2004

F-864 <-- INMI, VKM F-864 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine.
Received as: *Verticillium lateritium*. Synonym: *Verticillium lateritium* (Ehrenberg 1818) Rabenhorst 1844. Risk group: no. (Medium [13](#), 25°C, C-1, C-8, D-4, F-1, S-5).

Acrostalagmus luteoalbus (Link 1809) Zare et al. 2004

F-2170 <-- INMI, VKM F-2170 <- IBPM, IBPM F-256. Received as: *Verticillium cinnabarinum*. Synonym *Acrosralagmus cinnabarinus* Corda 1838, *Verticillium cinnabarinum* (Corda 1838) Reinke et Berthold 1879. Ex: book. Russian State Library. St.-Petersburg. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5)

Acrostalagmus luteoalbus (Link 1809) Zare et al. 2004

F-2696 <-- Rudakov O.L. INMI, VKM MF-55b. Received as: *Verticillium vile*. Synonym *Verticillium vile* (P.Karsten 1851) S.Hughes 1958. Ex: fungus, *Colletotrichum lagenaria*. Astrakhan. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Acrostalagmus luteoalbus (Link 1809) Zare et al. 2004

F-3548 <-- Egorova A.V., Velikanov L.L. DMA MSU, 61. Received as: *Verticillium tenerum*. Synonym *Verticillium tenerum* Nees 1816. Ex: volcanic ash soil. Alder shrub, Valley of Geysers, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6379](#), [8256](#))

Acrostalagmus luteoalbus (Link 1809) Zare et al. 2004

F-3552 <-- Egorova A.V., Velikanov L.L. DMA MSU, 90. Received as: *Verticillium tenerum*. Synonym *Verticillium tenerum* Nees 1816. Ex: soddy-medium podzolic sandy soil on river alluvium. Floodplain meadow, potato field, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, S-5). ([6379](#), [8256](#))

Acrostalagmus luteoalbus (Link 1809) Zare et al. 2004

F-3925 <-- Aleksandrova A.V. DMA MSU, VI. Ex: fruitbody of *Laetiporus sp.* Complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Acrothecium robustum J.C. Gilman et E.V. Abbott 1927

F-2231 <-- IBPM, IBPM F-310 <- DMA MSU. Received as: *Acrothecium robustum*. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5).

Actinomucor elegans (Eidam 1884) C.R. Benjamin et Hesseltine 1957

F-492 <-- INMI, VKM F-492 <- Eroshin V.K. IBPM <- Department of Botany, Faculty of Biology, Saint Petersburg, Russia, 255. Received as: *Zygorhynchus heterogamus*. Synonym: *Actinomucor corymbosus* (Harz 1871) Naumov 1935. Other name: *Zygorhynchus heterogamus* (Vuillemin 1886) Vuillemin 1903. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([8090](#), [5378](#), [8253](#))

Actinomucor elegans (Eidam 1884) C.R. Benjamin et Hesseltine 1957

F-494 <-- INMI, VKM F-494 <- Eroshin V.K. IBPM <- Department of Botany, Faculty of Biology, Saint Petersburg, Russia, 259. Received as: *Actinomucor corymbosus*. Synonym *Actinomucor corymbosus* (Harz 1871) Naumov 1935. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1)

Actinomucor elegans (Eidam 1884) C.R. Benjamin et Hesseltine 1957

F-533 <-- INMI, VKM F-533 <- Eroshin V.K. IBPM <- VIZR, 609. Received as: *Mortierella sp.* Synonym *Actinomucor corymbosus* (Harz 1871) Naumov 1935. Other name: *Mortierella sp.* USSR. Risk group: no. (Medium [9](#), 25°C, C-8, D-4, F-1)

Actinomucor elegans (Eidam 1884) C.R. Benjamin et Hesseltine 1957

F-652 <-- INMI, VKM F-652 <- Eroshin V.K. IBPM, 426. Received as: *Actinomucor corymbosus*. Synonym *Actinomucor corymbosus* (Harz 1871) Naumov 1935. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1)

Actinomucor elegans (Eidam 1884) C.R. Benjamin et Hesseltine 1957

F-656 <-- INMI, VKM F-656 <- Eroshin V.K. IBPM, 427. Received as: *Actinomucor corymbosus*. Synonym *Actinomucor corymbosus* (Harz 1871) Naumov 1935. USSR. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, C-7, D-4, F-1)

Actinomucor elegans (Eidam 1884) C.R. Benjamin et Hesseltine 1957

F-1275 <-- INMI, VKM F-1275 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine, 2799. Received as: *Actinomucor corymbosus*. Synonym *Actinomucor corymbosus* (Harz 1871) Naumov 1935. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1)

Actinomucor elegans (Eidam 1884) C.R. Benjamin et Hesseltine 1957

F-2168 <-- INMI, VKM F-2168 <- DMA MSU. Received as: *Actinomucor corymbosus*. Synonym *Actinomucor corymbosus* (Harz 1871) Naumov 1935. Risk group: no. (Medium [9](#), 25°C, C-7, C-13, D-4, F-1, S-5)

Agaricus arvensis Schaeffer 1774

F-1162 <-- INMI, VKM F-1162 <- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-15 <- Semerdzhieva M. CCBAS, CCBAS 302. Received as: *Agaricus arvensis* Schaeffer 1774. (IBK F-15). Ex: fruitbody, cap. Bohemia. Czech Republic. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4225](#))

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1576 <-- INMI, VKM F-1576 <- Garibova L.V. DMA MSU, 402. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Ex: basidiospore, haploid. France. Risk group: no. (Medium [9](#), 25°C, C-5, S-4)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1577 <-- INMI, VKM F-1577 <- Garibova L.V. DMA MSU, 273. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Ex: basidiospore, haploid. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([3081](#))

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1578 <-- INMI, VKM F-1578 <- Garibova L.V. DMA MSU, 25. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Ex: basidiospore, haploid. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1579 <-- INMI, VKM F-1579 <- Garibova L.V. DMA MSU, 116. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Ex: basidiospore, haploid. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1581 <-- INMI, VKM F-1581 <- Garibova L.V. DMA MSU, IY-1 <- UK. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1582 <-- INMI, VKM F-1582 <- Garibova L.V. DMA MSU, Pc-6 <- Hungary. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Other name: *Psalliota campestris* (Linnaeus 1753) Quelet 1872. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1583 <-- INMI, VKM F-1583 <- Garibova L.V. DMA MSU, Pc-17 <- Marysheva N.S. State Farm Zarechye, Moscow Region, Russia, Pc-17 <-- Budapest,

Hungary, Pc-17. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Other name: *Psalliota campestris* (Linnaeus 1753) Quelet 1872. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1584 <-- INMI, VKM F-1584 <- Garibova L.V. DMA MSU, PB <- Institute of Microbiology, Prague, Czechoslovakia. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1585 <-- INMI, VKM F-1585 <- Garibova L.V. DMA MSU, D-13 <- Marysheva N.S. State Farm Zarechye, Moscow Region, Russia, D-13 <- Budapest, Hungary, D-13. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1587 <-- INMI, VKM F-1587 <- Garibova L.V. DMA MSU, GDR N1 <- Marysheva N.S. State Farm Zarechye, Moscow Region, Russia, GDR N1. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Discou. Germany. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1588 <-- INMI, VKM F-1588 <- Garibova L.V. DMA MSU, GDR N2 <- Marysheva N.S. State Farm Zarechye, Moscow Region, Russia, GDR N2. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Discou. Germany. Risk group: no. (Medium [9](#), 25°C, S-5)

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1589 <-- INMI, VKM F-1589 <- Garibova L.V. DMA MSU, GDR N3 <- Marysheva N.S. State Farm Zarechye, Moscow Region, Russia, GDR N3. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. Discou. Germany. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4742](#))

Agaricus bisporus (J. Lange 1926) Imbach 1946

F-1998 <-- INMI, VKM F-1998 <- Mori Mushroom Research Institute, Japan, M2. Received as: *Agaricus bisporus* (J. Lange 1926) Imbach 1946. (IBK F-4). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4225](#), [4742](#))

Agaricus squarrosus Oeder 1770

F-3223 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 6-86. Received as: *Pholiota squarrosa* (Vahl 1770) P. Kummer 1871. Synonym: *Pholiota squarrosa* (Vahl 1770) P. Kummer 1871. Ex: fruitbody on *Betula sp.*, spore. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Albifimbria verrucaria (Albertini et Schweinitz 1805) L. Lombard et Crous 2016

F-183 <-- INMI, VKM F-183 <- LCP, LCP 811. Received as: *Myrothecium verrucaria*. Synonym: *Gliocladium fimbriatum* Gilman et Abbott 1927, *Myrothecium verrucaria* (Albertini et Schweinitz 1805) Ditmar 1813. (LCP 811). Ex: soil. Coffee planting. France. Risk group: no. (Medium [13](#), 25°C,

C-1, C-7, F-1, S-5). ([155](#), [1812](#), [4117](#))

Albifimbria verrucaria (Albertini et Schweinitz 1805) L. Lombard et Crous 2016

F-2578 <-- IBPM, IBPM F-197 <- Kamyshcko O.P. VIZR. Received as: Gliocladium fimbriatum. Synonym Gliocladium fimbriatum Gilman et Abbott 1927, Myrothecium verrucaria (Albertini et Schweinitz 1805) Ditmar 1813. Ex: Triticum vulgare. Turkmenistan. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Albifimbria verrucaria (Albertini et Schweinitz 1805) L. Lombard et Crous 2016

F-3851 <-- Aleksandrova A.V. DMA MSU, Mn42. Received as: Myrothecium verrucaria. Synonym Myrothecium verrucaria (Albertini et Schweinitz 1805) Ditmar 1813. Ex: soil, improved chernozem. Wheat field. Belgorod Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([6766](#), [6767](#), [8258](#))

Albonectria rigidiuscula (Berkeley et Broome 1875) Rossman et Samuels 1999

F-823 <-- INMI, VKM F-823 <- DMA MSU <- CMI. Received as: Fusarium rigidiusculum. Synonym: Nectria rigidiuscula Berkeley et Broome 1875. State: am - Fusarium rigidiusculum W.C. Snyder et H.N. Hansen 1945. Risk group: no. (Medium [14](#), 25°C, C-1, D-4, F-1, S-5).

Alternaria alternata (Fries 1832) Keissler 1912

F-1120 <-- INMI, VKM F-1120 <- DMA MSU. Received as: Alternaria tenuis. Synonym: Alternaria tenuis Nees 1816. (BIM F-119). Ex: Nicotiana **sp.**, stem. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([1812](#), [2913](#), [3364](#), [3959](#), [4314](#), [5348](#), [6222](#), [6311](#), [6408](#), [6645](#), [6916](#), [7719](#), [7786](#), [7750](#), [7766](#), [7798](#), [7799](#), [7819](#), [8041](#), [8929](#))

Alternaria alternata (Fries 1832) Keissler 1912

F-1121 <-- INMI, VKM F-1121 <- DMA MSU. Received as: Alternaria tenuis. Synonym Alternaria tenuis Nees 1816. Ex: soil. Syria. Risk group: 4. (Medium [11](#), 25°C, C-7, C-8, F-1, S-5). ([2171](#))

Alternaria alternata (Fries 1832) Keissler 1912

F-2699 <-- Rudakov O.L. INMI, VKM MF-63. Received as: Alternaria alternata. Ex: fungus, Podosphaera pannosa. Republic of Crimea. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Alternaria alternata (Fries 1832) Keissler 1912

F-3046 <-- Levkina L.M. DMA MSU. Received as: Alternaria alternata. Ex: Gossypium **sp.**, leaf. State Farm Imeni Lenina. Dushanbe. Tajikistan. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Alternaria alternata (Fries 1832) Keissler 1912

F-3047 <-- Dmitrieva E.P. NPO of Potatoe Breeding, Korenevo, Moscow Region, Russia, II. Received as: Alternaria alternata. Ex: Solanum tuberosum. Moscow Region, Korenevo. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([9005](#), [4346](#), [5174](#), [5378](#), [5456](#), [5626](#), [5741](#), [5907](#), [6418](#), [7974](#), [8943](#), [8937](#))

Alternaria alternata (Fries 1832) Keissler 1912

F-3099 <-- Rudakov O.L. INMI, VKM MF-42. Received as: *Alternaria alternata*. Ex: *Sonchus oleraceus*. USSR. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5)

Alternaria alternata (Fries 1832) Keissler 1912

F-3100 <-- Rudakov O.L. INMI, VKM MF-94. Received as: *Alternaria alternata*. Ex: fungus, *Phytophthora infestans*. Moscow Region. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5)

Alternaria alternata (Fries 1832) Keissler 1912

F-3859 <-- Aleksandrova A.V. DMA MSU, Dm42. Received as: *Alternaria alternata*. Ex: *Sorex minutus*, fur on litter. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria alternata (Fries 1832) Keissler 1912

F-4343 Authentic strain <-- Gannibal Ph.B. VIZR, 495-011 <- Simmons E.G., E.G.S. 34.016. Received as: *Alternaria alternata*. Synonym *Alternaria tenuis* Nees 1816 Epitype strain. (CBS 916.96; ATCC 66981; IMI 254138). Ex: *Arachis hypogaea*. India. DNA sequences: DQ678082; DQ678031; DQ677980; DQ677980. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5). ([5383](#))

Alternaria arborescens E.G. Simmons 1999

F-4344 Òype <-- Gannibal Ph.B. VIZR, 498-011 <- Simmons E.G., E.G.S. 39.128. Received as: *Alternaria arborescens*. (CBS 102605; ATCC 204491). Ex: *Lycopersicon esculentum*, stem. California, Davis. USA. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5383](#))

Alternaria arbusti E.G. Simmons 1993

F-4345 Òype <-- Gannibal Ph.B. VIZR, 527-011 <- Simmons E.G., E.G.S. 91.136. Received as: *Alternaria arbusti*. Ex: *Pyrus pyrifolia*, leaf. California, Loomis. USA. DNA sequences: FJ214857; FJ214902. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-727 <-- INMI, VKM F-727 <- Mirchink T.G. DSB MSU, 4. Received as: *Stemphylium botryosum*. Synonym: *Ulocladium atrum* Preuss 1852. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-991 <-- INMI, VKM F-991 <- VIZR, 92. Received as: *Stemphylium botryosum*. Synonym *Ulocladium atrum* Preuss 1852. Risk group: 4. (Medium [11](#), 25°C, C-7, C-8, F-1, S-5). ([2171](#))

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-1285 <-- INMI, VKM F-1285 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2901. Received as: *Stemphylium ilicis*. Synonym *Ulocladium atrum* Preuss 1852. Ex: maize rhizosphere, *Zea mays*. Odessa Region. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-5, C-7, F-1, S-5). ([2171](#))

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-1872 <-- INMI, VKM F-1872 <- Nicot J. LCP, LCP 379. Received as: *Alternaria dendritica*. Synonym *Ulocladium atrum* Preuss 1852. (LCP 379). Ex: soil. Kyzylkum Desert. Turkmenistan. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-3838 <-- Aleksandrova A.V. DMA MSU, Dm14. Received as: *Ulocladium atrum*. Synonym *Ulocladium atrum* Preuss 1852. Ex: abnormal podzolic soil, A1 horizon. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-4301 <-- Gannibal F.B. VIZR, 047-011. Received as: *Ulocladium atrum*. Synonym *Ulocladium atrum* Preuss 1852. Ex: *Solanum tuberosum*, leaf. All-Russian Institute of Plant Protection of Russian Academy of Agricultural Sciences. Leningrad Region, Pushkin. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([6379](#))

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-4302 <-- Gannibal F.B. VIZR, 150-011. Received as: *Ulocladium atrum*. Synonym *Ulocladium atrum* Preuss 1852. Ex: *Triticum aestivum*, cultivar Pamyat, grain. Republic of North Ossetia-Alania, Arkhonskaya. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([6379](#), [8256](#))

Alternaria atra (Preuss 1852) Woudenberg et Crous 2013

F-4303 <-- Gannibal F.B. VIZR, 171-021. Received as: *Ulocladium atrum*. Synonym *Ulocladium atrum* Preuss 1852. Ex: *Brassica oleracea*, leaf. Buryatia, Kabansk District. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria avenicola E.G. Simmons et al. 2007

F-4361 Òype <-- Gannibal Ph.B. VIZR, 551-011 <- Simmons E.G., E.G.S. 50.185. Received as: *Alternaria avenicola*. (CBS 121459). Ex: *Avena sativa*, seeds. Volden. Norway. Risk group: 4. (Medium [260](#), 25°C, C-8, F-1, S-5)

Alternaria avenicola E.G. Simmons et al. 2007

F-4383 <-- Gannibal F.B. VIZR, 457-011. Received as: *Alternaria avenicola*. Ex: *Avena sativa*, kernel (milk-wax). Leningrad Region, Gatchina District. Russia. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria avenicola E.G. Simmons et al. 2007

F-4384 <-- Gannibal F.B. VIZR, 080-021. Received as: *Alternaria avenicola*. Ex: *Triticum aestivum*, cultivar Mironovskaya 808, seeds. Tambov Region. Russia. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria avenicola E.G. Simmons et al. 2007

F-4387 <-- Gannibal F.B. VIZR, 067-011. Received as: *Alternaria avenicola*. Ex: *Solanum tuberosum*, leaf. Leningrad Region, Priozersk District. Russia. Risk

group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-543 <-- INMI, VKM F-543 <- VIZR, 696. Received as: *Stemphylium sarciniforme*. Synonym: *Ulocladium botrytis* Preuss 1851. Ex: *Scirpus* sp. USSR. Risk group: 4. (Medium [11](#), 25°C, C-7, C-8, F-1, S-5). ([2171](#), [6379](#), [8256](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-705 <-- INMI, VKM F-705 <- LWP. Received as: *Stemphylium pyriforme*. Synonym *Ulocladium botrytis* Preuss 1851. Ex: paper. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-737 <-- INMI, VKM F-737 <- Mirchink T.G. DSB MSU. Received as: *Alternaria humicola*. Synonym *Ulocladium botrytis* Preuss 1851. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-992 <-- INMI, VKM F-992 <- VIZR, 73. Received as: *Stemphylium lanuginosum*. Synonym *Ulocladium botrytis* Preuss 1851. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-1198 <-- INMI, VKM F-1198 <- EAN, EAN 168(23). Received as: *Stemphylium botryosum*. Synonym *Ulocladium botrytis* Preuss 1851. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-1243 <-- INMI, VKM F-1243 <- DMA MSU. Received as: *Stemphylium ilicis*. Synonym *Ulocladium botrytis* Preuss 1851. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-2131 <-- INMI, VKM F-2131 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 3a. Received as: *Stemphylium botryosum*. Synonym *Stemphylium botryosum* Wallroth 1833, *Ulocladium botrytis* Preuss 1851. Ex: waxed flax thread. USSR. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([6379](#), [8256](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-2420 <-- IBPM, IBPM F-321 <- VIZR, 451. Received as: *Stemphylium alternariae*. Synonym *Ulocladium botrytis* Preuss 1851. Ex: book. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([2171](#), [5604](#))

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-3003 <-- Mirchink T.G. DSB MSU, 364. Received as: *Ulocladium botrytis*. Synonym *Ulocladium botrytis* Preuss 1851. Ex: soddy-podzolic soil. Chashnikovo Educational and Experimental Station of MSU. Moscow

Region, Chashnikovo. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Alternaria botrytis (Preuss 1851) Woudenberg et Crous 2013

F-3954 <-- Legonkova O.A. DMA MSU, 5G. Received as: *Ulocladium botrytis*.
Synonym *Ulocladium botrytis* Preuss 1851. Ex: polyvinyl alcohol placed in
agrochanged soddy-podzolic heavy loam soil. Fruit trees nursery Sady
Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [9](#), 25°C,
F-1)

Alternaria brassicae (Berkeley 1836) Saccardo 1880

F-1879 <-- INMI, VKM F-1879 <- Levkina L.M. DMA MSU <- CMI, IMI 151659
<- Harvey H.L., WA1434. Received as: *Alternaria brassicae*. (IMI 151659).
Ex: *Raphanus raphanistrum*. Mount Walker. Australia. Risk group: 4.
(Medium [11](#), 25°C, C-8, S-5)

Alternaria brassicae (Berkeley 1836) Saccardo 1880

F-4284 <-- Gannibal F.B. VIZR, 203-010. Received as: *Alternaria brassicae*. Ex:
Brassica oleacea var. *botrytis*, leaf. Leningrad Region, Vsevolozhsk District.
Russia. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)

Alternaria brassicae (Berkeley 1836) Saccardo 1880

F-4285 <-- Gannibal F.B. VIZR, 265-011. Received as: *Alternaria brassicae*. Ex:
Brassica napus, CV Hanna, seeds. Perm Territory. Russia. Risk group: 4.
(Medium [14](#), 25°C, C-8, F-1, S-5)

Alternaria brassicae (Berkeley 1836) Saccardo 1880

F-4286 <-- Gannibal F.B. VIZR, 282-011. Received as: *Alternaria brassicae*. Ex:
Brassica napus, CV Lipetskiy, seeds. Sverdlovsk Region. Russia. Risk group:
4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria brassicicola (Schweinitz 1832) Wiltshire 1947

F-1864 <-- INMI, VKM F-1864 <- Levkina L.M. DMA MSU <- CMI, IMI 120339.
Received as: *Alternaria brassicicola*. (IMI 120339). Ex: *Brassica oleracea*.
England, Devonshire, Exeter. UK. Risk group: 4. (Medium [11](#), 25°C, C-1, C-
7, F-1, S-5). ([8925](#), [9181](#))

Alternaria brassicicola (Schweinitz 1832) Wiltshire 1947

F-4287 <-- Gannibal F.B. VIZR, 055-011. Received as: *Alternaria brassicicola*. Ex:
Brassica oleracea, leaf. Primorsky Territory. Russia. Risk group: 4. (Medium
[14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria brassicicola (Schweinitz 1832) Wiltshire 1947

F-4288 <-- Gannibal F.B. VIZR, 156-011. Received as: *Alternaria brassicicola*. Ex:
Brassica oleracea, leaf. Maykop Experimental Station of N.I. Vavilov
Research Institute of Plant Industry. Adygea, Maykop District, Podgornij.
Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1,
S-5)

Alternaria brassicicola (Schweinitz 1832) Wiltshire 1947

F-4289 <-- Gannibal F.B. VIZR, 211-011. Received as: *Alternaria brassicicola*. Ex: Brassica napus, CV Hanna, seeds. Kaluga Region. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria brassicicola (Schweinitz 1832) Wiltshire 1947

F-4290 <-- Gannibal F.B. VIZR, 215-011. Received as: *Alternaria brassicicola*. Ex: Brassica oleracea, leaf. Khabarovsk Territory, Lazo District. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria brassicicola (Schweinitz 1832) Wiltshire 1947

F-4291 <-- Gannibal Ph.B. VIZR, 245-011. Received as: *Alternaria brassicicola*. Ex: Raphanus sativus, seeds. Dagestan Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Republic of Dagestan, Derbent District, Vavilovo. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria calendulae Ondrej 1974

F-4338 <-- Gannibal F.B. VIZR, 095-011. Received as: *Alternaria calendulae*. Ex: Calendula officinalis, leaf. Primorsky Territory, Vladivostok, Trudovoe. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria calendulae Ondrej 1974

F-4339 <-- Gannibal F.B. VIZR, 293-011. Received as: *Alternaria calendulae*. Ex: Calendula officinalis, leaf. Perm Territory, Dobryanskiy District, Verkh-Kvazhva. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria chartarum Preuss 1848

F-1866 <-- INMI, VKM F-1866 <- Levkina L.M. DMA MSU <- CMI, IMI 124212. Received as: *Alternaria stemphylioides*. Synonym: *Alternaria stemphylioides* Bliss 1944, *Ulocladium chartarum* (Preuss 1848) E.G. Simmons 1967. (IMI 124212). Ex: Daucus carota. Yaffa. Israel. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([6379](#), [8256](#))

Alternaria chartarum Preuss 1848

F-1871 <-- INMI, VKM F-1871 <- Nicot J. LCP, LCP 740. Received as: *Alternaria consortialis*. Synonym *Ulocladium chartarum* (Preuss 1848) E.G. Simmons 1967. (LCP 740). Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria chartarum Preuss 1848

F-1873 <-- INMI, VKM F-1873 <- Nicot J. LCP, LCP 393. Received as: *Alternaria dendritica*. Synonym *Ulocladium chartarum* (Preuss 1848) E.G. Simmons 1967. (IP 2417.96; LCP 393). Sahara Desert. Beni-Abbes. Algeria. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria chartarum Preuss 1848

F-1875 <-- INMI, VKM F-1875 <- Nicot J. LCP, LCP 1159. Received as: *Alternaria chartarum*. Synonym *Ulocladium chartarum* (Preuss 1848) E.G. Simmons

1967. (LCP 1159). Ex: Citrus limon. Lebanon. Risk group: 4. (Medium [14](#), 25°C, C-5, C-7, F-1, S-5). ([2171](#), [6379](#))

Alternaria chartarum Preuss 1848

F-1876 <-- INMI, VKM F-1876 <- Nicot J. LCP, LCP 1158. Received as: *Alternaria chartarum*. Synonym *Ulocladium chartarum* (Preuss 1848) E.G. Simmons 1967. (LCP 1158). Ex: Citrus limon. Chile. Risk group: 4. (Medium [13](#), 25°C, C-8, S-5). ([2171](#))

Alternaria chartarum Preuss 1848

F-3558 <-- Egorova A.V. DMA MSU, MSU-26. Received as: *Ulocladium chartarum*. Synonym *Ulocladium chartarum* (Preuss 1848) E.G. Simmons 1967. Ex: volcanic ash soil. Mountainous tundra, caldera, Uzon Volcano, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([6766](#))

Alternaria chartarum Preuss 1848

F-3837 <-- Aleksandrova A.V. DMA MSU, DM10. Received as: *Ulocladium chartarum*. Synonym *Ulocladium chartarum* (Preuss 1848) E.G. Simmons 1967. Ex: wood, *Picea* sp. Lichen covered log, forest, Volga River, right bank. Tver Region, Zubtsov District, near Shishkino. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6379](#))

Alternaria cheiranthi (Libert 1827) P.C. Bolle 1924

F-1867 <-- INMI, VKM F-1867 <- Levkina L.M. DMA MSU <- CMI, IMI 135515. Received as: *Alternaria cheiranthi*. (IMI 135515). Ex: *Cheiranthus* sp., seeds. Scotland. UK. Risk group: 4. (Medium [13](#), 25°C, C-5, F-1, S-5)

Alternaria consortialis (Thuemen 1876) Groves et Hughes 1953

F-639 <-- INMI, VKM F-639 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia. Received as: *Stemphylium botryosum* var. *botrytis*. Synonym: *Ulocladium consortiale* (Thuemen 1876) E.G. Simmons 1967. Ex: ancient rag paper book. Russian State Library. Moscow. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria consortialis (Thuemen 1876) Groves et Hughes 1953

F-640 <-- INMI, VKM F-640 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia. Received as: *Stemphylium botryosum* var. *botrytis*. Synonym *Ulocladium consortiale* (Thuemen 1876) E.G. Simmons 1967. Ex: book paper (cellulose with wood inclusions). Russian State Library. Moscow. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria consortialis (Thuemen 1876) Groves et Hughes 1953

F-1874 <-- INMI, VKM F-1874 <- Nicot J. LCP, LCP 1080. Received as: *Alternaria consortialis*. Synonym *Ulocladium consortiale* (Thuemen 1876) E.G. Simmons 1967. (LCP 1080). Ex: *Triticum* sp., grain. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria consortialis (Thuemen 1876) Groves et Hughes 1953

F-3845 <-- Aleksandrova A.V. DMA MSU, Dm45. Received as: Ulocladium consortiale. Synonym Ulocladium consortiale (Thuemen 1876) E.G. Simmons 1967. Ex: Sorex araneus, fur on litter. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria cucumerina (Ellis et Everhart 1895) J.A. Elliott 1917 var. *cucumerina*

F-1881 <-- INMI, VKM F-1881 <- Levkina L.M. DMA MSU <- CBS, CBS 103.32. Received as: *Alternaria cucumerina*. (CBS 103.32). Ex: *Citrullus vulgaris*, fruit. Risk group: 4. (Medium [11](#), 25°C, C-8, S-5). ([6143](#), [7467](#))

Alternaria dauci (J.G. Kuehn 1855) J.W. Groves et Skolko 1944

F-1877 <-- INMI, VKM F-1877 <- Nicot LCP, LCP 355. Received as: *Alternaria dauci*. (LCP 355). Ex: *Daucus carota*. Bordeaux. France. Risk group: 4. (Medium [11](#), 25°C, C-8, S-5)

Alternaria dauci (J.G. Kuehn 1855) J.W. Groves et Skolko 1944

F-4336 <-- Gannibal F.B. VIZR, 214-011. Received as: *Alternaria dauci*. Ex: *Daucus carota*, leaf. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria dauci (J.G. Kuehn 1855) J.W. Groves et Skolko 1944

F-4337 <-- Gannibal F.B. VIZR, 291-011. Received as: *Alternaria dauci*. Ex: *Daucus carota*, leaf. Perm Territory, Dobryanskiy District, Verkh-Kvazhva. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria dauci (J.G. Kuehn 1855) J.W. Groves et Skolko 1944

F-4366 Authentic strain <-- Gannibal Ph.B. VIZR, 194-011 <- Simmons E.G., E.G.S. 46.152. Received as: *Alternaria dauci*. (CBS 117098). Ex: *Daucus carota*, leaf. New Zealand. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria dauci (J.G. Kuehn 1855) J.W. Groves et Skolko 1944

F-4367 <-- Gannibal F.B. VIZR, 187-011. Received as: *Alternaria dauci*. Ex: *Daucus carota*, leaf. VNISSOK. Moscow Region. Russia. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria dianthicola Neergaard 1945

F-1883 <-- INMI, VKM F-1883 <- Levkina L.M. DMA MSU <- CBS, CBS 112.38. Received as: *Alternaria dianthicola*. (CBS 112.38; IMI 264945; IP 1942.90). Ex: *Dianthus caryophyllus*, cultivar Chabaud Riviera Etincelant. Vangede, experimental field of J.E.Ohlsens Enke. Denmark. Risk group: 4. (Medium [11](#), 25°C, C-8, S-5)

Alternaria eryngii (Persoon 1822) S. Hughes et E.G. Simmons 1958

F-4292 <-- Gannibal F.B. VIZR, 313-011. Received as: *Alternaria eryngii*. Ex: *Eryngium planum*, leaf. Samara Region. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria eryngii (Persoon 1822) S. Hughes et E.G. Simmons 1958

F-4346 Authentic strain <-- Gannibal Ph.B. VIZR, 499-011 <- Simmons E.G., E.G.S. 41.005. Received as: *Alternaria eryngii*. (CBS 121339). Ex: *Eryngium sp.*, leaf. Netherlands. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria godetiae (Neergaard 1933) Neergaard 1945

F-1870 <-- INMI, VKM F-1870 <- Levkina L.M. DMA MSU <- CBS, CBS 117.44. Received as: *Alternaria tenuissima* var. *godetiae*. Synonym: *Alternaria tenuissima* (Kunze 1818) Wiltshire 1933 var. *godetiae* Neergaard 1933 Type strain. (CBS 117.44). Ex: *Godetia sp.*, cultivar Kelvedon Glory. Sjaelland, Clausdal. Denmark. Risk group: 4. (Medium [13](#), 25°C, C-8, S-5). ([7465](#))

Alternaria grandis E.G. Simmons 2000

F-4363 Öype <-- Gannibal Ph.B. VIZR, 296-011 <- Simmons E.G., E.G.S. 44.106. Received as: *Alternaria grandis*. (CBS 109158). Ex: *Solanum tuberosum*, leaf, leaf spot. Pennsylvania. USA. DNA sequences: EU130547. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria infectoria E.G. Simmons 1986

F-4329 <-- Aleksandrova A.V. DMA MSU, S 406. Received as: *Alternaria infectoria*. Ex: coniferous litter (5-7 cm). Dark coniferous mountain taiga (*Pinus sibirica*, *Abeas sibirica*), flat top of the knoll, Sanste hole. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria infectoria E.G. Simmons 1986

F-4347 Holotype <-- Gannibal Ph.B. VIZR, 492-011 <- Simmons E.G., E.G.S. 27.193. Received as: *Alternaria infectoria*. (CBS 210.86). Ex: *Triticum aestivum*, stem. Suffolk. UK. DNA sequences: FM958526. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)

Alternaria japonica Yoshii 1941

F-2232 <-- IBPM, IBPM F-329 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 89. Received as: *Alternaria fasciculata*. Synonym: *Alternaria raphani* J.W. Groves et Skolko 1944. Ex: oil painting. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Alternaria japonica Yoshii 1941

F-4293 <-- Gannibal F.B. VIZR, 181-011. Received as: *Alternaria japonica*. Ex: *Raphanus sativus*, fruit. All-Russian Research Institute of Vegetable Breeding and Seed Production (VNISSOK). Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria japonica Yoshii 1941

F-4294 <-- Gannibal Ph.B. VIZR, 239-011. Received as: *Alternaria japonica*. Ex: *Raphanus sativus*, cultivar Belosnezhny, seeds. Shop. Russia. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria kulundii Bilanenko et al. 2015

F-4839 <-- Bilanenko E.N. DMA MSU. Received as: *Alternaria kulundii*. (CBS

137521). Ex: alkaline soil, saltification type: soda-chloride. Uzkoë Lake, Kulunda steppe. Altai Territory. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5342](#))

Alternaria kulundii Bilanenko et al. 2015

F-4840 <-- Bilanenko E.N. DMA MSU. Received as: *Alternaria kulundii*. (CBS 137522). Ex: alkaline soil, saltification type: soda. Tanatar Lake, Kulunda steppe. Altai Territory. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5342](#))

Alternaria kulundii Bilanenko et al. 2015

F-4841 Type <-- Bilanenko E.N. DMA MSU. Received as: *Alternaria kulundii*. (CBS 137525). Ex: alkaline soil, saltification type: soda. Kulunda steppe, north. Altai Territory. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5342](#))

Alternaria leucanthemi Nelen 1962

F-1880 <-- INMI, VKM F-1880 <- Levkina L.M. DMA MSU <- CMI, IMI 122275 <- Simmons E.G., QM 7228. Received as: *Alternaria chrysanthemi*. Synonym: *Alternaria chrysanthemi* E.G.Simmons et Crosier 1965. (IMI 122275; QM 7228). Ex: *Chrysanthemum maximum*, seeds. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5)

Alternaria macrospora Zimmermann 1904

F-3041 <-- Levkina L.M. DMA MSU. Received as: *Alternaria macrospora*. Ex: *Gossypium sp.*, leaf. State Farm Imeni Lenina. Dushanbe. Tajikistan. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Alternaria macrospora Zimmermann 1904

F-3042 <-- Levkina L.M. DMA MSU. Received as: *Alternaria macrospora*. Ex: *Gossypium sp.*, leaf. State Farm Imeni Lenina. Dushanbe. Tajikistan. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([8015](#))

Alternaria metachromatica E.G. Simmons 1994

F-4377 Òype <-- Gannibal Ph.B. VIZR, 497-011 <- Simmons E.G., E.G.S. 38.132. Received as: *Alternaria metachromatica*. (CBS 553.94; IMI 295682). Ex: *Triticum aestivum*. South Australia. Australia. DNA sequences: FJ214931. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria multirostrata E.G. Simmons et C.R. Jackson 1968

F-2997 Òype <-- CMI, IMI 135454. Received as: *Alternaria multirostrata*. (ATCC 18515; CBS 712.68; IMI 135454; MUCL 11722; QM 8820). Ex: *Richardia scabra*, leaf. Georgia, Tifton. USA. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([7467](#))

Alternaria nobilis (Vize 1877) E.G. Simmons 2002

F-1882 <-- INMI, VKM F-1882 <- Levkina L.M. DMA MSU <- CBS, CBS 163.63. Received as: *Alternaria dianthi*. Synonym: *Alternaria dianthi* F.Stevens et J.G.Hall 1909. (CBS 163.63). Ex: *Dianthus caryophyllus*, leaf. Risk group: 4. (Medium [13](#), 25°C, C-8, S-5)

Alternaria novae-zelandiae E.G. Simmons 2002

F-4389 Type <-- Gannibal Ph.B. VIZR, 525-011 <- Simmons E.G., E.G.S. 48.092.
Received as: *Alternaria novae-zelandiae*. (CBS 119405; ATCC MYA-2859).
Ex: *Daucus carota*, leaf. Lincoln. New Zealand. Risk group: 4. (Medium [260](#),
25°C Growth condition: UV., C-8, F-1, S-5). ([6891](#))

Alternaria oregonensis E.G. Simmons 1994

F-4348 Type <-- Gannibal Ph.B. VIZR, 521-011 <- Simmons E.G., E.G.S. 29.194.
Received as: *Alternaria oregonensis*. (CBS 542.94). Ex: *Triticum aestivum*,
leaf. Oregon State University. Oregon. USA. DNA sequences: FJ214945.
Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)

Alternaria oudemansii (E.G. Simmons 1967) Woudenberg et Crous 2013

F-1052 <-- INMI, VKM F-1052 <- Focke I. Institute of Plant Breeding, Germany <-
CBS. Received as: *Stemphylium sarciniforme*. Synonym: *Ulocladium*
oudemansii E.G. Simmons 1967. Risk group: 4. (Medium [13](#), 25°C, C-1, C-
7, F-1, S-5). ([2171](#))

Alternaria petuchovskii Bilanenko et al. 2015

F-4842 Type <-- Bilanenko E.N. DMA MSU. Received as: *Alternaria petuchovskii*. (CBS
137517). Ex: alkaline soil, saltification type: soda-chloride. Shukrtuz Lake,
Kulunda steppe. Altai Territory. Russia. Risk group: 4. (Medium [13](#), 25°C,
C-8, F-1, S-5). ([5342](#))

Alternaria photistica E.G. Simmons 1986

F-4362 Type <-- Gannibal Ph.B. VIZR, 550-011 <- Simmons E.G., E.G.S. 35.172.
Received as: *Alternaria photistica*. State: tm - *Lewia photistica* E.G.
Simmons 1986 Type strain. (CBS 212.86). Ex: *Digitalis purpurea*,
overwintered stem. England, Cambridge. UK. DNA sequences: FJ214900;
FJ214950. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8,
F-1, S-5)

Alternaria porri (Ellis 1879) Ciferri 1930

F-4352 <-- Gannibal F.B. VIZR, 175-011. Received as: *Alternaria porri*. Ex: *Allium*
cepa, leaf. Irkutsk Region. Russia. Risk group: 4. (Medium [14](#), 25°C Growth
condition: UV., C-8, F-1, S-5)

Alternaria porri (Ellis 1879) Ciferri 1930

F-4368 <-- Gannibal F.B. VIZR, 176-011. Ex: *Allium cepa*, stem. VNISSOK.
Moscow Region. Russia. Risk group: 4. (Medium [260](#), 25°C Growth
condition: UV., C-8, F-1, S-5)

Alternaria porri (Ellis 1879) Ciferri 1930

F-4373 Authentic strain <-- Gannibal Ph.B. VIZR, 198-011 <- Simmons E.G., E.G.S. 48.147.
Received as: *Alternaria porri*. (CBS 116698). Ex: *Allium cepa*, leaf. New
York, Ithaca. USA. Risk group: 4. (Medium [260](#), 25°C Growth condition:
UV., C-8, F-1, S-5)

Alternaria radicina Meier et al. 1922

F-1863 <-- INMI, VKM F-1863 <- Levkina L.M. DMA MSU <- CMI, IMI 63223 <-

Noble M. Received as: *Alternaria radicina*. (IMI 63223). Ex: *Daucus carota*, seeds. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Alternaria radicina Meier et al. 1922

F-4191 <-- Gannibal F.B. VIZR, 196-011. Received as: *Alternaria radicina*. Ex: *Daucus sativus*, leaf. All Russian Research Institute of Vegetable Breeding and Seed Production (VNISSOK). Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Alternaria shukurtuzii Bilanenko et al. 2015

F-4843 Type <-- Bilanenko E.N. DMA MSU. Received as: *Alternaria shukurtuzii*. (CBS 137520). Ex: alkaline soil, saltification type: chloride-sulfate. Petukhovo Lake, Kulunda steppe. Altai Territory. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5342](#))

Alternaria silybi Gannibal 2011

F-4109 Type <-- Gannibal F.B. VIZR, MF-P050011. Received as: *Alternaria silybi*. Ex: *Silybum marianum*, leaf. Experimental-industrial fruit and berry experimental farm. Vladivostok, Trudovoe. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6090](#), [7467](#))

Alternaria silybi Gannibal 2011

F-4117 <-- Gannibal F.B. VIZR, 093-011. Received as: *Alternaria silybi*. Ex: *Silybum marianum*, leaf. Botanical Garden. Vladivostok. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6090](#), [7467](#))

Alternaria silybi Gannibal 2011

F-4118 <-- Gannibal F.B. VIZR, 050-021. Received as: *Alternaria silybi*. Ex: *Silybum marianum*, leaf. Vladivostok, Trudovoe. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([7467](#))

Alternaria simmonsii Gannibal 2011

F-4110 Type <-- Gannibal F.B. VIZR, MF-P024-011. Received as: *Alternaria simmonsii*. Ex: *Sonchus sp.*, leaf. Voronezh Region, Semilukskiy District, Veduga. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6090](#))

Alternaria simmonsii Gannibal 2011

F-4119 <-- Gannibal F.B. VIZR, 024-021. Received as: *Alternaria simmonsii*. Ex: *Sonchus sp.*, leaf. Voronezh Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Alternaria solani Sorauer 1896

F-1878 <-- INMI, VKM F-1878 <- Nicot LCP, LCP 391. Received as: *Alternaria dauci f.sp. solani*. Synonym: *Alternaria dauci* (J.G.Kuehn 1855) J.W. Groves et Scolko 1944 *f.sp. solani* (Ellis et Martin 1882) Neergaard 1945. (LCP 391). Ex: *Solanum tuberosum*. France. Risk group: 4. (Medium [11](#), 25°C, C-8, S-5). ([5933](#))

Alternaria solani Sorauer 1896

F-3048 <-- Dmitrieva E.P. NPO of Potatoe Breeding, Korenevo, Moscow Region,

Russia, II. Received as: *Alternaria solani*. Ex: *Solanum tuberosum*. Moscow Region, Korenevo. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([7933](#), [8943](#), [8937](#))

Alternaria solani Sorauer 1896

F-4374 Authentic strain <-- Gannibal Ph.B. VIZR, 295-011 <- Simmons E.G., E.G.S. 44.098. Received as: *Alternaria solani*. (CBS 109157). Ex: *Solanum tuberosum*, leaf. Washington, Wenatchee. USA. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria solani Sorauer 1896

F-4375 Authentic strain <-- Gannibal Ph.B. VIZR, 297-011 <- Simmons E.G., E.G.S. 44.143. Received as: *Alternaria solani*. Ex: *Solanum tuberosum*, leaf. Washington, Prosser Country. USA. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria solani Sorauer 1896

F-4376 <-- Gannibal F.B. VIZR, 048-011. Received as: *Alternaria solani*. Ex: *Solanum tuberosum*, leaf. Khabarovsk Territory, Khabarovsk District. Russia. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria tenuissima (Kunze 1818) Wiltshire 1933

F-3043 <-- Levkina L.M. DMA MSU, 1/8. Received as: *Alternaria tenuissima*. Ex: *Gossypium sp.*, leaf. State Farm Imeni Lenina. Dushanbe. Tajikistan. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5)

Alternaria tenuissima (Kunze 1818) Wiltshire 1933

F-4325 <-- Aleksandrova A.V. DMA MSU, S 420. Received as: *Alternaria tenuissima*. Ex: coniferous litter (3-5 cm). Light noniferous subtaiga (*Larix sibirica*-*Betula plathifolia*), mountain slope. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria tenuissima (Kunze 1818) Wiltshire 1933

F-4349 Authentic strain <-- Gannibal Ph.B. VIZR, 494-011 <- Simmons E.G., E.G.S. 34.015. Received as: *Alternaria tenuissima*. (CBS 918.96; IMI 255532). Ex: *Dianthus sp.* UK. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria tenuissima (Kunze 1818) Wiltshire 1933

F-4378 <-- Gannibal F.B. VIZR, 016-011. Received as: *Alternaria tenuissima*. Ex: *Phoenix canariensis*, dead flower. Krasnodar Territory, Sochi. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria tenuissima (Kunze 1818) Wiltshire 1933

F-4379 <-- Gannibal F.B. VIZR, 127-011. Received as: *Alternaria tenuissima*. Ex: *Helianthus annuus*, leaf. Belgorod Region, Borisovka District. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Alternaria tomatophila E.G. Simmons 2000

F-4364 Ôype <-- Gannibal Ph.B. VIZR, 202-011 <- Simmons E.G., E.G.S. 42.156.

Received as: *Alternaria tomatophila*. (CBS 109156). Ex: *Lycopersicon esculentum*, leaf, leaf spot. Indiana, Crawfordsville. USA. DNA sequences: AM237289.1. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria tomatophila E.G. Simmons 2000

F-4365 Authentic strain <-- Gannibal Ph.B. VIZR, 208-011 <- Simmons E.G., E.G.S. 44.074. Received as: *Alternaria tomatophila*. (CBS 116704). Ex: *Lycopersicon esculentum*, leaf, leaf spot. Indiana, Crawfordsville. USA. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria triticimaculans E.G. Simmons et Perello 1994

F-4388 Òype <-- Gannibal Ph.B. VIZR, 523-011 <- Simmons E.G., E.G.S. 41.050. Received as: *Alternaria triticimaculans*. (CBS 578.94). Ex: *Triticum aestivum*, leaf. La Plata. Argentina. DNA sequences: FJ214930. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria viburni E.G. Simmons 2002

F-4350 Òype <-- Gannibal Ph.B. VIZR, 526-011 <- Simmons E.G., E.G.S. 49.147. Received as: *Alternaria viburni*. Ex: *Viburnum sp.*, stem. Netherlands. DNA sequences: FJ214876; FJ214921. Risk group: 4. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria zinniae H. Pape 1942 ex M.B. Ellis 1972

F-4295 <-- Gannibal F.B. VIZR, 212-011. Received as: *Alternaria zinniae*. Ex: *Zinnia elegans*, leaf. Maykop Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Adygea, Maykop District. Russia. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternaria zinniae H. Pape 1942 ex M.B. Ellis 1972

F-4382 <-- Gannibal F.B. VIZR, 139-011. Received as: *Alternaria zinniae*. Ex: *Zinnia elegans*, leaf. Tomsk Region. Russia. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Alternariaster helianthi (Hansford 1943) E.G. Simmons 2007

F-4296 <-- Gannibal F.B. VIZR, 135-011. Ex: *Helianthus annuus*, leaf. Belgorod Region, Veydelevka. Russia. Risk group: no. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5).

Alternariaster helianthi (Hansford 1943) E.G. Simmons 2007

F-4297 <-- Gannibal F.B. VIZR, 204-011. Ex: *Helianthus annuus*, leaf. Maykop Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Adygea, Maykop District, Podgornij. Russia. Risk group: no. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Amauroascus aureus (Eidam 1887) Arx 1971

F-472 <-- INMI, VKM F-472 <- Konakotina A.G. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 6. Received as: *Arachniotus aureus*. Synonym: *Arachniotus aureus* (Eidam 1887) J.Schroeter 1893. Ex: paste. St.-

Petersburg. Russia. Risk group: no. (Medium [11](#), 25°C, C-11, F-1, S-5).

Amblyosporium botrytis Fresenius 1863

F-2787 <-- Rudakov O.L. INMI, VKM MF-302. Received as: *Amblyosporium botrytis*. Ex: fungus, *Podosphaera fuliginea*. Sakhalin Island. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([1368](#))

Amerosporium concinnum Petrak 1953

F-1375 <-- INMI, VKM F-1375 <- Milko A.A., 2269. Received as: *Myrothecium sp.* (CBS 151.69; IMI 151911). Ex: forest soil. Zakarpattya Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-5, C-7, C-8. F-1, S-5).

Ampelomyces artemisiae (Voglino 1905) Rudakov 1979

F-2794 <-- Rudakov O.L. INMI, VKM MF-332. Received as: *Ampelomyces artemisiae*. (ATCC 38609). Ex: fungus, *Erysiphe cichoracearum* on an acacia, *Acacia sp.* Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#))

Ampelomyces heraclei (Dejeva 1967) Rudakov 1979

F-2768 <-- Rudakov O.L. INMI, VKM MF-245. Received as: *Ampelomyces heraclei*. Ex: fungus, *Plasmopara viticola*. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Ampelomyces humuli (Fautrey 1890) Rudakov 1979

F-2800 <-- Rudakov O.L. INMI, VKM MF-369. Received as: *Ampelomyces humuli*. Ex: fungus, powdery mildew on *Potentilla sp.* Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-7, C-8, F-1, S-5)

Ampelomyces polygوني (Potebnia 1907) Rudakov 1979

F-2758 <-- Rudakov O.L. INMI, VKM MF-197. Received as: *Ampelomyces polygوني*. (ATCC 38608). Ex: fungus, *Erysiphe cruciferarum* on *Polygonum sp.* Republic of Crimea. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Ampelomyces polygوني (Potebnia 1907) Rudakov 1979

F-2799 <-- Rudakov O.L. INMI, VKM MF-368. Received as: *Ampelomyces polygوني*. Ex: fungus, *Erysiphe cruciferarum* on *Polygonum sp.* Krasnodar. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#))

Ampelomyces quisqualis Cesati 1852

F-2782 <-- Rudakov O.L. INMI, VKM MF-283. Received as: *Ampelomyces quisqualis*. Ex: fungus, *Erysiphe cichoracearum*. Caucasus area. Krasnodar Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-12, F-1, S-5)

Ampelomyces ulicis (Adams 1907) Rudakov 1979

F-2797 <-- Rudakov O.L. INMI, VKM MF-342. Received as: *Ampelomyces ulicis*. Ex: fungus, *Erysiphe cruciferarum* on *Convolvulus arvensis*. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#))

Ampelomyces uncinulae (Fautrey 1893) Rudakov 1979

F-2839 <-- Rudakov O.L. INMI, VKM MF-484. Received as: *Ampelomyces*

uncinulae. (ATCC 36853). Ex: fungus, Erysiphe clandestina. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([77](#), [1368](#))

Antrodia sinuosa (Fries 1821) P. Karsten 1881

F-465 <-- INMI, VKM F-465 <- V.A. Kucherenko Central Research Institute of Building Constructions, Moscow, Russia. Received as: *Poria vaporaria* Persoon 1794. Synonym: *Poria vaporaria* Persoon 1794, *Coriolus vaporarius* (Persoon 1794) Bondartsev et Singer 1941. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([5737](#), [7713](#), [7765](#))

Apenidiella antarctica Ivanushkina et al. 2019

F-4540 Òype <-- VKM IBPM, VKM FW-3183. Received as: *Penidiella* **sp.** Ex: permafrost, Russkaya Station, hole A8/08, depth 1,30-1,40 m. Marie Byrd Land, Antarctica. DNA sequences: MK770828; JN835199. Risk group: no. (Medium [13](#), 20°C, C-8, F-1, S-5). ([8204](#))

Apenidiella strumelloidea (Milko et Dunaev 1986) Quaedvlieg et Crous 2014

F-2534 Type <-- IBIW, Du-1143. Received as: *Cladosporium strumelloideum*. Synonym: *Cladosporium strumelloideum* Milko et Dunaev 1986 Type strain, *Penidiella strumelloidea* (Milko et Dunaev 1986) Crous et U. Braun 2007. (CBS 114484). Ex: *Carex* **sp.**, subsea leaf. Estuary of Sutka River, Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([623](#), [6485](#), [8204](#))

Aphanoascus fulvescens (Cooke 1879) Apinis 1968

F-1141 <-- INMI, VKM F-1141 <- Kamyschko O.P. VIZR. Received as: *Anixiopsis stercoraria*. Synonym: *Anixiopsis stercoraria* (E.C. Hansen 1876) E.C. Hansen 1897, *Anixiopsis fulvescens* (Cooke 1879) G.A.de Vries 1952 var. *stercoraria* (E.C.Hansen 1876) G.A.de Vries 1969. Ex: soil. USSR. Risk group: 4. (Medium [14](#), 25°C, C-8, D-4, F-1, S-5).

Aphanocladium album (Preuss 1848) W. Gams 1971

F-1466 <-- INMI, VKM F-1466 <- LWP, 971. Received as: *Cephalosporium acremonium*. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#))

Aphanocladium album (Preuss 1848) W. Gams 1971

F-2858 <-- Rudakov O.L. INMI, VKM MF-541 <- CBS, CBS 165.45. Received as: *Aphanocladium album*. (CBS 165.45; MUCL 9794). Ex: fungus, *Agaricus bisporus*, basidioma. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1355](#), [3068](#))

Aphanocladium album (Preuss 1848) W. Gams 1971

F-3030 <-- DSB MSU, 398. Received as: *Aphanocladium album*. Ex: brown forest soil. Karpat Reserve. Vorokhta. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Aphanomyces helicoides Minden 1915

F-2139 <-- INMI, VKM F-2139 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine, 2719. Received as: *Aphanomyces helicoides*. (CBS 210.82). Ex: water. Volga River, Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5).

Apiospora montagnei Saccardo 1875

F-3998 <-- Aleksandrova A.V. DMA MSU, 25. Received as: *Arthrimum arundinis*. Synonym: *Arthrimum arundinis* (Corda 1838) Dyko et Sutton 1981. Ex: soddy-podzolic light loam soil, A1 horizon (5-7 cm). Forb meadow, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Aplanes treleaseanus (Humphrey 1893) Coker 1927

F-2129 <-- INMI, VKM F-2129 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3571. Received as: *Aplanes treleaseanus*. Ex: water. Gulf of Dnepr River. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5).

Arachniotus aurantiacus (Kamyschko 1967) Arx 1971

F-1140 Type <-- INMI, VKM F-1140 <- Kamyschko O.P. VIZR, 4-1/2. Received as: *Pseudoarachniotus aurantiacus*. Synonym: *Pseudoarachniotus aurantiacus* Kamyschko 1967 Type strain. (ATCC 22394; CBS 603.67; NRRL A-18287; UAMH 3529). USSR. Risk group: no. (Medium [13](#), 25°C, C-8, D-4, F-1, S-5). ([145](#), [600](#), [9176](#))

Arcticomyces warmingii (Rostrup 1888) Savile 1959

F-2958 <-- Oberwinkler F., Germany, FO 23895.00. Received as: *Exobasidium warmingii* Rostrup 1988. Synonym: *Exobasidium warmingii* Rostrup 1988. Risk group: no. (Medium [9](#), 25°C, C-5, F-1, S-4, S-5). ([7097](#))

Armillaria borealis H. Marxmueller et K. Korhonen 1982

F-3472 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-485 <- Luxemburg. Received as: *Armillaria borealis* H. Marxmueller et K. Korhonen 1982. (VKPM F-485). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5).

Armillaria borealis H. Marxmueller et K. Korhonen 1982

F-3487 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-484 <- Luxemburg. Received as: *Armillaria borealis* H. Marxmueller et K. Korhonen 1982. (VCPM F-484). Risk group: no. (Medium [9](#), 25°C, C-12, S-5)

Armillaria cepistipes Velenovsky 1920 f. *pseudobulbosa* H. Romagnesi et H. Marxmueller 1983

F-3473 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-490 <- Sieneokii S.P. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia <- Luxemburg. Received as: *Armillaria cepistipes* Velenovsky 1920 f. *pseudobulbosa* H. Romagnesi et H.

Marxmueller 1983. (VKPM F-490). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-8, C-11, S-4, S-5)

Armillaria cepistipes Velenovsky 1920 f. *pseudobulbosa* H. Romagnesi et H. Marxmueller 1983

F-3474 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-491 <- Sieneokii S.P. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia <- Luksemburg. Received as: *Armillaria cepistipes* Velenovsky 1920 f. *pseudobulbosa* H. Romagnesi et H. Marxmueller 1983. (VKPM F-491). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Armillaria lutea Gillet 1874

F-3307 <-- Ozerskaya S.M. VKM IBPM. Received as: *Armillaria bulbosa* (Barla 1887) Kile et Watling 1983. Synonym: *Armillaria bulbosa* (Barla 1887) Kile et Watling 1983. Ex: fruitbody. Penza Region, Akhunyn. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Armillaria lutea Gillet 1874

F-3414 <-- Radzievskaya M.G. DMA MSU, 150623-IY A2B1. Received as: *Armillaria bulbosa* (Barla 1887) Kile et Watling 1983. Synonym *Armillaria bulbosa* (Barla 1887) Kile et Watling 1983. Ex: fruitbody on stub of *Corylus avellana*. Akhmeta District. Georgia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Armillaria lutea Gillet 1874

F-3469 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-478 <- Luksemburg. Received as: *Armillaria bulbosa* (Barla 1887) Kile et Watling 1983. Synonym *Armillaria bulbosa* (Barla 1887) Kile et Watling 1983. (VKPM F-478). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Armillaria lutea Gillet 1874

F-3679 <-- Eremina S.S. VKM IBPM <- Yashina S.G., Shabaeva E.V. Institute of Cell Biophysics RAS, Pushchino, Moscow Region, Russia, G-31. Received as: *Armillaria gallica* H. Marxmueller et Romagnesi 1987. Synonym *Armillaria gallica* H. Marxmueller et Romagnesi 1987. Ex: fruitbody on rotten wool. Mixed forest, Prioksko-Terrasny Nature Biosphere Reserve named after Mikhail Zablotsky. Moscow Region, Serpukhov District. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5). ([4315](#))

Armillaria mellea (Vahl 1790) P. Kummer 1871

F-1163 <-- INMI, VKM F-1163 <- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine <- Luthard W. Forstbotanisches Institute, Eberswalde, Germany, 2b. Received as: *Armillaria mellea* (Vahl 1790) P. Kummer 1871. (IBK F-41). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4742](#))

Armillaria mellea (Vahl 1790) P. Kummer 1871

F-1657 <-- INMI, VKM F-1657 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 1. Received as: *Armillaria mellea* (Vahl 1790) P. Kummer 1871. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Armillaria mellea (Vahl 1790) P. Kummer 1871

F-3194 <-- Radzievskaya M.G. DMA MSU, 13-85. Received as: *Armillaria mellea* (Vahl 1792) P. Kummer 1871. Ex: fruitbody on *Alnus glutinosa*. Belarus. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Armillaria mellea (Vahl 1790) P. Kummer 1871

F-3413 <-- Radzievskaya M.G. DMA MSU, 150-XYI. Received as: *Armillaria mellea* (Vahl 1792) P. Kummer 1871. Ex: fruitbody. Broad-leaved forest. Krasnodar Territory, Goryachiy Klyuch District. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Armillaria solidipes Peck 1900

F-3470 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-480 <- Luksemburg. Received as: *Armillaria ostoyae* (Romagnesi 1970) Herink 1973. Synonym: *Armillaria ostoyae* (Romagnesi 1970) Herink 1973. (VKPM F-480). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5). ([4225](#))

Armillaria solidipes Peck 1900

F-3471 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-481 <- Luksemburg. Received as: *Armillaria ostoyae* (Romagnesi 1970) Herink 1973. Synonym *Armillaria ostoyae* (Romagnesi 1970) Herink 1973. (VKPM F-481). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Arthrinium arundinis (Corda 1838) Dyko et Sutton 1981

F-2844 <-- Rudakov O.L. INMI, VKM MF-495. Received as: *Haplographium bicolor* Grove 1886. Ex: fungus, *Ampulloclitocybe clavipes*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5).

Arthrinium arundinis (Corda 1838) Dyko et Sutton 1981

F-3255 <-- Ivanushkina N.E. VKM IBPM, g9. Received as: *Arthrinium* st. of *Apiospora montagnei*. Ex: *Sasa kurilensis*, root. Kunashir Island, Kuril Islands. Sakhalin Region, Yuzhno-Kurilsky District, Tretyakovo. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Arthrinium arundinis (Corda 1838) Dyko et Sutton 1981

F-3656 <-- Melnik V.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 1/4. Received as: *Arthrinium arundinis*. Ex: unknown tree, bark. Luquillo Experimental Forest. near San Juan. Puerto Rico. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrinium arundinis (Corda 1838) Dyko et Sutton 1981

F-3834 <-- Aleksandrova A.V. DMA MSU, DM1. Received as: *Arthrinium arundinis*. Ex: podzolic soil, A1 horizon. Complexed fir-grove with birch and alder, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy.

Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrinium phaeospermum (Corda 1837) M.B. Ellis 1965

F-3858 <-- Aleksandrova A.V. DMA MSU, Mn35. Received as: Arthrinium phaeospermum. Ex: Clethrionomys glareolus, fur on litter. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Arthrinium phaeospermum (Corda 1837) M.B. Ellis 1965

F-4330 <-- Aleksandrova A.V. DMA MSU, S 407. Received as: Arthrinium phaeospermum. Ex: coniferous litter (5-7 cm). Dark coniferous mountain taiga (Pinus sibirica, Abies sibirica), flat top of the knoll, Sanste hole. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Arthrinium sphaerospermum Fuckel 1874

F-1569 <-- INMI, VKM F-1569 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 58546. Received as: Papularia sphaosperma (Persoon 1796) Hoehnel 1916. Ex: Carpinus **sp.**, root. Goloseevsky park. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Arthrobotrys cladodes Drechsler 1937

F-2236 <-- IBPM, IBPM F-280 <- DMA MSU. Received as: Arthrobotrys cladodes. Ex: soil. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Arthrobotrys cladodes Drechsler 1937

F-4372 <-- Aleksandrova A.V. DMA MSU, 28 M. Received as: Arthrobotrys cladodes. Ex: moss. Republic of Byriatia, Zaigraevsky District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Arthrobotrys conoides Drechsler 1937

F-2237 <-- IBPM, IBPM F-282 <- DMA MSU, 310. Received as: Arthrobotrys conoides. Ex: soil. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, S-5)

Arthrobotrys conoides Drechsler 1937

F-2242 <-- IBPM, IBPM F-283 <- DMA MSU, 501. Received as: Arthrobotrys pravicovii. Synonym Arthrobotrys pravicovii (Sopruncov et Galiulina 1951) Sydorova et al. 1964 Type strain. (CBS 606.84). Ex: soil. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([578](#))

Arthrobotrys oligospora Fresenius 1850

F-1636 <-- INMI, VKM F-1636 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 954. Received as: Arthrobotrys oligospora. Ex: herbaceous plant, root. Oak forest. Kiev Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([2864](#), [6756](#))

Arthrobotrys oligospora Fresenius 1850

F-4057 <-- Aleksandrova A.V. DMA MSU, 20B. Received as: *Arthrobotrys oligospora*. Ex: litter. Mixed forest. Buryatia, Zaigrayevsky District, Jerhirik. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrobotrys oligospora Fresenius 1850

F-4058 <-- Aleksandrova A.V. DMA MSU, 30M. Received as: *Arthrobotrys oligospora*. Ex: moss. Mixed forest. Buryatia, Zaigrayevsky District, Dabaty. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrobotrys oviformis Soprunov 1958

F-4371 <-- Aleksandrova A.V. DMA MSU, 38B. Received as: *Arthrobotrys oviformis*. Ex: moss. Buryatia, Zaigrayevsky District, Dabaty. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Arthrobotrys robusta Duddington 1951

F-2243 <-- IBPM, IBPM F-279 <- DMA MSU, 71. Received as: *Arthrobotrys robusta*. Ex: soil. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Arthrobotrys superba Corda 1839

F-2240 <-- IBPM, IBPM F-273 <- DMA MSU, 85. Received as: *Arthrobotrys kirghizica*. Synonym: *Arthrobotrys kirghizica* Soprunov 1958. Ex: soil. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5)

Arthrobotrys superba Corda 1839

F-4059 <-- Aleksandrova A.V. DMA MSU, 19Tv. Received as: *Arthrobotrys superba*. Ex: wood. Birch forest, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrobotrys superba Corda 1839

F-4060 <-- Aleksandrova A.V. DMA MSU, 5B. Received as: *Arthrobotrys superba*. Ex: old grass. Mixed forest. Buryatia, Zaigrayevsky District, Dabaty. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrobotrys superba Corda 1839

F-4061 <-- Aleksandrova A.V. DMA MSU, 36P. Received as: *Arthrobotrys superba*. Ex: soil. Mixed forest. Buryatia, Zaigrayevsky District, Dabaty. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrobotrys superba Corda 1839

F-4062 <-- Aleksandrova A.V. DMA MSU, 22M. Received as: *Arthrobotrys superba*. Ex: moss. Mixed forest. Buryatia, Zaigrayevsky District, Dabaty. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Arthrobotrys superba Corda 1839

F-4063 <-- Aleksandrova A.V. DMA MSU, 47B. Received as: *Arthrobotrys superba*. Ex: wood. Mixed forest, mountainous pass Mandrik. Buryatia, Pribaykalsky District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Ascochyta cucumeris Fautrey et Roumeguere 1891

F-2224 <-- DMA MSU, 13S1. Received as: *Ascochyta cucumeris*. Ex: *Cucumis sativus*. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, S-5).

Ascochyta cucumeris Fautrey et Roumeguere 1891

F-2446 <-- DMA MSU, 97. Received as: *Ascochyta cucumeris*. Ex: *Cucumis sativus*, leaf. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([4117](#))

Ascochyta pisi Libert 1830

F-1173 <-- INMI, VKM F-1173 <- EAN, EAN, 10(478). Received as: *Ascochyta pisi*. Ex: *Pisum sativum*. Portugal. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5). ([2064](#), [5174](#))

Ascochyta pisi Libert 1830

F-2445 <-- DMA MSU, 36. Received as: *Ascochyta pisi*. Ex: *Pisum sativum*, beans leaf. USSR. Risk group: no. (Medium [11](#), 25°C, C-8, S-5). ([4117](#))

Ascochyta viciae Libert 1837

F-2444 <-- DMA MSU, 86. Received as: *Ascochyta viciae*. Ex: reisolation from sterilized soil. USSR. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, F-1, S-5). ([4117](#))

Ascoidea rubescens Brefeld 1891

F-13 <-- INMI, VKM F-13 <- CBS, CBS 111.48 <- B. Varicak. Received as: *Ascoidea rubescens*. (CBS 111.48). Ex: tree. near Zagreb. Croatia. Risk group: no. (Medium [13](#), 25°C, C-11, S-5). ([4031](#))

Ascotricha chartarum Berkeley 1838

F-107 <-- INMI, VKM F-107 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 604. Received as: *Chaetomium chartarum*. Synonym: *Chaetomium chartarum* (Berkeley 1838) G. Winter 1885. Ex: book paper with wood inclusions. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, S-4).

Aspergillus aculeatus Iizuka 1953

F-4631 Òype <-- VKPM, VKPM F-1260. Received as: *Aspergillus aculeatus*. (ATCC 16872; CBS 172.66; NRRL 5094; NRRL 20623; VKPM F-1260). Ex: tropical soil. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1).

Aspergillus alliaceus Thom et Church 1926

F-2994 <-- Mirchink T.G. DSB MSU, 170. Received as: *Aspergillus alliaceus*. Ex: chestnut soil. Salsk Steppe. Rostov Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([6687](#), [6766](#), [8258](#))

Aspergillus alliaceus Thom et Church 1926

F-3918 <-- Aleksandrova A.V. DMA MSU, Ap-43. Received as: *Aspergillus alliaceus*. Ex: soil, deep chernozem, slightly humic. Field with crop rotation. Krasnodar Territory, Korzhi. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus alliaceus Thom et Church 1926

F-4385 <-- Aleksandrova A.V. DMA MSU, 709. Received as: *Aspergillus alliaceus*. Ex: soil. Wheatgrass formation (*Agropyron sp.*), Bogdinsk-Baskunchak Reserve. Astrakhan Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus amylovorus Panasenko 1964 ex Samson 1979

F-906 Type <-- INMI, VKM F-906 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 238. Received as: *Aspergillus amylovorus*. (ATCC 18351; CBS 600.67; IMI 129961; MUCL 15648). Ex: wheat starch. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([553](#), [607](#), [1314](#), [5945](#), [6175](#), [8964](#))

Aspergillus asperescens Stolk 1954

F-4001 <-- Aleksandrova A.V. DMA MSU, 22. Received as: *Aspergillus asperescens*. Ex: *Sorex araneus*, fur on litter. Complexed fir-grove, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus asperescens Stolk 1954

F-4353 Neotype <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-1094 <- DSM 871<- Kieslich K. <- ATCC 11079 <- Brian P.W., 385 <- Jeffereys E.G. Received as: *Aspergillus asperescens*. (CBS 110.51; ATCC 11079; DSM 871; IMI 046813; NRRL 2252; NRRL 4770; QM 1946; WB 2252; WB 4770; WB 5038; VKPM F-1094). Ex: soil from cave. Read's Cavern. England, Somerset. UK. DNA sequences: AF433103; CBS 110.51_ex19406_4367 ITS. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus aureolatus Muntanola-Cvetkovic et Bata 1964

F-2144 <-- INMI, VKM F-2144 <- Horticulture University, Budapest, Hungary, KE 3011. Received as: *Aspergillus aureolatus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus aureoterreus Samson et al. 2011

F-2035 Òype <-- INMI, VKM F-2035 <- TUB, QM 7472 <- ATCC, ATCC 16793 <- Raper K.B., WB 1923. Received as: *Aspergillus terreus* var. *aureus*. Synonym: *Aspergillus terreus* Thom 1918 var. *aureus* Thom et Raper 1945. (ATCC 16793; NRRL 1923; CBS 503.65; IFO 30536; IMI 82431; QM 7472; TUB QM7472; WB 1923). Ex: soil. Texas. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [1162](#), [7469](#))

Aspergillus awamori Nakazawa 1915

F-746 <-- INMI, VKM F-746 <- Mirchink T.G. DSB MSU, 1. Received as: *Aspergillus awamori*. Ex: soil. Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([2112](#), [2178](#), [3534](#))

Aspergillus awamori Nakazawa 1915

F-758 <-- INMI, VKM F-758 <- Sizova T.P. DMA MSU. Received as: *Aspergillus*

luchuensis Inui 1901. Synonym *Aspergillus luchuensis* Inui 1901. Georgia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([1796](#), [2112](#), [2178](#), [3534](#), [4382](#))

Aspergillus awamori Nakazawa 1915

F-808 <-- INMI, VKM F-808 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 673. Received as: *Aspergillus awamori*. (BIM F-6). Ex: wheat flour. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([1767](#), [3534](#), [3971](#), [4745](#), [5378](#), [5557](#), [7802](#))

Aspergillus awamori Nakazawa 1915

F-2250 <-- IBPM, IBPM F-359 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Aspergillus awamori*. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([1790](#), [3971](#), [4647](#), [7802](#), [8084](#))

Aspergillus awamori Nakazawa 1915

F-4096 <-- Kozlova A.N. INMI. Received as: *Aspergillus sp.* Ex: tanning raw material. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus awamori Nakazawa 1915

F-4632 Neotype <-- VKPM, VKPM F-1262. Received as: *Aspergillus awamori*. (ATCC 16877; CBS 557.65; NRRL 4948; VKPM F-1262). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus awamori Nakazawa 1915 var. *fumeus* Nakazawa et al. 1936

F-437 <-- INMI, VKM F-746 <- Krassilnikov N.A.DSB MSU <- Japan. Received as: *Aspergillus awamori*. (BIM F-7). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2112](#), [2178](#))

Aspergillus brasiliensis Varga et al. 2007

F-1119 <-- INMI, VKM F-1119 <- Afrikyan E.G. INMI <- ATCC, ATCC 9642. Received as: *Aspergillus niger*. Other name: *Aspergillus niger* van Tieghem 1867. (ATCC 9642; CBS 246.65; CCRC 31512; DSM 63263; FERM S-2; IFO 6342; IMI 91855; NRRL A-5243; NRRL A-3536; QM 386). Ex: radio set. Sydney. Australia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([9123](#), [8877](#), [8686](#), [8658](#), [8900](#), [9135](#), [590](#), [1014](#), [1276](#), [1321](#), [1620](#), [1812](#), [2112](#), [2150](#), [2153](#), [2178](#), [2232](#), [3364](#), [3421](#), [3437](#), [3687](#), [4043](#), [3954](#), [4031](#), [4238](#), [4121](#), [4155](#), [4169](#), [4314](#), [4732](#), [4744](#), [4925](#), [5062](#), [5179](#), [5341](#), [5371](#), [5477](#), [5488](#), [5808](#), [5809](#), [5849](#), [5859](#), [5881](#), [5953](#), [5998](#), [6016](#), [6150](#), [6222](#), [6261](#), [6311](#), [6346](#), [7013](#), [6408](#), [6506](#), [6521](#), [6526](#), [6575](#), [6611](#), [6645](#), [6654](#), [6707](#), [6974](#), [6976](#), [7107](#), [7131](#), [7210](#), [7213](#), [7392](#), [7449](#), [7571](#), [7601](#), [7602](#), [7625](#), [7719](#), [7731](#), [7786](#), [7749](#), [7750](#), [7766](#), [7775](#), [7798](#), [7799](#), [7801](#), [7819](#), [7830](#), [7863](#), [8041](#), [8123](#), [8130](#), [8163](#), [8169](#), [8228](#), [9039](#), [8929](#), [8676](#), [8784](#), [8812](#))

Aspergillus brasiliensis Varga et al. 2007

F-3882 <-- Terekhova L. P. G.F. Gause Institute of New Antibiotics, Moscow, Russia <- ATCC, ATCC 16404. Received as: *Aspergillus niger*. Other name: *Aspergillus niger* van Tieghem 1867. (ATCC 16404; CBS 733.88;

CECT 2574; DSM 1387; DSM 1988; IFO 9455; IHEM 3794; IMI 149007; IP 1431.83; MUCL 29039; MUCL 30113; NCPF 2275). Ex: *Vaccinium myrtillus*, berry. North Carolina. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus brunneouniseriatus Suj. Singh et B.K. Bakshi 1961

F-3566 <-- Egorova A.V. DMA MSU, 68. Received as: *Aspergillus brunneouniseriatus*. Ex: sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk group: 4. (Medium [12](#), 25°C, C-8, F-1)

Aspergillus caespitosus Raper et Thom 1944

F-2143 <-- INMI, VKM F-2143 <- Horticulture University, Budapest, Hungary, KE 3010. Received as: *Aspergillus caespitosus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus caespitosus Raper et Thom 1944

F-3643 <-- Zhelifonova V.P. IBPM, AB-2. Received as: *Aspergillus caespitosus*. Ex: poly-beta-hydroxybutyrate. IBPM RAS. Moscow Region, Pushchino. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([4744](#), [7952](#), [8002](#))

Aspergillus calidoustus Varga et al. 2008

F-4690 <-- VKM IBPM, VKM FW-396. Received as: *Aspergillus ustus*. Ex: sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus calidoustus Varga et al. 2008

F-4691 <-- VKM IBPM, VKM FW-402. Received as: *Aspergillus ustus*. Ex: thermal landscape soil. Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus calidoustus Varga et al. 2008

F-4697 <-- VKM IBPM, VKM FW-2030. Received as: *Aspergillus ustus*. Ex: buried soil, chestnut solonetz saline, B1 horizon, depth 17-34 cm, age 2100 years. Mound group Peregruznoe 2001, mound No. 18. Volgograd Region, Oktyabrsky District. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus calidoustus Varga et al. 2008

F-4699 <-- VKM IBPM, VKM FW-2772. Received as: *Aspergillus ustus*. Ex: permafrost, hole 2/89, depth 31,50 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus calidoustus Varga et al. 2008

F-4700 <-- VKM IBPM, VKM FW-2777. Received as: *Aspergillus ustus*. Ex: permafrost, hole 2/89, depth 36,00 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus calidoustus Varga et al. 2008

F-4701 <-- VKM IBPM, VKM FW-2782. Received as: *Aspergillus ustus*. Ex: permafrost, hole 2/89, depth 54,30 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus calidoustus Varga et al. 2008

F-4702 <-- VKM IBPM, VKM FW-2798. Received as: *Aspergillus ustus*. Ex: permafrost, hole 3/90, depth 11,00 m. Kolyma Lowland, Krestovka River, right bank, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus candidus Link 1809

F-18 <-- INMI, VKM F-18 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 590. Received as: *Aspergillus candidus*. Ex: ancient paper book. Russian State Library. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([2232](#))

Aspergillus candidus Link 1809

F-19 <-- INMI, VKM F-19 <- CMI, IMI 16146ii. Received as: *Aspergillus candidus*. (IMI 16146ii; NCTC 3798). Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Aspergillus candidus Link 1809

F-2575 <-- IBPM, IBPM F-215-2 <- DMA MSU. Received as: *Aspergillus candidus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus candidus Link 1809

F-3563 <-- Egorova A.V. DMA MSU, 87. Received as: *Aspergillus candidus*. Ex: soddy-medium podzolic soil. Floodplain meadow, potato field, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, F-1)

Aspergillus candidus Link 1809

F-3908 <-- Aleksandrova A.V. DMA MSU, 13, 14. Received as: *Aspergillus candidus*. Ex: *Clethrionomys glareolus*, fur on litter. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5462](#), [6192](#), [7779](#))

Aspergillus carbonarius (Bainier 1880) Thom 1916

F-21 <-- INMI, VKM F-21 <- Brotskaya S.Z. INMI <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 77/T. Received as: *Aspergillus carbonarius*. (LF F-2018). Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([3534](#), [4031](#))

Aspergillus carneus (van Tieghem 1877) Blochwitz in Thom and Raper 1945

F-744 <-- INMI, VKM F-744 <- Mirchink T.G. DSB MSU, 17. Received as: *Aspergillus carneus*. Ex: soil. Azerbaijan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus carneus (van Tieghem 1877) Blochwitz in Thom and Raper 1945

F-2986 <-- DSB MSU. Received as: *Aspergillus carneus*. Ex: soil, typical sierozem. Khatlon Region, Yavan District. Tajikistan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus clavatus Desmazieres 1834

F-22 <-- INMI, VKM F-22 <- CMI, IMI 16126. Received as: *Aspergillus clavatus*. Ex: culture contaminant. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1783](#), [1812](#), [3534](#))

Aspergillus clavatus Desmazieres 1834

F-738 <-- INMI, VKM F-738 <- Mirchink T.G. DSB MSU, 59. Received as: *Aspergillus clavatus*. Ex: soil. Pamir Mountains. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3534](#))

Aspergillus clavatus Desmazieres 1834

F-802 <-- INMI, VKM F-802 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 295. Received as: *Aspergillus clavatus*. Ex: beer. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1783](#), [3534](#))

Aspergillus clavatus Desmazieres 1834

F-912 <-- INMI, VKM F-912 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 64158. Received as: *Aspergillus chevalieri*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1783](#))

Aspergillus clavatus Desmazieres 1834

F-1330 <-- INMI, VKM F-1330 <- Milko A.A., 1108. Received as: *Aspergillus clavatus*. Ex: forest soil. Vladivostok. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1084](#), [1783](#), [3534](#))

Aspergillus clavatus Desmazieres 1834

F-1594 <-- INMI, VKM F-1594 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 53534. Received as: *Aspergillus clavatus*. Ex: litter. Birch planting. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1783](#), [3534](#))

Aspergillus clavatus Desmazieres 1834

F-2608 <-- IBPM, IBPM F-398 <- VIZR, 2654. Received as: *Aspergillus clavatus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3534](#))

Aspergillus clavatus Desmazieres 1834

F-3913 <-- Aleksandrova A.V. DMA MSU, Ap-25. Received as: *Aspergillus clavatus*. Ex: *Sorex caecutiens*, fur on litter. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus clavatus Desmazieres 1834

F-4469 Neotype <-- DSMZ, DSM 816. Received as: *Aspergillus clavatus*. (ATCC 1007;

ATCC 9598; ATCC 9602; CBS 513.65; CECT 2674; DSM 816; IMI 015949; IMI 015949iii; IMI 015949iv; IMI 015949v; LSHB Ac86; LSHB Ac95; NCTC 3887; NCTC 978; NRRL 1; NRRL 1656; QM 1276; QM 7404; WB 1). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus crustosus Raper et Fennell 1965

F-4386 <-- Aleksandrova A.V. DMA MSU, 718. Received as: *Aspergillus crustosus*. Ex: soil. Black sagebrush formation (*Artemisia pauciflora*), Bogdinsk-Baskunchak Reserve. Astrakhan Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus duricaulis Raper et Fennell 1965

F-3572 Ôype <-- JCM, JCM 01735. Received as: *Aspergillus duricaulis*. (ATCC 16900; CBS 481.1965; IMI 172282; JCM 01735; WB 4021). Ex: soil. Argentina. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([2740](#), [2775](#), [6504](#))

Aspergillus echinulatus (Delacroix 1893) Thom et Church 1926

F-2141 <-- INMI, VKM F-2141 <- Horticulture University, Budapest, Hungary, KE 3005. Received as: *Aspergillus echinulatus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus ficuum (Reichardt 1867) Thom et Currie 1916

F-3609 <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-724 <- DSMZ 932 <-- NRRL 3135. Received as: *Aspergillus ficuum*. (DSM 932; MUCL 31164; NRRL 3135; VKPM F-724). Ex: soil. Risk group: 4. (Medium [13](#), 25°C, C-8, D-4, F-1). ([2939](#), [2940](#))

Aspergillus fischeri Wehmer 1907

F-23 <-- INMI, VKM F-23 <- ISSA, 38. Received as: *Aspergillus fischeri*. (BIM F-69). Ex: long-term irrigated soil, Sierozem. Azerbaijan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2153](#), [2232](#), [5348](#), [6916](#))

Aspergillus fischeri Wehmer 1907

F-1160 <-- INMI, VKM F-1160 <- Mirchink T.G. DSB MSU, 11(2.28a). Received as: *Aspergillus fischeri*. Ex: soil. Guinea. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus fischeri Wehmer 1907

F-1983 <-- INMI, VKM F-1983 <- Mirchink T.G. DSB MSU, 19. Received as: *Aspergillus fischeri*. Ex: soil. Azerbaijan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus fischeri Wehmer 1907

F-2040 <-- INMI, VKM F-2040 <- TUB, CBS 101.12. Received as: *Aspergillus fischeri*. (CBS 101.12; TUB CBS 101.12). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus fischeri Wehmer 1907

F-3562 <-- Egorova A.V. DMA MSU, 69. Received as: *Aspergillus fischeri*. Ex:

sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk group: 4. (Medium [12](#), 25°C, C-8, F-1)

Aspergillus fischeri Wehmer 1907

F-3916 <-- Aleksandrova A.V. DMA MSU, Ap-38. Received as: Neosartorya fischeri (Wehmer 1907) Malloch et Cain 1973. Ex: Triticum **sp.**, grain. Field with crop rotation. Krasnodar Territory, Korzhi. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus flavipes (Bainier et R. Sartory 1911) Thom et Church 1926

F-739 <-- INMI, VKM F-739 <- Mirchink T.G. DSB MSU, 16. Received as: Aspergillus flavipes. Ex: soil. Azerbaijan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus flavipes (Bainier et R. Sartory 1911) Thom et Church 1926

F-2990 <-- Mirchink T.G. DSB MSU, 176. Received as: Aspergillus flavipes. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus flavipes (Bainier et R. Sartory 1911) Thom et Church 1926

F-4308 <-- Aleksandrova A.V. DMA MSU, S 257. Received as: Aspergillus flavipes. Ex: litter, mostly Dipterocarpus alatus. Riverside monsoon semi-deciduous polydominant forest with the dominance of Dipterocarpus alatus. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus flavus Link 1809

F-25 <-- INMI, VKM F-25 <- CMI, IMI 16145 <- CBS, CBS 109.45 <- Thom C., 108 <- NCTC, NCTC 596. Received as: Aspergillus flavus. (AHU 7046; ATCC 1003; CBS 109.45; IMI 16145; LSHB Ac.16; NCTC 596; NRRL 482; NRRL 1271; QM 6737). Risk group: 3. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1812](#), [4823](#))

Aspergillus flavus Link 1809

F-26 <-- INMI, VKM F-26 <- Afrikyan E.G. Institute of Microbiology Scientific and Production Center Armbiotechnology, Erevan, Armenia <- LCP, LCP 50. Received as: Aspergillus flavus. (LCP 50). Ex: telephone equipment. Indochina. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1). ([1796](#))

Aspergillus flavus Link 1809

F-27 <-- INMI, VKM F-27 <- Brotskaya S.Z. INMI, 2 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 2. Received as: Aspergillus flavus. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus flavus Link 1809

F-747 <-- INMI, VKM F-747 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 293. Received as: Aspergillus flavus. Ex: Hordeum sativum, grain. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1796](#), [6280](#), [6291](#), [7900](#), [8060](#))

Aspergillus flavus Link 1809

F-765 <-- INMI, VKM F-765 <- Ukrainian Scientific Research Institute of Food

Industry, Kharkov, Ukraine, 88. Received as: *Aspergillus varians* Wehmer 1897. Ex: biscuit. Kharkov. Ukraine. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1796](#))

Aspergillus flavus Link 1809

F-1024 <-- INMI, VKM F-1024 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 10277-29. Received as: *Aspergillus flavus*. Ex: soil. Donetsk Region. Ukraine. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1). ([9123](#), [3534](#), [3719](#), [3812](#), [5378](#), [5462](#), [5604](#), [6192](#), [7012](#), [6961](#), [7633](#), [7640](#), [8979](#))

Aspergillus flavus Link 1809

F-2038 <-- INMI, VKM F-2038 <- TUB, OKI 54. Received as: *Aspergillus elegans*. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus flavus Link 1809

F-2485 <-- Russian scientific Research institute Electronstandart, Saint Petersburg, Russia, 28-I. Received as: *Aspergillus flavus*. Ex: rubber. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus flavus Link 1809

F-4633 Neotype <-- VKPM, VKPM F-1271. Received as: *Aspergillus flavus*. (CBS 100927; CBS 569.65; NRRL 1957; ATCC 16883; IMI 124930; LCP 89.2565; WB 1957; VKPM F-1271). Ex: cellophane. South Pacific Islands. Risk group: 3. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus flavus Link 1809 var. *columnaris* Raper et Fennell 1965

F-2585 <-- IBPM, IBPM F-211 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, RM-103. Received as: *Aspergillus flavus* var. *columnaris*. Ex: oil painting. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus foetidus Thom et Raper 1945

F-2083 <-- INMI, VKM F-2083 <- CCM, CCM F-273 <- Mitchell A.D., UBC 872. Received as: *Aspergillus foetidus*. (CCM F-273). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([512](#), [1913](#))

Aspergillus giganteus Wehmer 1901

F-29 <-- INMI, VKM F-29 <- CMI, IMI 24256 <- LSHB BB.128. Received as: *Aspergillus giganteus*. (CBS 117.45; IMI 24256; LSHB BB.128; UC 4342). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2232](#), [3534](#))

Aspergillus giganteus Wehmer 1901

F-3917 <-- Aleksandrova A.V. DMA MSU, Ap-41. Received as: *Aspergillus giganteus*. Ex: soil, deep chernozem, slightly humic. Field with crop rotation. Krasnodar Territory, Korzhi. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus gorakhpurensis Kamal et Bhargava 1969

F-4309 <-- Aleksandrova A.V. DMA MSU, S 260. Received as: *Aspergillus*

gorakhpurensis. Ex: dark margalite-ferralite soil on weathered basalt. Lowland monsoon semi-deciduous polydominant secondary forest with the domination of Lagerstroemia calyculata. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus hennebergii Blochwitz 1935

F-4392 <-- CBS, CBS 118.35. Received as: *Aspergillus hennebergii*. DNA sequences: EU821246; EU821313. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus janus Raper et Thom 1944

F-4310 <-- Aleksandrova A.V. DMA MSU, S 261. Received as: *Aspergillus janus*. Ex: alluvial sandy soil. Riverside monsoon semi-deciduous polydominant forest with the dominance of Dipterocarpus alatus. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus japonicus Saito 1906

F-2145 <-- INMI, VKM F-2145 <- Horticulture University, Budapest, Hungary, KE 3013. Received as: *Aspergillus japonicus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1070](#), [1115](#), [1910](#), [1926](#), [1960](#), [2010](#), [2051](#), [2102](#), [3534](#), [4180](#), [4206](#), [4207](#))

Aspergillus japonicus Saito 1906

F-3909 <-- Aleksandrova A.V. DMA MSU, Ap-6. Received as: *Aspergillus japonicus*. Ex: podzolic soil, A1 horizon. Deadcovering fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus japonicus Saito 1906

F-4120 Neotype <-- CBS, CBS 114.51. Received as: *Aspergillus japonicus*. (CBS 114.51). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus japonicus Saito 1906

F-4311 <-- Aleksandrova A.V. DMA MSU, S 262. Received as: *Aspergillus japonicus*. Ex: alluvial sandy soil. Riverside monsoon semi-deciduous polydominant forest with the dominance of Dipterocarpus alatus. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus kanagawaensis Nehira 1951

F-1331 <-- INMI, VKM F-1331 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1886. Received as: *Aspergillus kanagawaensis*. (BIM F-68; CBS 423.68; IMI 134108; TUB VKM F-1331). Ex: forest soil. Zakarpattia Region, Mezghorye. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [2232](#), [7462](#))

Aspergillus kanagawaensis Nehira 1951

F-1332 <-- INMI, VKM F-1332 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1953. Received as: *Aspergillus kanagawaensis*. (CBS 424.68; IMI

133981). Ex: forest soil. Zakarpattya Region, Mezhgorye. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2156](#))

Aspergillus leporis States et M. Christensen 1966

F-4634 Holotype <-- VKPM, VKPM F-1263. Received as: *Aspergillus leporis*. (ATCC 16490; CBS 151.66; NRRL 3216, NRRL A-14256, NRRL A-15810; VKPM F-1263). Ex: dung of *Lepus townsendii*. Sagebrush community. Wyoming, near Saratoga. USA. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus melleus Yukawa 1911

F-57 <-- INMI, VKM F-57 <- CMI, IMI 1177. Received as: *Aspergillus quercinus*. Synonym: *Aspergillus quercinus* (Bainier 1881) Thom et Church 1926. (IMI 1177). Ex: Citrus aurantium. Rehovot. Israel. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus melleus Yukawa 1911

F-761 <-- INMI, VKM F-761 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 105. Received as: *Aspergillus melleus*. Synonym *Aspergillus quercinus* (Bainier 1881) Thom et Church 1926. (LF F-2024). Ex: Medicago **sp.** Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3054](#))

Aspergillus melleus Yukawa 1911

F-4312 <-- Aleksandrova A.V. DMA MSU, S 263. Received as: *Aspergillus melleus*. Ex: dark margalite-ferralite soil on weathered basalt. Lowland mosoon semi-deciduous plydominant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus neoaffricanus Samson et al. 2011

F-2037 Òype <-- INMI, VKM F-2037 <- TUB, QM 1913 <- ATCC, ATCC 16792. Received as: *Aspergillus terreus* var. *africanus*. Synonym: *Aspergillus terreus* Thom 1918 var. *africanus* Fennell et Raper 1955. (ATCC 16792; CBS 130.55; IMI 61457; NRRL 2399; NRRL A-3175; OKI 54; QM 1913; TUB OKI54; QM 1913; WB 2399). Ex: soil. Ghana. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [546](#), [1088](#))

Aspergillus neoniveus Samson et al. 2011

F-4318 <-- Aleksandrova A.V. DMA MSU, S 279. Received as: *Fennellia nivea*. Synonym: *Fennellia nivea* (B.J. Wiley et E.G. Simmons 1973) Samson 1979. Ex: dark margalite-ferralite soil on weathered basalt. Lowland mosoon semi-deciduous plydominant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-31 <-- INMI, VKM F-31 <- Afrikyan E.G. Institute of Microbiology Scientific and Production Center Armbiotechnology, Erevan, Armenia, 664 <- LCP, LCP 664. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans*

(Eidam 1883) Vuillemin 1927. (LCP 664). Ex: *Linum sp.*, seeds. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2232](#))

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-32 <-- INMI, VKM F-32 <- National Research Center of Antibiotics, Moscow, Russia, RIA 282B. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. Ex: soil. Middle Asia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-763 <-- INMI, VKM F-763 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 758. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. Ex: rye flour. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3534](#))

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-1288 <-- INMI, VKM F-1288 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 5710. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. Ex: maize rhizosphere, *Zea mays*. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-1560 <-- INMI, VKM F-1560 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 565. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-1562 <-- INMI, VKM F-1562 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 567. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-1567 <-- INMI, VKM F-1567 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 56458. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. Ex: litter. Beech planting, Goloseevsky park. Kiev. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-3659 <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-255 <- Russian scientific Research institute Electronstandart, Saint Petersburg, Russia 7-TE. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. (VKPM F-255). Ex: soil. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5)

Aspergillus nidulans (Eidam 1883) G. Winter 1884

F-3921 <-- Aleksandrova A.V. DMA MSU, 14, 4. Received as: *Aspergillus nidulans*. State: tm - *Emericella nidulans* (Eidam 1883) Vuillemin 1927. Ex: *Sorex caecutiens*, fur. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus niger van Tieghem 1867

F-37 <-- INMI, VKM F-37 <- Brotskaya S.Z. INMI <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia <- VNIISP. Received as: *Aspergillus niger*. Ex: *Cichorium intybus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus niger van Tieghem 1867

F-412 <-- INMI, VKM F-412 <- Afrikyan E.G. Institute of Microbiology Scientific and Production Center Armbiotechnology, Erevan, Armenia, 521 <- LCP, LCP 521. Received as: *Sterigmatocystis nigra*. Synonym *Sterigmatocystis nigra* (van Tieghem 1867) Saccardo 1877. (LCP 521). Ex: termitary. Etoumbi. Congo (DRC). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1447](#), [1452](#), [8158](#))

Aspergillus niger van Tieghem 1867

F-801 <-- INMI, VKM F-801 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 76. Received as: *Aspergillus niger*. (TUB VKM F-801). Ex: biscuit. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3702](#))

Aspergillus niger van Tieghem 1867

F-2039 <-- INMI, VKM F-2039 <- TUB, ATCC 6275 <- ATCC, ATCC 6275 <- Thom C. 4247. Received as: *Aspergillus niger*. (ATCC 6275; CBS 769.97; CBS 131.52; CCRC 32073; CECT 2807; IFO 6341; DSM 1957; FERM S-1; IMI 45551; MR A-32-10; MZKI A-98; MZKI A-148; NCIM 596; NCIM 773; NHL ATCC6275; NRRL 334; QM 324; QM 458; TUB ATCC6275; USDATC 215- 42; VTT D-81078; WB 334). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([9067](#), [8897](#), [8950](#), [1086](#), [1164](#), [1166](#), [1297](#), [6936](#), [7145](#), [7148](#), [7558](#), [8053](#))

Aspergillus niger van Tieghem 1867

F-2092 <-- INMI, VKM F-2092 <- TUB, ATCC 16620 <- ATCC, ATCC 16620 <- Cooke W.B., AM5-33. Received as: *Aspergillus niger*. (ATCC 16620; TUB ATCC16620). Ex: acid pond water. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([161](#), [1160](#), [1178](#), [1240](#), [1303](#), [1747](#), [1968](#), [2056](#), [4031](#), [6808](#), [7802](#))

Aspergillus niger van Tieghem 1867

F-2093 <-- INMI, VKM F-2093 <- TUB, NRRL 322 <- NRRL, NRRL 322. Received as: *Aspergillus niger*. (ATCC 1004; CBS 104.57; IMI 31276; IMI 50565i; IMI 50565ii; LSHB Ac.2; LSHB Ac.13; NCIM 1005; NCTC 594; NCTC 3902; NRRL 322; TUB NRRL322; WB 322;). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1302](#))

Aspergillus niger van Tieghem 1867

F-2259 <-- IBPM, IBPM F-212 <- VIZR. Received as: *Aspergillus niger*. Ex: Punica granatum, fruit. Tashkent. Uzbekistan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8090](#), [1644](#), [1744](#), [1757](#), [1758](#), [5174](#), [5378](#), [5456](#), [5604](#), [5626](#), [5714](#), [5741](#), [6418](#), [6824](#), [7234](#), [7585](#))

Aspergillus niger van Tieghem 1867

F-2481 <-- Russian scientific Research institute Electronstandart, Saint Petersburg, Russia, 31-C. Received as: *Aspergillus niger*. Ex: dust. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([7663](#))

Aspergillus niger van Tieghem 1867

F-2754 <-- Rudakov O.L. INMI, VKM MF-185. Received as: *Aspergillus niger*. Ex: fungus, *Scolicotrichum vitiphyllum*. Afghanistan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([9113](#), [1368](#))

Aspergillus niger van Tieghem 1867

F-3747 <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-745. Received as: *Aspergillus niger*. (ATCC 9029; CBS 120.49; CECT 2088; DSM 2466; IMI 41876; MUCL 30480; MZKI A-158; NRRL 3; NRRL 566; VTT D-85240; WB 3; WB 566; VKPM F-745). USA. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([3777](#), [4266](#), [6592](#))

Aspergillus niger van Tieghem 1867

F-3883 Neotype <-- CDBB, CDBB-H-176, Mexico. Received as: *Aspergillus niger*. (ATCC 16888; CBS 554.65; CDBB H-176; IFO 33023; IHEM 3415; IMI 50566; NRLL 326; NRRL 2766; JCM 10254; WB 326; WB 500). Ex: tannin-gallic acid fermentation. Connecticut. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus niger van Tieghem 1867

F-4393 <-- Shestakova K.S. All-Russian Research Institute of Vegetable Breeding and Seed Production, Moscow Region, Russia, L1. Received as: *Aspergillus niger*. Ex: *Allium cepa*, soft scale. Moscow Region, Odintsovo District, VNISSOK. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus niveus Blochwitz 1929

F-440 <-- INMI, VKM F-440 <- National Research Center of Antibiotics, Moscow, Russia, RIA 134. Received as: *Aspergillus proliferans*. (RIA 134). Ex: soil. Mexico. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Aspergillus niveus Blochwitz 1929

F-2251 <-- IBPM, IBPM F-215 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 150. Received as: *Aspergillus candidus*. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus niveus Blochwitz 1929

F-2267 <-- IBPM, IBPM F-232 <- DMA MSU. Received as: *Aspergillus sulphureus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus nomius Kurtzman et al. 1987

F-4313 <-- Aleksandrova A.V. DMA MSU, S 266. Received as: *Aspergillus nomius*. Ex: litter, mostly *Dipterocarpus alatus*. Riverside monsoon semi-deciduous polydominant forest with the dominance of *Dipterocarpus alatus*. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus nomius Kurtzman et al. 1987

F-4635 Holotype <-- VKPM, VKPM F-1264. Received as: *Aspergillus nomius*. (ATCC 15546; CBS 260.88; IMI 331920; NRRL 13137; VKPM F-1264). Ex: *Triticum aestivum* mouldy. Illinois, Peoria. USA. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus nutans McLennan et Ducker 1954

F-1592 <-- INMI, VKM F-1592 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 58617. Received as: *Aspergillus nutans*. (BIM F-65). Ex: soil. Hornbeam planting. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus nutans McLennan et Ducker 1954

F-3910 <-- Aleksandrova A.V. DMA MSU, Ap-12. Received as: *Aspergillus nutans*. Ex: podzolic soil, A1 horizon. Aspen-alder forest with spruce underwood, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus ochraceus G. Wilhelm 1877

F-43 <-- INMI, VKM F-43 <- CMI, IMI 16264 <- Thom C., 4399 <- NCTC, NCTC 979. Received as: *Aspergillus ochraceus*. (ATCC 1009; CBS 116.39; IMI 16264; LSHB Ac.23; NCTC 979; NRRL 403). Ex: Japanese bread. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2232](#), [4823](#))

Aspergillus ochraceus G. Wilhelm 1877

F-830 <-- INMI, VKM F-830 <- MW. Received as: *Aspergillus ochraceus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([6914](#), [7723](#), [7674](#))

Aspergillus ochraceus G. Wilhelm 1877

F-1982 <-- INMI, VKM F-1982 <- Mirchink T.G. DSB MSU, 160. Received as: *Aspergillus ochraceus*. Ex: litter. Fir-grove, 80 years old, Valdai Hills. Novgorod Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5134](#), [5378](#))

Aspergillus ochraceus G. Wilhelm 1877

F-2228 <-- Kuznetsov V.D. INMI. Received as: *Aspergillus ochraceus*. Ex: water. Nero Lake. Yaroslavl Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus ochraceus G. Wilhelm 1877

F-2260 <-- IBPM, IBPM F-231 <- DMA MSU. Received as: *Aspergillus ochraceus*. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Aspergillus ochraceus G. Wilhelm 1877

F-3946 <-- Sazykina M.A. Azov Scientific Research Institute of the Fishing Industry, Rostov-na-Donu, Russia, 12. Received as: *Aspergillus ochraceus*. Ex: water. Pool for the maintenance of russian sturgeon, Temryuksky sturgeon-breeding factory. Krasnodar Territory, Temryuk. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus ochraceus G. Wilhelm 1877

F-3963 <-- Legonkova O.A. DMA MSU, 8G. Received as: *Aspergillus ochraceus*. Ex: polyamide-6,6,10, placed in agrochanged soddy-podzolic middle loam soil. Tula Region. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus ochraceus G. Wilhelm 1877

F-4314 <-- Aleksandrova A.V. DMA MSU, S 267. Received as: *Aspergillus ochraceus*. Ex: litter, mostly *Lagerstroemia calyculata*. Lowland mosoon semi-deciduous pldomimant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus ochraceus G. Wilhelm 1877

F-4550 Neotype <-- Almac Sciences, Northern Ireland, DSM-824. Received as: *Aspergillus ochraceus*. (ATCC 1008; CBS 108.08; CBS 547.65; CECT 2093; DSM 824; IMI 016247; IMI 016247iii; IMI 016247iv; LCP 89.2564; LSHB Ac40; NCTC 3889; NRRL 1642; NRRL 398; QM 6731; WB 398). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus oryzae (Ahlburg 1878) E. Cohn 1884

F-55 <-- INMI, VKM F-55 <- CMI, IMI 17299 <- Chapman A.C. <- NCTC 965. Received as: *Aspergillus oryzae*. (IMI 17299; NCTC 965; TUB VKM F-55). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3534](#), [5690](#), [7775](#))

Aspergillus oryzae (Ahlburg 1878) E. Cohn 1884

F-56 <-- INMI, VKM F-56 <- CMI, IMI 44241 <- Walker T.K. <- ATCC, ATCC 7252. Received as: *Aspergillus oryzae*. (ATCC 7252; CCRC 30102; IMI 44241). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([467](#), [3534](#))

Aspergillus oryzae (Ahlburg 1878) E. Cohn 1884

F-2094 Ôype <-- INMI, VKM F-2094 <- TUB <- NRRL, NRRL 447. Received as: *Aspergillus oryzae*. (AHU 1011; ATCC 1011; ATCC 4814; ATCC 7561; ATCC 9102; ATCC 12891; CBS 102.07; CCRC 30289; IAM 13118; IFO 4075; IFO 5375; IMI 16266; IMI 44242; JCM 2239; LSHB Ac.19; NCTC 598; NRRL 447; NRRL 692; QM 6735; TUB NRRL 447; WB 447;). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2153](#), [2231](#), [3534](#))

Aspergillus oryzae (Ahlburg 1878) E. Cohn 1884

F-2095 <-- INMI, VKM F-2095 <- TUB <- NRRL, NRRL 451. Received as: *Aspergillus oryzae*. (ATCC 16868; CBS 570.65; CCRC 30174; NRRL 451; TUB NRRL451; WB 451). Ex: chinese soy sauce. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2153](#), [2231](#), [3534](#))

Aspergillus oryzae (Ahlburg 1878) E. Cohn 1884

F-2097 <-- INMI, VKM F-2097 <- TUB <- NRRL, NRRL 2217. Received as: *Aspergillus oryzae*. (ATCC 11493; CCRC 30118; IMI 52144; NRRL 2217; TUB NRRL2217; VTT D-88352). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([647](#), [3534](#))

Aspergillus oryzae (Ahlburg 1878) E. Cohn 1884 var. *effusus* (Tiraboschi 1908) Y. Ohara 1951

F-2142 <-- INMI, VKM F-2142 <- Horticulture University, Budapest, Hungary, KE 3004. Received as: *Aspergillus effusus*. Synonym *Aspergillus effusus* Tiraboschi 1908. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus pallidus Kamyschko 1963

F-1136 Type <-- INMI, VKM F-1136 <- Kamyschko O.P. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 2285. Received as: *Aspergillus pallidus*. (ATCC 18327; CBS 344.67; IMI 129967; MUCL 15628). Ex: soil. Rumania. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([24](#))

Aspergillus parasiticus Speare 1912

F-4636 Neotype <-- VKPM, VKPM F-1267. Received as: *Aspergillus parasiticus*. (ATCC 1018; ATCC 6474; ATCC 7865; CBS 103.13, CBS 100926; IFO 4082; IFO 4351; IMI 15957; LCP 89.2566; LSHB Ac 14; NCTC 975; NRRL 502; NRRL 1731; NRRL 3315; NRRL A-13360; NRRL A-14693; VKPM F-1267; WB 502). Ex: *Pseudococcus calceolariae*. Kauai Island. Hawaii. USA. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus parvulus G. Smith 1961

F-1593 <-- INMI, VKM F-1593 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 55807. Received as: *Aspergillus parvulus*. Ex: soil. Oak planting. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus penicilliformis Kamyschko 1963

F-1138 Type <-- INMI, VKM F-1138 <- Kamyschko O.P. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 202915. Received as: *Aspergillus penicilliformis*. (ATCC 18328; CBS 622.67; IMI 129968; IMI 132431). Ex: soil under tobacco-plant. Republic of Moldova. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([24](#))

Aspergillus penicillioides Spegazzini 1896

F-4354 <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-1095 <- DSM 1623 <- Imai M., Gi-4. Received as: *Aspergillus penicillioides*. Synonym: *Aspergillus vitricola* Ohtsuki 1962. (DSM 1623; VKPM F-1095). Risk group: 4. (Medium [24](#), 25°C, D-4, F-1)

Aspergillus penicillioides Spegazzini 1896

F-4838 <-- Antropova A.B. I. Mechnikov NIIVS. Received as: *Aspergillus*

penicillioides. Ex: house dust mites, Dermatophagoides **sp.**, laboratory culture. Moscow. Russia. Risk group: 4. (Medium [22](#), 25°C, D-4, F-1)

Aspergillus phoenicis (Corda 1840) Thom et Currie 1916

F-2084 <-- INMI, VKM F-2084 <- CCM, CCM F-286 <- CBS, CBS 139.48. Received as: *Aspergillus phoenicis*. Synonym: *Aspergillus velutinus* Mosseray 1934 Type strain. (CCM F-286; WB 4877). Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3534](#))

Aspergillus proliferans G. Smith 1943

F-3920 <-- Aleksandrova A.V. DMA MSU, 17, 8. Received as: *Aspergillus proliferans*. Ex: *Clethrionomys glareolus*, fur. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus pseudodeflectus Samson et Mouchacca 1975

F-1861 <-- INMI, VKM F-1861 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 539. Received as: *Aspergillus insuetus*. Other name: *Aspergillus insuetus* (Bainier 1908) Thom et Church 1929. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([5697](#))

Aspergillus quadrilineatus Thom et Raper 1939

F-2069 <-- INMI, VKM F-2069 <- IBPM, IBPM F-214 <- DMA MSU. Received as: *Aspergillus quadrilineatus*. State: tm - *Emericella quadrilineata* (Thom et Raper 1939) C.R. Benjamin 1955. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([6408](#))

Aspergillus quadrilineatus Thom et Raper 1939

F-2262 <-- IBPM, IBPM F-214 <- DMA MSU. Received as: *Aspergillus quadrilineatus*. State: tm - *Emericella quadrilineata* (Thom et Raper 1939) C.R. Benjamin 1955. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus quadrilineatus Thom et Raper 1939

F-2992 <-- Mirchink T.G. DSB MSU, 128. Received as: *Aspergillus quadrilineatus*. State: tm - *Emericella quadrilineata* (Thom et Raper 1939) C.R. Benjamin 1955. Ex: soil. India. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus raperi Stolk et J.A. Meyer 1957

F-4315 <-- Aleksandrova A.V. DMA MSU, S 268. Received as: *Aspergillus raperi*. Ex: dark margalite-ferralite soil on weathered basalt. Lowland mosoon semi-deciduous plydomimant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus raperi Stolk et J.A. Meyer 1957

F-4316 <-- Aleksandrova A.V. DMA MSU, S 269. Received as: *Aspergillus raperi*. Ex: litter, mostly *Lagerstroemia calyculata*. Lowland mosoon semi-deciduous plydomimant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus repens (Corda 1842) Saccardo 1882

F-58 <-- INMI, VKM F-58 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 11. Received as: *Aspergillus repens*. Ex: ancient paper book. Russian State Library. Moscow. Russia. Risk group: 4. (Medium [24](#), 25°C, D-4, F-1, S-5)

Aspergillus repens (Corda 1842) Saccardo 1882

F-1023 <-- INMI, VKM F-1023 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20955-2950. Received as: *Aspergillus repens*. Ex: soil. Odessa Region. Ukraine. Risk group: 4. (Medium [24](#), 25°C, D-4, F-1, S-5)

Aspergillus repens (Corda 1842) Saccardo 1882

F-1337 <-- INMI, VKM F-1337 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2030. Received as: *Aspergillus repens*. Ex: forest soil. Zakarpattya Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus repens (Corda 1842) Saccardo 1882

F-2263 <-- IBPM, IBPM F-210 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, RM-3. Received as: *Aspergillus repens*. Ex: oil painting. Risk group: 4. (Medium [24](#), 25°C, D-4, F-1)

Aspergillus repens (Corda 1842) Saccardo 1882

F-2492 <-- Abyzov S.S. INMI, 231f. Received as: *Aspergillus repens*. Ex: ice. Antarctica. Risk group: 4. (Medium [24](#), 25°C, D-4, F-1)

Aspergillus repens (Corda 1842) Saccardo 1882

F-3741 <-- Bilanenko E.N. DMA MSU, 1138. Received as: *Aspergillus repens*. Ex: home dust. Flat. Moscow. Russia. Risk group: 4. (Medium [24](#), 25°C, C-8, D-4, F-1)

Aspergillus repens (Corda 1842) Saccardo 1882

F-3742 <-- Bilanenko E.N. DMA MSU, 1138*. Received as: *Aspergillus repens*. Ex: home dust. Flat. Moscow. Russia. Risk group: 4. (Medium [24](#), 25°C, C-8, D-4, F-1)

Aspergillus restrictus G. Smith 1931

F-2264 <-- IBPM, IBPM F-223 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 129. Received as: *Aspergillus restrictus*. Ex: art work. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus rugulosus Thom et Raper 1939

F-2070 <-- INMI, VKM F-2070 <- IBPM, IBPM F-221 <- DMA MSU. Received as: *Aspergillus rugulosus*. State: tm - *Emericella rugulosa* (Thom et Raper 1939) C.R. Benjamin 1955. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus rugulosus Thom et Raper 1939

F-2266 <-- IBPM, IBPM F-221 <- DMA MSU. Received as: *Aspergillus rugulosus*. State: tm - *Emericella rugulosa* (Thom et Raper 1939) C.R. Benjamin 1955.

Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus rugulosus Thom et Raper 1939

F-2576 <-- IBPM, IBPM F-218-2 <- VIZR, 991 <- Brezhnev I.E., 991 <- Bashmakova R.A. Received as: *Aspergillus rugulosus* var. *nidulans*. State: tm - *Emericella rugulosa* (Thom et Raper 1939) C.R. Benjamin 1955. Ex: soil. Tajikistan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus rugulosus Thom et Raper 1939

F-3915 <-- Aleksandrova A.V. DMA MSU, Ap-29. Received as: *Emericella rugulosa*. State: tm - *Emericella rugulosa* (Thom et Raper 1939) C.R. Benjamin 1955. Ex: ground. Thermal landscape, caldera, Uzon Volcano, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus sclerotiorum G.A. Huber 1933

F-2265 <-- IBPM, IBPM F-226 <- DMA MSU. Received as: *Aspergillus sclerotiorum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1119](#))

Aspergillus sclerotiorum G.A. Huber 1933

F-3175 <-- Institute of microbiology, National Academy of Sciences, Belarus. Received as: *Aspergillus sclerotiorum*. Ex: mutant of strain BIM G-59, method of selection. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Aspergillus sclerotiorum G.A. Huber 1933

F-4355 Neotype <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-1096 <- DSM 870 <- Kieslich K. <- ATCC 16892 <- Raper J.R., WB 415 <- NRRL <- Thom C., 5351 <- Huber G.A. Received as: *Aspergillus sclerotiorum*. (ATCC 16892; CBS 549.65; CMI 056673; DSM 870; IFO 7542; IMI 056673; NBRC 7542; NRRL 415; QM 6732; VKPM F-1096; WB 415). Ex: *Malus silvestris*, rotting fruit. Oregon. USA. DNA sequences: AF433079; AY373866; AF203802. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus silvaticus Fennell et Raper 1955

F-2073 <-- INMI, VKM F-2073 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 4. Received as: *Aspergillus silvaticus*. Ex: liquid fuel. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus sojae Sakaguchi et al. 1971

F-2096 <-- INMI, VKM F-2096 <- TUB <- NRRL, NRRL 1989. Received as: *Aspergillus oryzae*. (ATCC 14895; CBS 134.52; CCRC 30230; NRRL 1989; TUB NRRL1989; WB 1989). Ex: soy sauce. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8686](#), [468](#), [2153](#), [3534](#), [4314](#), [4925](#), [5378](#), [5808](#), [6645](#), [7571](#), [8130](#))

Aspergillus stellatus Curzi 1934

F-2272 <-- IBPM, IBPM F-236 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific

and Restoration Centre, Moscow, Russia, 14. Received as: *Aspergillus versicolor*. State: tm - *Emericella varicolor* Berkeley et Broome 1857. Ex: oil painting. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Aspergillus stellatus* Curzi 1934**

F-3888 <-- VKM IBPM, VKM FW-1019 <- Velikanov L.L. DMA MSU, 5. Received as: *Aspergillus varicolor*. Synonym *Aspergillus varicolor* Thom et Raper 1939. State: tm - *Emericella varicolor* Berkeley et Broome 1857. Ex: soil. Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Aspergillus subsessilis* Raper et Fennell 1965**

F-1080 <-- INMI, VKM F-1080 <- Baghdadi V.H. DMA MSU, (D10)3. Received as: *Aspergillus kassunensis*. Synonym: *Aspergillus kassunensis* Baghdadi 1968 Type strain. (CBS 419.69; IMI 334938). Ex: soil. Damascus, Berza. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([147](#))

***Aspergillus sulphureus* (Fresenius 1863) Wehmer 1901**

F-63 <-- INMI, VKM F-63 <- CMI, IMI 73462. Received as: *Aspergillus sulphureus*. (IMI 73462). Ex: rabbit dung. California, San Francisco. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

***Aspergillus sydowii* (Bainier et R. Sartory 1913) Thom et Church 1926**

F-441 <-- INMI, VKM F-441 <- National Research Center of Antibiotics, Moscow, Russia, RIA 313. Received as: *Aspergillus sydowii*. (RIA 313). Ex: soil. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4146](#), [4733](#), [5064](#), [5259](#), [5378](#), [5604](#), [7054](#), [7531](#), [8155](#))

***Aspergillus sydowii* (Bainier et R. Sartory 1913) Thom et Church 1926**

F-968 <-- INMI, VKM F-968 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, B 52-12. Received as: *Aspergillus sydowii*. Ex: water. Black Sea. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([4733](#), [5064](#))

***Aspergillus sydowii* (Bainier et R. Sartory 1913) Thom et Church 1926**

F-2268 <-- IBPM, IBPM F-224 <- DMA MSU. Received as: *Aspergillus sydowii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5378](#), [5604](#))

***Aspergillus sydowii* (Bainier et R. Sartory 1913) Thom et Church 1926**

F-2488 <-- Abyzov S.S. INMI, 248f. Received as: *Aspergillus sydowii*. Ex: ice. Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4733](#), [5064](#))

***Aspergillus sydowii* (Bainier et R. Sartory 1913) Thom et Church 1926**

F-3293 <-- Department of microbiology, Faculty of Biology, Lomonosov Moscow State University, Moscow, Russia, M-3. Received as: *Aspergillus sydowii*. Ex: phtorolon plate FLT 42 B, corrosion centre. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([2233](#), [5064](#))

***Aspergillus sydowii* (Bainier et R. Sartory 1913) Thom et Church 1926**

F-4317 <-- Aleksandrova A.V. DMA MSU, S 270. Received as: *Aspergillus*

sydowii. Ex: litter, mostly Dipterocarpus alatus. Riverside monsoon semi-deciduous polydominant forest with the dominance of Dipterocarpus alatus. Dong Nai Province. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus tamarii Kita 1913

F-64 <-- INMI, VKM F-64 <- Afrikyan E.G. Institute of Microbiology Scientific and Production Center Armibiotechnology, Erevan, Armenia <- LCP, LCP 514. Received as: *Aspergillus tamarii*. (LCP 514). Ex: *Coffea* sp. beans, bean. Kosta-Rica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2232](#), [3534](#), [4146](#), [5259](#), [7054](#), [7531](#), [8155](#))

Aspergillus terreus Thom 1918

F-65 <-- INMI, VKM F-65 <- CMI, IMI 16043 <- NCTC, NCTC 3911. Received as: *Aspergillus terreus*. (IMI 16043; LSHB Ac.100; NCTC 3911). Risk group: 3. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([2912](#))

Aspergillus terreus Thom 1918

F-68 <-- INMI, VKM F-68 <- CMI, IMI 44339. Received as: *Aspergillus terreus*. (IMI 44 339; LSHB BB.45). Ex: *Gossypium hirsutum*. England. UK. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1). ([5134](#), [5378](#))

Aspergillus terreus Thom 1918

F-469 <-- INMI, VKM F-469 <- VIZR, 661. Received as: *Aspergillus carneus*. Risk group: 3. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Aspergillus terreus Thom 1918

F-728 <-- INMI, VKM F-728 <- DSB MSU. Received as: *Aspergillus terreus*. Ex: soil. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus terreus Thom 1918

F-806 <-- INMI, VKM F-806 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 224. Received as: *Aspergillus flavipes*. Ex: potato starch. Kharkov. Ukraine. Risk group: 3. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Aspergillus terreus Thom 1918

F-1025 <-- INMI, VKM F-1025 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 22964-3958. Received as: *Aspergillus terreus*. Ex: soil. Donetsk Region. Ukraine. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1). ([8686](#), [1629](#), [1812](#), [1913](#), [2112](#), [2178](#), [4043](#), [4238](#), [4169](#), [4314](#), [4732](#), [4875](#), [4925](#), [5062](#), [5477](#), [5488](#), [5808](#), [5998](#), [6313](#), [7013](#), [6408](#), [6645](#), [7532](#), [7571](#), [7572](#), [7760](#), [7775](#), [7829](#), [8130](#), [8194](#))

Aspergillus terreus Thom 1918

F-2036 <-- INMI, VKM F-2036 <- TUB, QM 7473. Received as: *Aspergillus terreus* var. boedijni. Synonym *Aspergillus terreus* var. boedijni (Blochwitz 1934) Thom et Raper 1945. (ATCC 16794; CBS 594.65; IFO 30537; IMI 135817; NRRL 680; QM 7473; TUB QM7473; WB 680). Risk group: 3. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus terreus Thom 1918

F-2269 <-- IBPM, IBPM F-222 <- DMA MSU. Received as: *Aspergillus terreus*. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Aspergillus terreus Thom 1918

F-2480 <-- Russian scientific Research institute Electronstandart, Saint Petersburg, Russia, 5-T. Received as: *Aspergillus terreus*. Ex: sandy soil. Turkmenistan. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1). ([7927](#))

Aspergillus terreus Thom 1918

F-3560 <-- Egorova A.V. DMA MSU, 35. Received as: *Aspergillus flavipes*. Ex: thermal landscape soil. Weet thermal landscape, Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 3. (Medium [12](#), 25°C, C-8, F-1). ([6766](#), [8258](#))

Aspergillus terreus Thom 1918

F-3687 <-- Lusta K.A. IBPM, CX-1. Received as: *Aspergillus terreus*. Ex: soil. Ashkhabad. Turkmenistan. Risk group: 3. (Medium [12](#), 25°C, C-8, D-4, F-1). ([5657](#))

Aspergillus terreus Thom 1918

F-3912 <-- Aleksandrova A.V. DMA MSU, Ap-19. Received as: *Aspergillus terreus*. Ex: ground. Thermal landscape, caldera, Uzon Volcano, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus terreus Thom 1918 var. *terreus*

F-67 Òype <-- INMI, VKM F-67 <- CMI, IMI 17294 <- NCTC, NCTC 981. Received as: *Aspergillus terreus*. (ATCC 1012; ATCC 10071; BIM F-167; CBS 601.65; CCRC 32068; IFO 33026; IMI 17294; IMI 017294ii; JCM 10257; LSHB Ac. 24; NCTC 981; NRRL 255; QM 1991; TUB QM 1991; WB 255). Ex: soil. Connecticut. USA. Risk group: 3. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [6143](#))

Aspergillus terricola Marchal et E.J. Marchal 1893

F-699 <-- INMI, VKM F-699 <- Peshkov M.A. <- Sizova T.P. DMA MSU. Received as: *Aspergillus terricola*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1796](#))

Aspergillus terricola Marchal et E.J. Marchal 1893

F-2258 <-- IBPM, IBPM F-235 <- DMA MSU. Received as: *Aspergillus lutescens*. Synonym *Aspergillus lutescens* Bainier ex Thom et Raper 1945. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus terricola Marchal et E.J. Marchal 1893

F-2270 <-- IBPM, IBPM F-360 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Aspergillus terricola*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1796](#))

Aspergillus terricola Marchal et E.J. Marchal 1893 var. *americanus* Marchal et E.J. Marchal

1921

F-2041 Òype <-- INMI, VKM F-2041 <- TUB, QM 7475. Received as: *Aspergillus terricola* var. *americanus*. (ATCC 16863; CBS 580.65; IMI 16127; LSHB Ac.22; NCTC 974; NRRL 424; QM 7475; TUB QM7475; WB 424). Ex: soil. Georgia. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([7634](#))

Aspergillus tubingensis Mosseray 1934

F-3746 <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-679. Received as: *Aspergillus niger*. Other name: *Aspergillus niger* van Tieghem 1867. (ATCC 10864; CBS 122.49; IFO 6661; IMI 060286; NRRL 330; VKPM F-679; WB 330). Ex: chinese galls. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([4267](#), [4745](#))

Aspergillus unguis (Emile-Weill et L. Gaudin 1919) Dodge 1935

F-1754 <-- INMI, VKM F-1754 <- Novobranova T.I. DMA MSU, 963. Received as: *Aspergillus mellinus*. Synonym: *Aspergillus mellinus* Novobranova 1972 Isotype strain. Ex: *Vitis vinifera*, shoot, leaf, berry. Alma-Ata Region. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus unguis (Emile-Weill et L. Gaudin 1919) Dodge 1935

F-1755 <-- INMI, VKM F-1755 <- Novobranova T.I. DMA MSU, 690. Received as: *Aspergillus mellinus*. Synonym *Aspergillus mellinus* Novobranova 1972 Isotype strain. Ex: *Vitis vinifera*, shoot, leaf, berry. Alma-Ata Region. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Aspergillus unguis (Emile-Weill et L. Gaudin 1919) Dodge 1935

F-1756 <-- INMI, VKM F-1756 <- Novobranova T.I. DMA MSU, 414. Received as: *Aspergillus mellinus*. Synonym *Aspergillus mellinus* Novobranova 1972 Isotype strain. Ex: *Vitis vinifera*, shoot, leaf, berry. Alma-Ata Region. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus unguis (Emile-Weill et L. Gaudin 1919) Dodge 1935

F-1757 <-- INMI, VKM F-1757 <- Novobranova T.I. DMA MSU, 138. Received as: *Aspergillus mellinus*. Synonym *Aspergillus mellinus* Novobranova 1972 Isotype strain. (ATCC 24715; CBS 652.74; IMI 174723). Ex: *Vitis vinifera*, shoot, leaf, berry. Alma-Ata Region. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([148](#))

Aspergillus unguis (Emile-Weill et L. Gaudin 1919) Dodge 1935

F-1758 <-- INMI, VKM F-1758 <- Novobranova T.I. DMA MSU, 285. Received as: *Aspergillus mellinus*. Synonym *Aspergillus mellinus* Novobranova 1972 Isotype strain. Ex: *Vitis vinifera*, shoot, berry, leaf. Alma-Ata Region. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-736 <-- INMI, VKM F-736 <- Mirchink T.G. DSB MSU, 62. Received as: *Aspergillus ustus*. Ex: soil. Pamir Mountains. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([5697](#))

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-1019 <-- INMI, VKM F-1019 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 10281-207. Received as: *Aspergillus ustus*. Ex: soil. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([5697](#))

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-1981 <-- INMI, VKM F-1981 <- Mirchink T.G. DSB MSU, 27. Received as: *Aspergillus ustus*. Ex: soil. Azerbaijan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-2271 <-- IBPM, IBPM F-230 <- DMA MSU. Received as: *Aspergillus ustus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-2909 <-- Department of microbiology, Faculty of Biology, Lomonosov Moscow State University, Moscow, Russia, M-1. Received as: *Aspergillus ustus*. Ex: glass fibre STR-4TR, corrosion centre. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([1876](#), [5697](#), [7952](#), [8002](#))

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-2995 <-- Mirchink T.G. DSB MSU, 179. Received as: *Aspergillus ustus*. Ex: soil, leached chernozem. Voronezh Region, Ramon. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5697](#))

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-4692 <-- VKM IBPM, VKM FW-429. Received as: *Aspergillus ustus*. Ex: stone of wall of cathedral. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8857](#), [4580](#), [5367](#), [8255](#), [9175](#))

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-4693 <-- VKM IBPM, VKM FW-430. Received as: *Aspergillus ustus*. Ex: stone of wall of cathedral. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-4694 <-- VKM IBPM, VKM FW-432. Received as: *Aspergillus ustus*. Ex: stone of wall of cathedral. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-4695 <-- VKM IBPM, VKM FW-433. Received as: *Aspergillus ustus*. Ex: stone of wall of cathedral. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus ustus (Bainier 1881) Thom et Church 1926

F-4696 <-- VKM IBPM, VKM FW-434. Received as: *Aspergillus ustus*. Ex: stone of wall of cathedral. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-70 <-- INMI, VKM F-70 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 85. Received as: *Aspergillus versicolor*. Ex: book. Russian State Library. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3534](#))

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-804 <-- INMI, VKM F-804 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 644. Received as: *Aspergillus versicolor*. Ex: biscuit. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([3534](#))

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-1114 <-- INMI, VKM F-1114 <- Afrikyan E.G. INMI <- ATCC, ATCC 11730. Received as: *Aspergillus versicolor*. (ATCC 11730; ATCC 16020; CBS 245.65; DSM 1943; DSM 63301; IFO 30338; IMI 045554; IMI 045554ii; IMI 045554iv; IMI 045554iii; QM 432; CCF 73; CECT 2890; CECT 2814; MUCL 19008; OECD 15). Ex: cellophane. Indiana. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([590](#), [3534](#), [4744](#), [5174](#), [5456](#), [5626](#), [5741](#))

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-1557 <-- INMI, VKM F-1557 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 92. Received as: *Aspergillus herbariorum*. Other name: *Aspergillus herbariorum* (Weber ex F.H. Wiggers 1780) E. Fischer. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-2253 <-- IBPM, IBPM F-361. Received as: *Aspergillus citrisporus*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-2546 <-- Abyzov S.S. INMI, A-12. Received as: *Aspergillus versicolor*. Ex: glacier thickness, depth 73 m, age 1800 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([604](#), [3534](#))

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-2551 <-- Abyzov S.S. INMI, 312-2. Received as: *Aspergillus versicolor*. Ex: glacier thickness, depth 194 m, age 6900 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([604](#))

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-2577 <-- IBPM, IBPM F-357 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Aspergillus sp.* Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus versicolor (Vuillemin 1903) Tiraboschi 1908

F-2993 <-- Mirchink T.G. DSB MSU, 86. Received as: *Aspergillus versicolor*. Ex: red ferrallitic soil. Guinea. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3534](#))

Aspergillus wentii Wehmer 1896

F-797 <-- INMI, VKM F-797 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 655. Received as: *Aspergillus wentii*. Ex: Zea mays, corn-cob. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([5378](#), [5604](#))

Aspergillus wentii Wehmer 1896

F-1306 <-- INMI, VKM F-1306 <- Barinova S.A. INMI. Received as: *Aspergillus wentii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4346](#))

Aspergillus wentii Wehmer 1896

F-2273 <-- IBPM, IBPM F-219 <- VIZR. Received as: *Aspergillus wentii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Aspergillus wentii Wehmer 1896

F-3919 <-- Aleksandrova A.V. DMA MSU, AN37. Received as: *Aspergillus wentii*. Ex: soil, deep chernozem, slightly humic. Field with crop rotation. Krasnodar Territory, Korzhi. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Aspergillus wentii Wehmer 1896

F-4356 Neotype <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-1097 <- DSM 3701 <- CBS 104.07 <- Wehmer C. Received as: *Aspergillus wentii*. (ATCC 1023; CBS 104.07; CMI 017295; IMI 017295; DSM 3701; NRRL 1269; QM 7479; VKPM F-1097). Ex: soybeans. Java Island. Indonesia. DNA sequences: AF149752; AY373884. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Asterosporium orientale Melnik 1988

F-3406 <-- Constantinescu O. UPSC, UPSC 2922. Received as: *Asterosporium orientale*. (UPSC 2922; CBS 114278). Ex: *Salex caprea*, bark. Uppland, Dalby parish. Sweden. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([7178](#))

Athelia rolfsii (Curzi 1932) C.C. Tu et Kimbrough 1978

F-1604 <-- INMI, VKM F-1604 <- VIZR. Received as: *Sclerotium rolfsii* Saccardo 1911. Synonym: *Corticium rolfsii* Curzi 1932, *Sclerotium rolfsii* Saccardo 1911. Ex: apple sapling. Sukhumi. Abkhazia. Risk group: no. (Medium [9](#), 25°C, C-13, S-4, S-5).

Aureobasidium melanogenum (Hermanides-Nijhof 1977) Zalar et al. 2014

F-4756 <-- VKM IBPM, VKM FW-3278. Received as: *Aureobasidium melanogenum*. Ex: soil from a petroleum leakage site (diesel fuel, gasoline and aviation kerosene), Druzhnaya-4 Station, soil pit LA56-Dr-01 (oil), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977

F-179 Òype <-- INMI, VKM F-179. Received as: *Monilia fusca*. Other name: *Monilia fusca* Browne 1918; *Pullularia fermentans* E.S. Wynne et Gott 1956 var.

fusca (Browne 1918) E.S. Wynne et Gott 1956 Type strain. (ATCC 12536; CBS 105.22; IP 2232.94; IMI 062460). Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2065](#), [2135](#), [2171](#), [2861](#), [2862](#), [3251](#), [4042](#), [6414](#), [6788](#), [7868](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977

F-425 <-- INMI, VKM F-425 <- CBS, CBS 123.37. Received as: *Torula schoenii*. Synonym *Pullularia fermentans* E.S.Wynne et Gott 1956 var. *schoenii* E.S.Wynne et Gott 1956 Type strain, *Torula schoenii* Roukhelman 1937. Other name: *Aureobasidium pullulans* (de Bary 1866) G. Arnaud 1918 var. *pullulans*. (ATCC 12539; CBS 123.37; IMI 62457). Risk group: 4. (Medium [13](#), 25°C, C-8, S-5). ([697](#), [2065](#), [2171](#), [2636](#), [2861](#), [2862](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977

F-1116 <-- INMI, VKM F-1116 <- Afrikyan E.G., 16. Received as: *Aureobasidium pullulans*. Other name: *Aureobasidium pullulans* (de Bary 1866) G. Arnaud 1918 var. *pullulans*. (ATCC 9348; CBS 621.80; CCRC 31981; DSM 2404; IMI 145194; NCIM 1049; QM 3090). Ex: deteriorated army supplies. Florida. USA. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([590](#), [697](#), [854](#), [921](#), [1629](#), [1775](#), [1812](#), [2065](#), [2066](#), [2079](#), [2135](#), [2171](#), [2636](#), [2861](#), [2862](#), [3025](#), [6744](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977

F-2202 <-- Milko A.A. IBIW, 276B. Received as: *Aureobasidium pullulans* var. *melanigenum*. Ex: sludge. Puzes Lake. Ventspils District. Latvia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1118](#), [2066](#), [2636](#), [2861](#), [2862](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977

F-2206 <-- Milko A.A. IBIW, 4585. Received as: *Aureobasidium microstictum*. Ex: water. Pond. Yaroslavl Region, Borok. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1118](#), [2066](#), [2171](#), [2636](#), [2861](#), [2862](#), [6762](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977

F-2207 <-- Milko A.A. IBIW, 149B. Received as: *Aureobasidium pullulans* var. *melanigenum*. Ex: water. Reznas Lake. Latvia. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([1118](#), [2636](#), [2861](#), [2862](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977

F-2479 <-- INMI, VKM F-2479 <- Research Institute of Electric Standards, 23-L. Received as: *Aureobasidium pullulans*. Ex: polyamid film. Neringa, Juodkrante. Lithuania. Risk group: 4. (Medium [13](#), 25°C, C-7, F-1, S-5). ([1118](#), [2171](#), [2636](#), [2861](#), [2862](#), [4117](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *pullulans*

F-1125 <-- INMI, VKM F-1125 <- Kofanova N.D. INMI. Received as: *Pullularia pullulans*. Synonym *Pullularia pullulans* (de Bary et Loewenthal 1866) Berkhout 1923. Ex: fungus, *Inonotus obliquus*. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([615](#), [1424](#), [1277](#), [1394](#), [1406](#), [1497](#), [1508](#), [1556](#), [1562](#), [1581](#), [1592](#), [1636](#), [1739](#), [2135](#), [2171](#), [2861](#), [2862](#), [3251](#), [4117](#), [6414](#), [6762](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *pullulans*

F-1126 <-- INMI, VKM F-1126 <- A.N. Nesmeyanov Institute of Organoelement Compounds RUS, Moscow, Russia. Received as: *Pullularia pullulans*. Synonym *Pullularia pullulans* (de Bary 1866) Berkhout 1923. Ex: soil. Oil and gas area. Baku. Azerbaijan. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#), [2636](#), [2861](#), [2862](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *pullulans*

F-2205 <-- Milko A.A. IBIW, 4543. Received as: *Aureobasidium pullulans* var. *pullulans*. Ex: water. Pleshcheevo Lake. Yaroslavl Region. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2066](#), [2636](#), [2861](#), [2862](#), [6414](#), [6744](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *pullulans*

F-2755 <-- Rudakov O.L. INMI, VKM MF-188. Received as: *Aureobasidium pullulans*. (ATCC 36799; CBS 566.78). Ex: fungus, *Podosphaera pannosa*. Republic of Crimea. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#), [2066](#), [2171](#), [2636](#), [2861](#), [2862](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *pullulans*

F-2836 <-- Rudakov O.L. INMI, VKM MF-472. Received as: *Aureobasidium pullulans*. Ex: fungus, *Mycena sp.* Moscow Region. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#), [2066](#), [2171](#), [2636](#), [2861](#), [2862](#), [6414](#), [6788](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *pullulans*

F-3110 <-- Rudakov O.L. INMI, VKM MF-562 <- ATCC, ATCC 15233. Received as: *Aureobasidium pullulans* var. *melanogenum*. Other name: *Aureobasidium pullulans* (de Bary 1866) G. Arnaud 1918 var. *melanogenum* Hermanides-Nijhof 1977. (ATCC 15233; CBS 249.65; CCRC 32364; IFO 30557; IMI 045533; MZKIBK A-241; QM 279c; CECT 2657; OECD 16). Ex: painted wood. Costa-Rica. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([2162](#), [4117](#))

Aureobasidium pullulans (de Bary 1866) G. Arnaud 1918 var. *pullulans*

F-4537 <-- VKM IBPM, VKM FW-3175. Received as: *Aureobasidium pullulans* var. *pullulans*. Ex: permafrost, hole A3/07, depth 1,60-1,70 m. Progress Station, Antarctica. DNA sequences: JN835189. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Auriporia aurulenta A. David et al. 1975

F-3480 <-- Muchametshin R. All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia. Received as: *Auriporia aurulenta* A. David, Tortic et Jelic 1975. Ex: fruitbody on *Picea orientalis* windfall. Caucasus State Biosphere Reserve. Krasnodar Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5).

Backusella circina J.J. Ellis et Hesseltine 1969

F-1475 Authentic strain <-- INMI, VKM F-1475 <- Naganishi H. Hiroshima Jogakuin College, Japan. Received as: *Mucor pseudolamprosporus*. Synonym: *Mucor pseudolamprosporus* H. Naganishi et Hirahara 1968 Type strain. MT+. (CBS 323.69; BCRC 31700; IFO 9137; NBRC 9137). Japan. Risk group: no. (Medium [9](#), 25°C, C-7, C-13, F-1). ([776](#), [1365](#), [5134](#))

Backusella circina J.J. Ellis et Hesseltine 1969

F-1476 Authentic strain <-- INMI, VKM F-1476 <- Naganishi H. Hiroshima Jogakuin College, Japan. Received as: *Mucor pseudolamprosporus*. Synonym *Mucor pseudolamprosporus* H. Naganishi et Hirahara 1968 Type strain. MT-. (CBS 322.69; BCRC 31701; IFO 9138; NBRC 9138;). Japan. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1). ([776](#), [1365](#))

Backusella indica (Baijal et B.S. Mehrotra 1965) G. Walther et de Hoog 2013

F-1433 <-- INMI, VKM F-1433 <- Botanical Department, University of Allahabad, India. Received as: *Mucor recurvus* var. *indica*. Synonym: *Mucor recurvus* E.E. Butler 1952 var. *indicus* Baijal et B.S.Mehrotra 1965. Ex: soil. India. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([1365](#))

Backusella lamprospora (Lendner 1908) Benny et R.K. Benjamin 1975

F-944 <-- INMI, VKM F-944 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2. Received as: *Mucor dispersus*. Synonym: *Mucor dispersus* Hagem 1910, *Mucor lamprosporus* Lendner 1908. Ex: soil. Bulgaria. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([607](#), [1365](#), [2550](#), [5134](#), [5604](#))

Backusella lamprospora (Lendner 1908) Benny et R.K. Benjamin 1975

F-1319 Ôype <-- INMI, VKM F-1319 <- CBS, CBS 118.08. Received as: *Mucor lamprosporus*. Synonym *Mucor lamprosporus* Lendner 1908. MT+. (ATCC 18469; CBS 118.08; IMI 116943). Switzerland. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([455](#), [457](#), [1365](#), [2550](#))

Backusella lamprospora (Lendner 1908) Benny et R.K. Benjamin 1975

F-1377 <-- INMI, VKM F-1377 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3136. Received as: *Mucor piriformis*. Synonym *Mucor lamprosporus* Lendner 1908. Other name: *Mucor piriformis* A. Fischer 1892. Ex: forest soil. Ivano-Frankovsk Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, C-13, F-1, S-5). ([1365](#), [2550](#))

Backusella lamprospora (Lendner 1908) Benny et R.K. Benjamin 1975

F-1378 <-- INMI, VKM F-1378 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3063. Received as: *Mucor lamprosporus*. Synonym *Mucor lamprosporus* Lendner 1908. Ex: forest soil. Ivano-Frankovsk Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, C-13, D-4, F-1). ([1365](#), [2550](#))

Backusella oblongielliptica (H. Naganishi et al. ex Pidoplichko et Milko 1971) G. Walther et de Hoog 2013

F-1479 Lectotype <-- INMI, VKM F-1479 <- Hiroshima Jogakuin College, Japan. Received as: *Mucor oblongiellipticus*. Synonym: *Mucor oblongiellipticus* H.Naganishi, Hirahara et Seshita ex Pidoplichko et Milko 1971 Type strain. (ATCC 22784; CBS 568.70; IFO 9258; MTCC 551; NBRC 9258). Ex: fungus, Basidiomycetes. Japan. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([153](#), [1312](#), [1365](#))

Backusella recurva (E.E. Butler 1952) G. Walther et de Hoog 2013

F-1216 <-- INMI, VKM F-1216 <- ATCC, ATCC 11265. Received as: *Mucor recurvus*. Synonym: *Mucor recurvus* E.E. Butler 1952 var. *recurvus* Type strain. MT+. (ATCC 11265; BCRC 32152; CBS 318.52). Ex: *Fragaria* sp., infected root. Minnesota, St.Paul. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([776](#), [861](#), [1312](#), [1365](#), [2550](#))

Backusella tuberculispora (Schipper 1978) G. Walther et de Hoog 2013

F-1314 Lectotype <-- INMI, VKM F-1314 <- CBS, CBS 562.66. Received as: *Mucor heterosporus*. Synonym: *Mucor tuberculisporus* Schipper 1978 Type strain. MT-. Other name: *Mucor heterosporus* A. Fischer 1892. (BCRC 32102; CBS 562.66). India. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([1312](#), [2550](#))

Backusella variabilis (A.K. Sarbhoy 1965) G. Walther et de Hoog 2013

F-1239 Lectotype <-- INMI, VKM F-1239 <- CBS, CBS 564.66. Received as: *Mucor variabilis*. Synonym: *Mucor variabilis* A.K. Sarbhoy 1965 Type strain. (BCRC 32100; CBS 564.66; IMI 117670; NRRL A-12568). Ex: human excrements. Allahabad. India. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([920](#), [1312](#), [1365](#))

Bactridium equiseticola Milko et Dunaev

F-2494 Type <-- Milko A.A. IBIW, Du-178. Received as: *Bactridium equiseticola*. Ex: *Equisetum fluviatile*, subsea leaf. Ivankovsky Reservoir. Tver Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Basidiobolus magnus Drechsler 1964

F-1790 Òype <-- INMI, VKM F-1790 <- ATCC, ATCC 15379. Received as: *Basidiobolus magnus*. (ATCC 15379; CBS 205.64; NRRL 3734). Ex: detritus. Wisconsin. USA. Risk group: 4. (Medium [9](#), 25°C, C-5, C-12, S-4, S-5). ([403](#))

Basidiobolus meristosporus Drechsler 1955

F-1804 Òype <-- INMI, VKM F-1804 <- CMI, IMI 108476. Received as: *Basidiobolus*

meristosporus. (CBS 140.55; IMI 108476; IFO 9163; NBRC 9163). Risk group: 4. (Medium [9](#), 25°C, C-5, C-12, S-4, S-5)

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-72 <-- INMI, VKM F-72 <- CBS, CBS 132.36. Received as: *Beauveria bassiana*. Ex: insect, *Carpocapsa pomonella* infected by fungus. Poland. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2112](#), [2178](#), [3068](#), [4205](#))

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-74 <-- INMI, VKM F-74 <- CBS, CBS 127.35. Received as: *Beauveria doryphorae*. Synonym *Beauveria doryphorae* R. Poisson et Patay 1935. Ex: insect, *Leptinotarsa decemlineata* infected by fungus. France. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-75 <-- INMI, VKM F-75 <- CBS, CBS 118.30. Received as: *Beauveria effusa*. Synonym *Beauveria effusa* (*Beauverie* 1911) Vuillemin 1912. (ATCC 9453; CBS 118.30). Ex: insect, *Bombyx mori* (order Hymenoptera) infected by fungus. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2112](#), [2178](#))

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-76 <-- INMI, VKM F-76 <- CBS, CBS 122.36. Received as: *Beauveria globulifera*. Synonym *Beauveria globulifera* (Spegazzini 1880) F. Picard 1914. Ex: insect, *Lophyrus pini* infected by fungus. Poland. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-77 <-- INMI, VKM F-77 <- CBS, CBS 119.26 <-- NCTC. Received as: *Botrytis stephanoderis* Bally 1923. Synonym *Botrytis stephanoderis* Bally 1923, *Beauveria stephanoderis* (Bally 1923) Petch 1924. (ATCC 9454; IMUR 466; MUCL 857). Ex: insect, *Hypothenemus hampei* (= *Stephanoderes hampei*). Java Island. Indonesia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-2274 <-- IBPM, IBPM F-254 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 136. Received as: *Beauveria bassiana*. Ex: oil painting. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([5436](#))

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-2533 Òype <-- Egorova N.S. Department of microbiology, Faculty of Biology, Lomonosov Moscow State University, Moscow, Russia <- Johnson R.A. ATCC, ATCC 7159. Received as: *Beauveria bassiana*. Synonym *Sporotrichum sulfurescens* J.F.H.Beyma 1928 Type strain. (ATCC 7159; CBS 209.27; CCF 1544; DSM 1344). Ex: culture contaminant. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([8090](#), [1692](#), [2112](#), [2178](#), [2188](#), [3183](#), [3188](#), [3195](#), [3196](#), [3200](#), [3211](#), [3214](#), [3270](#), [3954](#), [4117](#), [5134](#), [5378](#), [5604](#), [6786](#))

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-2708 <-- Rudakov O.L. INMI, VKM MF-80. Received as: *Beauveria bassiana*. Ex: fungus, *Cladosporium herbarum*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#), [3068](#))

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-3441 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, CSi-MR(Rm)93-4. Received as: *Tolypocladium sp.* Other name: *Tolypocladium sp.* Ex: Coleoptera, Staphylinidae, body surface. Moscow Region, Ramenskoye. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Beauveria bassiana (Balsamo-Crivelli 1835) Vuillemin 1912

F-3802 <-- Aleksandrova A.V. DMA MSU. Received as: *Beauveria bassiana*. Ex: soddy-podzolic soil, A1 horizon. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Beauveria brongniartii (Saccardo 1892) Petch 1926

F-73 <-- INMI, VKM F-73 <- CBS, CBS 112.42. Received as: *Beauveria densa* (Link 1809) F.Picard 1914. Other name: *Beauveria densa* (Link 1809) F. Picard 1914; *Beauveria bassiana* (Balsamo-Crivelli 1835) Vuillemin 1912. (CBS 112.42). Ex: insect, *Melolontha melolontha* infected by fungus, larva. Kiel. Germany. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2112](#))

Beauveria brongniartii (Saccardo 1892) Petch 1926

F-95 <-- INMI, VKM F-95 <- CBS, CBS 109.24. Received as: *Botrytis melolonthae*. Synonym *Botrytis melolonthae* Saccardo 1912, *Beauveria melolonthae* (Saccardo 1912) Ciferri 1919. Ex: insect infected by fungus. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5604](#))

Beauveria brongniartii (Saccardo 1892) Petch 1926

F-3439 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, CBL-MR(Rm)93. Received as: *Tolypocladium sp.* Ex: Coleoptera, Buprestidae, larva. Moscow Region, Ramensky District, Kratovo. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Beauveria brongniartii (Saccardo 1892) Petch 1926

F-4357 <-- Aleksandrova A.V. DMA MSU TCL 2. Received as: *Beauveria brongniartii*. Ex: litterlitter, bottom layer. Tver Region, Staritsy District. Russia. Risk group: no. (Medium [25](#), 11°C, C-8, D-4, F-1, S-5)

Beauveria felina (De Candolle 1815) J.W. Carmichael 1980

F-3803 <-- Aleksandrova A.V. DMA MSU. Received as: *Beauveria felina* (De Candolle 1815) J.W. Carmichael 1980. Ex: *Blarina brevicauda*, fur. Powdermill Biological Station. Pennsylvania. USA. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([5134](#))

Benjaminiella poitrasii (R.K. Benjamin 1960) Arx 1981

F-1353 Òype <-- INMI, VKM F-1353 <- CMI, IMI 081585. Received as: *Cokeromyces poitrasii*. Synonym: *Benjaminia poitrasii* (R.K. Benjamin 1960) Pidoplichko

et Milko 1971 Type strain, *Cokeromyces poitrasii* R.K.Benjamin 1960 Type strain. (ATCC 13844; CBS 158.60; CCT 4195; IMI 081585; NRRL 2845; RSA 903; VKM F-1367). Ex: rat dung. California. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([409](#), [1365](#), [4028](#))

Benjaminiella poitrasii (R.K. Benjamin 1960) Arx 1981

F-1367 Type <-- INMI, VKM F-1367 <- CBS, CBS 158.60. Received as: *Cokeromyces poitrasii*. Synonym *Benjaminia poitrasii* (R.K. Benjamin 1960) Pidoplichko et Milko 1971 Type strain, *Cokeromyces poitrasii* R.K.Benjamin 1960 Type strain. (ATCC 13844; CBS 158.60; CCT 4195; IMI 081585; NRRL 2845; RSA 903; VKM F-1353). Ex: rat dung. California. USA. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([1365](#), [5134](#), [5604](#))

Berkeleyomyces basicola (Berkeley et Broome 1850) W.J. Nel et al. 2017

F-972 <-- INMI, VKM F-972 <- IFO, IFO 6190. Received as: *Thielaviopsis basicola*. Synonym: *Thielaviopsis basicola* (Berkeley et Broome 1850) Ferraris 1912. (IFO 6190). Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Berkeleyomyces basicola (Berkeley et Broome 1850) W.J. Nel et al. 2017

F-1927 <-- INMI, VKM F-1927 <- Orazov Kh.N. Institute of Botany Turkmenistan Academy of Sciences, 3/5. Received as: *Thielaviopsis basicola*. Synonym *Thielaviopsis basicola* (Berkeley et Broome 1850) Ferraris 1912. Ex: soil, sierozem. Turkmenistan. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([6766](#), [8258](#))

Bionectria ochroleuca (Schweinitz 1832) Schroers et Samuels 1997

F-2214 <-- Milko A.A. IBIW, 32B. Received as: *Nectria gliocladioides*. Synonym: *Nectria gliocladioides* Smalley et H.N. Hansen 1957, *Nectria ochroleuca* (Schweinitz 1832) Berkeley 1875. Ex: water. Reedy thicket, Alauksta Lake. Latvia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Bipolaris australiensis (M.B. Ellis 1971) Tsuda et Ueyama 1981

F-835 <-- INMI, VKM F-835 <- MW, Weimar. Received as: *Helminthosporium papaveris*. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5). ([1812](#), [2171](#), [2232](#), [4117](#), [5134](#))

Bipolaris australiensis (M.B. Ellis 1971) Tsuda et Ueyama 1981

F-955 <-- INMI, VKM F-955 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2442. Received as: *Helminthosporium bondarzewii*. Ex: soil. Donetsk Region. Ukraine. Risk group: no. (Medium [14](#), 25°C, C-7, C-8, F-1, S-5). ([2171](#), [5134](#), [5619](#))

Bipolaris australiensis (M.B. Ellis 1971) Tsuda et Ueyama 1981

F-1447 <-- INMI, VKM F-1447 <- National Research Center of Antibiotics, Moscow, Russia, RIA 186A. Received as: *Helminthosporium tritici-repentis*. (RIA 186A). Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Bipolaris australiensis (M.B. Ellis 1971) Tsuda et Ueyama 1981

F-2325 <-- IBPM, IBPM F-313 <- DMA MSU. Received as: Helminthosporium bondarzewii. Risk group: no. (Medium [13](#), 25°C, C-7, C-8, F-1, S-5). ([2171](#))

Bipolaris australiensis (M.B. Ellis 1971) Tsuda et Ueyama 1981

F-3040 <-- Mirchink T.G. DSB MSU, 329. Received as: Drechslera australiensis. Synonym Drechslera australiensis (Bugnicourt 1955) Subramanian et B.L.Jain 1966. Ex: desert soil. Republic of Egypt. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([4888](#), [5134](#), [5378](#), [5619](#))

Bipolaris australiensis (M.B. Ellis 1971) Tsuda et Ueyama 1981

F-3704 <-- Sogonov M.V. DMA MSU, 7. Received as: Bipolaris australiensis. Ex: regosolic soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5619](#))

Bipolaris bicolor (Mitra 1931) Shoemaker 1959

F-3235 <-- Ivanushkina N.E. VKM IBPM, g2. Received as: Drechslera bicolor. Synonym: Drechslera bicolor (Mitra 1931) Subramanian et B.L.Jain 1966. Ex: dead wood, Chosenia arbutifolia. Kedrovaya River, low stream, Kedrovaya Pad Nature Reserve, Far East. Primorsky Territory. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Bipolaris cynodontis (Marignoni 1909) Shoemaker 1959

F-1443 <-- INMI, VKM F-1443 <- National Research Center of Antibiotics, Moscow, Russia, RIA 185A. Received as: Helminthosporium cynodontis. Synonym: Helminthosporium cynodontis Marignoni 1909. (RIA 185A). Risk group: no. (Medium [13](#), 25°C, C-5, C-8, F-1, S-5)

Bipolaris cynodontis (Marignoni 1909) Shoemaker 1959

F-2326 <-- IBPM, IBPM F-317 <- DMA MSU. Received as: Helminthosporium cynodontis. Synonym Helminthosporium cynodontis Marignoni 1909. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5134](#))

Bipolaris cynodontis (Marignoni 1909) Shoemaker 1959

F-3288 <-- Khasanov B.A. Central Asian research institute of phytopathology, Tashkent, Uzbekistan, 134-2. Received as: Bipolaris cynodontis. Ex: Triticum aestivum, leaf. Tajikistan. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5)

Bipolaris cynodontis (Marignoni 1909) Shoemaker 1959

F-4351 <-- Gannibal F.B. VIZR, 052-011. Received as: Bipolaris cynodontis. Ex: Hordeum sp., cultivar Primorsky 44, seeds. Primorsky Territory, Ussuriysk. Russia. Risk group: no. (Medium [14](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Bipolaris sorokiniana (Saccardo 1890) Shoemaker 1959

F-1446 <-- INMI, VKM F-1446 <- National Research Center of Antibiotics, Moscow, Russia, RIA 160A. Received as: Helminthosporium sativum. Synonym: Helminthosporium sativum Pammel et al. 1910, Drechslera sorokiniana (Saccardo 1890) Subramanian et B.L.Jain 1966. (RIA 160A).

Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([4436](#), [4509](#), [5934](#), [6104](#), [7444](#))

Bipolaris sorokiniana (Saccardo 1890) Shoemaker 1959

F-3045 <-- Levkina L.M. DMA MSU. Received as: Drechslera sorokiniana. Synonym Drechslera sorokiniana (Saccardo 1890) Subramanian et Jain 1966. Ex: Gossypium **sp.**, leaf. State Farm Imeni Lenina. Dushanbe. Tajikistan. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([4130](#), [4281](#))

Bipolaris sorokiniana (Saccardo 1890) Shoemaker 1959

F-3707 <-- Sogonov M.V. DMA MSU, 6. Received as: Bipolaris sorokiniana. Ex: regosolic soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Bipolaris sorokiniana (Saccardo 1890) Shoemaker 1959

F-4006 <-- Aleksandrova A.V. DMA MSU, 73. Received as: Bipolaris sorokiniana. Ex: Lycopersicon esculentum, infected by blackspot, leaf. Hothouse, Gardening Noncommercial Association Lesnaya Skazka. Republic of Marii El, Medvedevsky District. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5). ([9131](#))

Bipolaris spicifera (Bainier 1908) Subramanian 1971

F-3281 <-- KMUzb. Received as: Drechslera spicifera. Synonym: Drechslera spicifera (Bainier 1908) von Arx 1970. Ex: soil. Uzbekistan. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([5134](#))

Bipolaris victoriae (F. Meehan et H.C. Murphy 1946) Shoemaker 1959

F-1445 <-- INMI, VKM F-1445 <- National Research Center of Antibiotics, Moscow, Russia, RIA 157A. Received as: Helminthosporium victoriae. Synonym: Helminthosporium victoriae F.Meehan et H.C.Murphy 1946, Drechslera victoriae (F.Meehan et H.C.Murphy 1946) Subramanian et B.L.Jain 1966. (RIA 157A). Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#), [5134](#))

Biscogniauxia nummularia (Bulliard 1790) Kuntze 1891

F-1247 <-- INMI, VKM F-1247 <- Milko A.A. Received as: Nummularia bulliardii. Synonym: Nummularia bulliardii Tulasne et C.Tulasne 1863, Hypoxylon nummularium Bulliard 1790. Ex: Fagus **sp.**, branch. Zakarpattya Region, near Svaliava. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-11, F-1, S-5). ([6379](#), [7396](#))

Bispora antennata (Persoon 1801) E.W. Mason 1953

F-79 <-- INMI, VKM F-79 <- CBS, CBS 126.38. Received as: Bispora monilioides. Synonym: Bispora monilioides Corda 1837. (CBS 126.38). Risk group: no. (Medium [13](#), 25°C, C-8, S-5). ([2171](#))

Bispora antennata (Persoon 1801) E.W. Mason 1953

F-2275 <-- IBPM, IBPM F-299 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia. Received as: Bispora menzelii.

Synonym *Bispora menzelii* Corda 1837. Ex: art work. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Bispora antennata (Persoon 1801) E.W. Mason 1953

F-4873 <-- VKM IBPM, VKM FW-636. Received as: *Bispora antennata*. Ex: permafrost, depth 303,96-304,03 m, age 10-2500 thousand years. Taglu, delta of Mackenzie River, Arctic. Canada. Risk group: no. (Medium [11](#), 20°C, C-5, F-1, C-8)

Bispora antennata (Persoon 1801) E.W. Mason 1953

F-4874 <-- VKM IBPM, VKM FW-637. Received as: *Bispora antennata*. Ex: permafrost, depth 303,96-304,03 m, age 10-2500 thousand years. Taglu, delta of Mackenzie River, Arctic. Canada. Risk group: no. (Medium [11](#), 20°C, C-5, F-1, C-8)

Bispora betulina (Corda 1838) S. Hughes 1958

F-2276 <-- IBPM, IBPM F-300 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia. Received as: *Bispora pusilla*. Synonym: *Bispora pusilla* Saccardo 1877. Ex: art work. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Bispora betulina (Corda 1838) S. Hughes 1958

F-3177 <-- Ivanushkina N.E. VKM IBPM, g3. Received as: *Bispora betulina*. Ex: dead wood. Kedrovaya River, low stream, Kedrovaya Pad Nature Reserve, Far East. Primorsky Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Bispora effusa Peck 1891

F-78 <-- INMI, VKM F-78 <- CBS, CBS 112.31. Received as: *Bispora effusa*. (CBS 112.31). Ex: mine timber. South Africa. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, S-5)

Bjerkandera adusta (Willdenow 1787) P. Karsten 1879

F-3477 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-630. Received as: *Bjerkandera adusta* (Willdenow 1787) P. Karsten 1879. (VKPM F-630). Ex: fruitbody on *Quercus* **sp.** Wood. Belarus. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5). ([5134](#), [6438](#), [6766](#), [7833](#), [8258](#))

Bjerkandera adusta (Willdenow 1787) P. Karsten 1879

F-4751 <-- VKM IBPM, VKM FW-3261. Received as: *Bjerkandera adusta*. Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF120203. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5). ([3433](#))

Blakeslea trispora Thaxter 1914

F-666 <-- INMI, VKM F-666 <- Eroshin V.K. IBPM, 357 <- NRRL, NRRL 2456(+). Received as: *Blakeslea trispora*. Synonym: *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT+. (ATCC 14271; CBS 130.59; IMI

195169; KCTC 16782; NRRL 2456+; RIA 232A). Ex: soil. Panama. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, F-1, S-5). ([397](#), [402](#), [459](#), [1307](#), [1347](#), [1365](#), [2094](#), [2733](#), [3917](#), [4000](#), [4117](#), [5024](#))

Blakeslea trispora Thaxter 1914

F-811 <-- INMI, VKM F-811 <- Kuchaeva H.G. INMI<- NRRL, NRRL 2457. Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT-. (ATCC 14272; CBS 131.59; IMI 195169; KCTC 16783; NRRL 2457; QM 6309; RIA 233A; VKM F-921). Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-8, F-1). ([397](#), [402](#), [459](#), [1307](#), [1347](#), [1365](#), [2094](#), [3917](#), [3936](#), [4000](#), [5024](#))

Blakeslea trispora Thaxter 1914

F-812 <-- INMI, VKM F-812 <- Czechoslovakia<- NRRL, NRRL 1348. Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT+. (ATCC 11517; NRRL 1348; VKM F-902). Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([397](#), [1365](#), [2094](#), [3936](#), [3937](#), [4000](#), [4848](#), [4942](#), [5024](#), [5917](#))

Blakeslea trispora Thaxter 1914

F-902 <-- INMI, VKM F-902 <- Bechtereva M.N. INMI <- ATCC, ATCC 11517(+). Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT+. (ATCC 11517; NRRL 1348; VKM F-812). Risk group: no. (Medium [11](#), 25°C, C-1, C-8, F-1, S-5). ([2094](#), [4000](#), [5024](#))

Blakeslea trispora Thaxter 1914

F-903 <-- INMI, VKM F-903 <- Czechoslovakia <- NRRL. Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT-. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1). ([397](#), [1365](#), [2094](#), [4000](#), [4848](#), [4942](#))

Blakeslea trispora Thaxter 1914

F-904 <-- INMI, VKM F-904 <- Czechoslovakia <- NRRL. Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT+. Risk group: no. (Medium [11](#), 25°C, C-13, C-7, F-1). ([1365](#), [2094](#), [4000](#), [4848](#), [4942](#), [5024](#), [5917](#))

Blakeslea trispora Thaxter 1914

F-921 <-- INMI, VKM F-921 <- ATCC, ATCC 14272. Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT-. (ATCC 14272; CBS 131.59; IMI 195169; KCTC 16783; NRRL 2457; QM 6309; RIA 233A; VKM F-811). Risk group: no. (Medium [11](#), 25°C, C-1, C-8, C-13, D-4, F-1, S-5). ([397](#), [402](#), [459](#), [1307](#), [1347](#), [1365](#), [2094](#), [4000](#), [4117](#), [5024](#), [5935](#), [6309](#), [7436](#))

Blakeslea trispora Thaxter 1914

F-986 <-- INMI, VKM F-986 <- RIV, +5. Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. (VKM F-

989). Risk group: no. (Medium [11](#), 25°C, C-1, C-5, C-7, F-1, S-5). ([2094](#), [2215](#), [4000](#), [5721](#), [5935](#), [7436](#))

Blakeslea trispora Thaxter 1914

F-989 <-- INMI, VKM F-989 <- RIV, +5. Received as: *Blakeslea trispora*.
Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. (VKM F-986). Risk group: no. (Medium [11](#), 25°C, C-1, C-8, F-1, S-5). ([2094](#), [4000](#), [4179](#), [4181](#), [4182](#), [5024](#))

Blakeslea trispora Thaxter 1914

F-1201 <-- INMI, VKM F-1201 <- Germany <- NRRL. Received as: *Blakeslea trispora*. Synonym *Choanephora trispora* (Thaxter 1914) S. Sinha 1940. MT+. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2094](#), [4000](#), [5024](#))

Blakeslea trispora Thaxter 1914

F-3758 <-- Belozerskaya T.A. <- Morozova E.S. VKPM, Moscow, Russia, 1521 (+). Received as: *Blakeslea trispora*. MT+. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Blakeslea trispora Thaxter 1914

F-3759 <-- Belozerskaya T.A. <- Morozova E.S. VKPM, Moscow, Russia, 4707 (-). Received as: *Blakeslea trispora*. MT-. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Boeremia lycopersici (Cooke 1885) Aveskamp et al. 2010

F-3666 <-- Rudakov O.L. All-Russian Research Institute of Phytopathology, B.Vyazyomy, Odintsovo district, Moscow Region, Russia, 1992. Received as: *Ascochyta lycopersici*. Synonym: *Ascochyta lycopersici* (Plowright 1881) Brunaud 1887, *Phoma lycopersici* Cooke 1885. Ex: *Lycopersicon esculentum*. Hothouse. Stavropol Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Botryosphaeria rhodina (Berkeley et M.A. Curtis 1889) Arx 1970

F-1175 <-- INMI, VKM F-1175 <- EAN, EAN 51(279). Received as: *Diplodia natalensis* Pole-Evans 1911. State: am - *Diplodia natalensis* Pole-Evans 1911. (EAN 51279). Ex: *Citrus aurantium*. Portugal. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1). ([6379](#))

Botryosporium longibrachiatum (Oudemans 1890) Maire 1903

F-3418 <-- Melnik V.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia <- Faizieva F.Kh. KMUzb. Received as: *Botryosporium longibrachiatum*. Ex: *Solanum tuberosum*. Uzbekistan. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Botryosporium longibrachiatum (Oudemans 1890) Maire 1903

F-3988 <-- Aleksandrova A.V. DMA MSU, 46. Received as: *Botryosporium longibrachiatum*. Ex: *Tradescantia sp.*, dead stem. Moscow, Mitino. Russia. Risk group: no. (Medium [11](#), 25°C, S-5)

Botryotinia narcissicola (P.H. Gregory 1941) N.F. Buchwald 1949

F-96 <-- INMI, VKM F-96 <- CBS, CBS 270.30 <- van Beyma F.H. Received as: Botrytis narcissicola. Synonym: Sclerotinia narcissicola P.H.Gregory 1941. State: am - Botrytis narcissicola Klebahn 1906. (CBS 270.30). Risk group: no. (Medium [9](#), 25°C, C-5, D-4, F-1, S-5).

Botryotinia polyblastis (P.H. Gregory 1938) N.F. Buchwald 1949

F-99 Òype <-- INMI, VKM F-99 <- CBS, CBS 287.38 <- Gregory P.H. Received as: Botrytis polyblastis. Synonym: Sclerotinia polyblastis P.H.Gregory 1938 Type strain. State: am - Botrytis polyblastis Dowson 1928. (CBS 287.38). Ex: Narcissus tazetta, cv. Soleil d'Or. Isles of Scilly, St. Mary's. Latitude, longitude coordinates where collected: 49.9166667;-6.3333333. England. UK. Risk group: no. (Medium [14](#), 25°C, F-1, S-5)

Botryotrichum piluliferum Saccardo et Marchal 1885

F-98 <-- INMI, VKM F-98 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 117. Received as: Botryotrichum piluliferum. Ex: book. Russian State Library. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Botryotrichum piluliferum Saccardo et Marchal 1885

F-473 <-- INMI, VKM F-473 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 473. Received as: Botryotrichum piluliferum. Ex: book. Russian State Library. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Botryotrichum piluliferum Saccardo et Marchal 1885

F-2277 <-- IBPM, IBPM F-341 <- DMA MSU. Received as: Botryotrichum piluliferum. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Botryotrichum piluliferum Saccardo et Marchal 1885

F-3853 <-- Aleksandrova A.V. DMA MSU, Mn32. Received as: Botryotrichum piluliferum. Ex: peat-dung compost. Peat from Shatura, dung from Petelin battery farm, All-Russian Scientific Research and Planning Technological Institute for Chemicalization of Agriculture (VNIPTIHIM). Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Botryotrichum piluliferum Saccardo et Marchal 1885

F-3862 <-- Aleksandrova A.V. DMA MSU, Mn33. Received as: Botryotrichum piluliferum. Ex: Sorex araneus, fur on litter. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Botryotrichum verrucosum (Pugh et al. 1964) X. Wei Wang et Houbraken 2018

F-3568 <-- MUCL, MUCL 8370. Received as: Thermomyces verrucosus. Synonym: Thermomyces verrucosus Pugh, Blakeman et Morgan-Jones 1964. (ATCC 22222; CBS 116.64; IMI 96466; MUCL 8370). Ex: soil. Mature dunes, Gibraltar point. England, Lincolnshire. UK. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5350](#))

Botrytis aclada Fresenius 1850

F-81 <-- INMI, VKM F-81 <- CBS. Received as: *Botrytis allii*. Synonym: *Botrytis allii* Munn 1917. (BIM F-66; CBS 103.23; MUCL 99). Ex: *Allium cepa*, bulb. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Botrytis aclada Fresenius 1850

F-735 <-- INMI, VKM F-735 <- Mirchink T.G. DSB MSU, 6. Received as: *Botrytis allii*. Synonym *Botrytis allii* Munn 1917. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([607](#))

Botrytis anthophila Bondartsev 1913

F-82 <-- INMI, VKM F-82 <- CBS, CBS 131.35 <- Silow R.A. Received as: *Botrytis anthophila*. (CBS 131.35). Ex: *Trifolium pratense*, anther. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)

Botrytis byssoidea J.C. Walker 1925

F-83 Òype <-- INMI, VKM F-83 <- CBS, CBS 104.23 <- Walker J.C. Received as: *Botrytis byssoidea*. (CBS 104.23). Ex: *Allium cepa*, bulb. USA. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)

Botrytis cinerea Persoon 1794

F-85 <-- INMI, VKM F-85 <- CBS, CBS 131.28 <- van Beyma F.H. Received as: *Botrytis cinerea* f. *lini*. Synonym: *Botrytis cinerea* Persoon 1794 f. *lini* J.F.H.Beyma 1929 Type strain. (BIM F-164; CBS 131.28; MUCL 87). Ex: *Linum usitatissimum*, seeds. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([5714](#), [6382](#), [7974](#), [7876](#))

Botrytis cinerea Persoon 1794

F-894 <-- INMI, VKM F-894 <- Lomonosov Moscow State University, Moscow, Russia. Received as: *Botrytis cinerea*. (BIM F-5). Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2079](#), [2232](#), [4117](#))

Botrytis cinerea Persoon 1794

F-1573 <-- INMI, VKM F-1573 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 58577. Received as: *Botrytis cinerea*. Ex: soil. Hornbeam planting, Goloseevsky park. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([8943](#), [8937](#))

Botrytis cinerea Persoon 1794

F-2278 <-- IBPM, IBPM F-255 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia. Received as: *Botrytis cinerea*. Ex: art work. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Botrytis cinerea Persoon 1794

F-2712 <-- Rudakov O.L. INMI, VKM MF-90. Received as: *Botrytis cinerea*. Ex: *Vitis vinifera*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([8143](#))

Botrytis cinerea Persoon 1794

F-2746 <-- Rudakov O.L. INMI, VKM MF-155. Received as: *Botrytis cinerea*. (CBS

564.78C). Ex: fungus, Fomes fomentarius. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([1368](#))

Botrytis cinerea Persoon 1794

F-2760 <-- Rudakov O.L. INMI, VKM MF-206. Received as: *Botrytis cinerea*. (CBS 564.78A). Ex: fungus, *Aureobasidium caulivorum*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([1368](#))

Botrytis cinerea Persoon 1794

F-3700 <-- Rudakov O.L. All-Russian Research Institute of Phytopathology, B.Vyazyomy, Odintsovo district, Moscow Region, Russia, 1806. Received as: *Botrytis cinerea*. Ex: soil. Hothouse. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5174](#), [5741](#))

Botrytis cinerea Persoon 1794

F-3850 <-- Aleksandrova A.V. DMA MSU, Mn30. Received as: *Botrytis cinerea*. Ex: *Clethrionomys glareolus*, fur on litter. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5436](#))

Botrytis cinerea Persoon 1794

F-4549 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Received as: *Botrytis cinerea*. Ex: *Daucus carota* subsp. *sativus*. VNISSOK. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([9131](#))

Botrytis convallariae (Klebahn 1930) Ondrej 1972 ex Boerema et Hamers 1988

F-3635 <-- Sharikadze O.G. DMA MSU, L-14. Received as: *Botrytis convallariae*. Ex: *Convallaria majalis*, leaf. Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Botrytis convallariae (Klebahn 1930) Ondrej 1972 ex Boerema et Hamers 1988

F-3636 <-- Sharikadze O.G. DMA MSU, L-4. Received as: *Botrytis convallariae*. Ex: *Convallaria majalis*, leaf. Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Botrytis convallariae (Klebahn 1930) Ondrej 1972 ex Boerema et Hamers 1988

F-3638 <-- Sharikadze O.G. DMA MSU, L-1. Received as: *Botrytis convallariae*. Ex: *Convallaria majalis*, leaf. Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Botrytis convoluta Whetzel et Drayton 1932

F-86 Authentic strain <-- INMI, VKM F-86 <- CBS, CBS 286.38 <- MUCL 105. Received as: *Botrytis convoluta*. (CBS 286.38). Ex: *Iris germanica*, rhizome. Ontario. Canada. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Botrytis convoluta Whetzel et Drayton 1932

- F-893 <-- INMI, VKM F-893 <- Protsenko E.P. MBG. Received as: *Botrytis convoluta*. Ex: *Iris sp.*, rhizome. Quarantine nursery, N.V. Tsitsin Main Moscow Botanical Garden RAS. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)
- Botrytis elliptica*** (Berkeley 1881) Cooke 1901
- F-89 <-- INMI, VKM F-89 <- CBS, CBS 128.34 <- Cotton A.D. Received as: *Botrytis elliptica*. (CBS 128.34). Ex: *Lilium regale*. Risk group: no. (Medium [11](#), 25°C, C-1, S-5)
- Botrytis fabae*** Sardina 1929
- F-90 Òype <-- INMI, VKM F-90 <- CBS, CBS 120.29 <- Sardina J.R. Received as: *Botrytis fabae*. (CBS 120.29). Ex: *Vicia faba*, leaf. Spain. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)
- Botrytis galanthina*** (Berkeley et Broome 1873) Saccardo 1886
- F-91 <-- INMI, VKM F-91 <- CBS. Received as: *Botrytis galanthina*. (CBS 127.37). Ex: *Galanthus nivalis*. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)
- Botrytis gladiolorum*** Timmermans 1941
- F-92 <-- INMI, VKM F-92 <- CBS, CBS 144.41 <- Timmermans A.S. Received as: *Botrytis gladiolorum*. (CBS 144.41). Ex: *Gladiolus sp.* Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)
- Botrytis gladiolorum*** Timmermans 1941
- F-900 <-- INMI, VKM F-900 <- Protsenko E.P. MBG. Received as: *Botrytis gladiolorum*. Ex: *Gladiolus sp.*, bulb. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)
- Botrytis hyacinthi*** Westerdijk et J.F.H. Beyma 1928
- F-93 Authentic strain <-- INMI, VKM F-93 <- CBS, CBS 145.48 <- van Beyma F.H. Received as: *Botrytis hyacinthi*. (CBS 145.48). Ex: air. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)
- Botrytis lutescens*** Saccardo et Roumeguere 1882
- F-94 <-- INMI, VKM F-94 <- CBS. Received as: *Botrytis lutescens*. (CBS 129.37). Ex: air. Hospital. Baltimore. USA. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)
- Botrytis sp.***
- F-3637 <-- Sharikadze O.G. DMA MSU, M/mus. Received as: *Botrytis sp.* Ex: *Maianthemum bifolium*, leaf. Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)
- Botrytis squamosa*** J.C. Walker 1925
- F-101 Òype <-- INMI, VKM F-101 <- CBS. Received as: *Botrytis squamosa*. (CBS 105.23; IMI 031245b; MUCL 1107). Ex: *Allium cepa*, bulb. California. USA. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)

Botrytis tulipae (Libert 1830) Lind 1913

F-915 <-- INMI, VKM F-915 <- Protsenko E.P. MBG. Received as: *Botrytis tulipae*. Ex: Tulipa **sp.**, leaf. Izmailov park. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, S-5)

Brachysporium nigrum (Link 1824) S. Hughes 1958

F-1993 <-- INMI, VKM F-1993 <- DSB MSU, 243. Received as: *Acrothecium apicale*. Synonym: *Acrothecium apicale* (Berkeley et Broome 1861) Hoehnel 1904. Ex: soil. Middle Asia. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Byssochlamys nivea Westling 1909

F-963 <-- INMI, VKM F-963 <- Milko A.A. Received as: *Byssochlamys nivea*. Ex: hot grape juice (60 C). Republic of Moldova. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5).

Byssochlamys nivea Westling 1909

F-1486 <-- INMI, VKM F-1486 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 576. Received as: *Byssochlamys musticola* Naumov et Kiryalova 1935. (CBS 606.71). Ex: Avena **sp.**, grain. Kharkov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Cadophora fastigiata Lagerberg et Melin 1928

F-706 <-- INMI, VKM F-706 <- LWP. Received as: *Phialophora fastigiata*. Synonym: *Phialophora fastigiata* (Lagerberg et Melin 1927) Conant 1937. Ex: wood, Pinus **sp.** Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Cadophora fastigiata Lagerberg et Melin 1928

F-4748 <-- VKM IBPM, VKM FW-3257. Received as: *Cadophora fastigiata*. Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF494621. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora fastigiata Lagerberg et Melin 1928

F-4749 <-- VKM IBPM, VKM FW-3259. Received as: *Cadophora fastigiata*. Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF494623. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora fastigiata Lagerberg et Melin 1928

F-4761 <-- VKM IBPM, VKM FW-3300. Received as: *Cadophora fastigiata*. Ex: soil from a constantly used tracked vehicle road rut near a diesel power station, Bellingshausen Station, soil pit LA57-BI-04 (1) (road), depth 0–0,05 m. King George Island, Antarctica. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora fastigiata Lagerberg et Melin 1928

F-4772 <-- Grum-Grzhimaylo O.A. DMA MSU. Ex: sphagnum peat (0.15 m). Boggy coast of the fresh-marine lake, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JX535145. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora luteo-olivacea (J.F.H. Beyma 1940) T.C. Harrington et McNew 2003

F-4745 <-- VKM IBPM, VKM FW-3240. Received as: *Cadophora luteo-olivacea*. Ex: soil from tracked vehicle road rut, Oasis Scientific Station, soil pit LA56-Bn-03, depth 0–0,05 m. Bunger Oasis, Wilkes Land, Antarctica. DNA sequences: MF494614. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora luteo-olivacea (J.F.H. Beyma 1940) T.C. Harrington et McNew 2003

F-4746 <-- VKM IBPM, VKM FW-3241. Received as: *Cadophora luteo-olivacea*. Ex: soil from tracked vehicle road rut, Oasis Scientific Station, soil pit LA56-Bn-03, depth 0–0,05 m. Bunger Oasis, Wilkes Land, Antarctica. DNA sequences: MF494615. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora luteo-olivacea (J.F.H. Beyma 1940) T.C. Harrington et McNew 2003

F-4773 <-- Grum-Grzhimaylo O.A. DMA MSU. Ex: sphagnum peat (0.1 m). Boggy coast of the fresh-marine lake, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JX535132. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora malorum (Kidd et Beaumont 1924) W. Gams 2000

F-387 <-- INMI, VKM F-387 <- LCP, LCP 1597. Received as: *Phialophora atra*. Synonym: *Phialophora atra* van Beyma 1942, *Phialophora malorum* (Kidd et Beaumont 1924) McColloch 1944. (LCP 1597). Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5,). ([2231](#))

Cadophora malorum (Kidd et Beaumont 1924) W. Gams 2000

F-419 <-- INMI, VKM F-419 <- CBS, CBS 259.32. Received as: *Torula heteroderae*. Synonym *Torula heteroderae* Korab 1929, *Phialophora malorum* (Kidd et Beaumont 1924) McColloch 1944. (CBS 259.32). Ex: nematode, *Heterodera schachtii*, cyst. Beetroot field soil. Bohemia. Czech Republic. Risk group: no. (Medium [13](#), 25°C, C-5, C-7, F-1, S-5)

Cadophora malorum (Kidd et Beaumont 1924) W. Gams 2000

F-2153 <-- INMI, VKM F-2153 <- Milko A.A. IBIW, 4307. Received as: *Phialophora malorum*. Synonym *Phialophora malorum* (Kidd et Beaumont 1924) McColloch 1944. Ex: *Pelecus cultratus*, gills. Beloye Lake, Kovzha River. Vologda Region. Russia. Risk group: no. (Medium [13](#), 30°C, C-1, C-7, F-1, S-5)

Cadophora malorum (Kidd et Beaumont 1924) W. Gams 2000

F-2211 <-- Milko A.A. IBIW, 4451. Received as: *Phialophora malorum*. Synonym *Phialophora malorum* (Kidd et Beaumont 1924) McColloch 1944. Ex: water. Nero Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cadophora malorum (Kidd et Beaumont 1924) W. Gams 2000

F-4744 <-- VKM IBPM, VKM FW-3239. Received as: *Cadophora malorum*. Ex: soil from tracked vehicle road rut, Oasis Scientific Station, soil pit LA56-Bn-03, depth 0–0,05 m. Bunge Oasis, Wilkes Land, Antarctica. DNA sequences: MF494613. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora malorum (Kidd et Beaumont 1924) W. Gams 2000

F-4747 <-- VKM IBPM, VKM FW-3256. Received as: *Cadophora malorum*. Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF494620. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cadophora melinii Nannfeldt 1934

F-794 <-- INMI, VKM F-794 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 6-5. Received as: *Phialophora melinii*. Synonym: *Phialophora melinii* (Nannfeldt 1934) Conant 1937. Ex: peat. Zhitomir Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Calcarisporium arbuscula Preuss 1851

F-2771 <-- Rudakov O.L. INMI, VKM MF-251. Received as: *Calcarisporium arbuscula*. (ATCC 36805). Ex: fungus, *Armillaria mellea*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1368](#))

Calcarisporium arbuscula Preuss 1851

F-2826 <-- Rudakov O.L. INMI, VKM MF-452. Received as: *Calcarisporium arbuscula*. (ATCC 36789). Ex: fungus, *Bolbitius reticulatus*. Moscow Region, Serpukhov District, Gurovo. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1368](#))

Calcarisporium arbuscula Preuss 1851

F-3490 <-- Pashenova N.V. V.N.Sukachev Institute of Forest RAS, Academgorodok 50, Krasnoyarsk, Russia, 919. Received as: Genus **sp.** Other name: *Verticillium insectorum* (Petch 1931) W. Gams 1971. Ex: *Abies sibirica*, trunk, alburnum. Krasnoyarsk Territory, Ermakovsky District, Tanzybey. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5, C-1)

Calcarisporium griseum Spegazzini 1902

F-3443 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, X-KR91. Received as: *Sepedonium sp.* Ex: fungus, *Xylaria sp.* Kintrishi Reserve. Adjara, Tzkhemuani. Georgia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Calcarisporium sp.

F-3442 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, DHi-KR(K-Ch)93-1. Received as: *Tolypocladium sp.* Ex: mosquito (Diptera, Chironomidae), imago. City forest-park. Kirov Region, Kirovo-Chepetsk. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Calocera viscosa (Persoon 1794) Fries 1821

F-2952 <-- Oberwinkler F., Germany, FO 24133.f. Received as: *Calocera viscosa*

(Persoon 1794) Fries 1821. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

***Celosporium* sp.**

F-4538 <-- VKM IBPM, VKM FW-3177. Received as: *Celosporium* sp. Ex: permafrost, hole A2/07, depth 2,30-2,40 m. Progress Station, Antarctica. DNA sequences: JN835192. Risk group: no. (Medium [11](#), 20°C, C-8, F-1, S-5).

Cephalotrichum gorgonifer (Bainier 1907) Sandoval-Denis et al. 2016

F-3004 <-- Mirchink T.G. DSB MSU, 366. Received as: *Trichurus spiralis*. Synonym: *Trichurus spiralis* Hasselbring 1900. Ex: soil, leached chernozem. Voronezh. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5436](#), [6766](#), [8258](#))

Cephalotrichum microsporium (Saccardo 1878) P.M. Kirk 1984

F-3773 <-- Ivanushkina N.E. VKM IBPM, 148k. Received as: *Doratomyces microsporus*. Synonym: *Doratomyces microsporus* (Saccardo 1878) F.J. Morton et G. Smith 1963. Ex: buried soil, B1 horizon, depth 45-67 cm. Mound group Poltavkinskaya, the end of III century BC. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Cephalotrichum purpureofuscum (Schweinitz 1832) S. Hughes

F-2519 <-- IBIW, 1658. Received as: *Doratomyces purpureofuscum*. Synonym: *Doratomyces purpureofuscum* (Schweinitz 1832) F.J. Morton et G. Smith 1963. Ex: *Abramis brama*, oesophagus. Delta of Danube River. Republic of Moldova. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([8090](#), [5134](#), [5378](#), [5604](#))

Cephalotrichum stemonitis (Persoon 1801) Nees 1809

F-891 <-- INMI, VKM F-891 <- National Research Center of Antibiotics, Moscow, Russia, RIA 233B. Received as: *Echinobotryum atrum*. Synonym: *Echinobotryum atrum* Corda 1829, *Doratomyces stemonitis* (Persoon 1801) F.J. Morton et G. Smith 1963. (RIA 233B). Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cephalotrichum stemonitis (Persoon 1801) Nees 1809

F-1209 <-- INMI, VKM F-1209 <- Milko A.A., 940. Received as: *Echinobotryum atrum*. Synonym *Echinobotryum atrum* Corda 1829, *Doratomyces stemonitis* (Persoon 1801) F.J. Morton et G. Smith 1963. Ex: soil. Armenia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cephalotrichum stemonitis (Persoon 1801) Nees 1809

F-2424 <-- IBPM, IBPM F-101 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 151. Received as: *Stysanus stemonitis*. Synonym *Stysanus stemonitis* (Persoon 1797) Corda 1837, *Doratomyces stemonitis* (Persoon 1801) F.J. Morton et G. Smith 1963. Ex: oil painting. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cephalotrichum stemonitis (Persoon 1801) Nees 1809

F-3694 <-- Ivanushkina N.E. VKM IBPM, 3. Received as: *Doratomyces stemonitis*.

Synonym *Doratomyces stemonitis* (Persoon 1801) F.J. Morton et G. Smith 1963. Ex: *Rosa* **sp.**, stem. Hothouse. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Cephalotrichum stemonitis (Persoon 1801) Nees 1809

F-4008 <-- Aleksandrova A.V. DMA MSU, 72. Received as: *Doratomyces stemonitis*. Synonym *Doratomyces stemonitis* (Persoon 1801) F.J. Morton et G. Smith 1963. Ex: agricultural soil. Experimental potato field in K.A. Timiryazev Moscow Agricultural Academy territory. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Ceratellopsis equiseticola (Boudier 1917) Corner 1950

F-2512 <-- Milko A.A. IBIW, 1458. Received as: *Ceratellopsis equiseticola* (Boudier 1917) Corner 1950. Ex: *Scirpus lacustris*. Ivankovsky Reservoir. Tver Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, S-4, S-5).

Ceratocystis adiposa (E.J. Butler 1906) C. Moreau 1952

F-4070 <-- Aleksandrova A.V. DMA MSU, 44. Received as: *Ceratocystis adiposa*. Ex: *Daucus carota*, root vegetable. Moscow. Russia. Risk group: no. (Medium [9](#), 25°C, D-4, F-1).

Ceratocystis paradoxa (Dade 1928) C. Moreau 1952

F-413 <-- INMI, VKM F-413 <- Afrikyan E.G. <- LCP, LCP 372. Received as: *Thielaviopsis paradoxa*. Synonym: *Ophiostoma paradoxum* (Dade 1928) Nannfeldt 1934. State: am - *Thielaviopsis paradoxa* (de Seynes 1886) von Hoehnel 1904. (LCP 372). Ex: *Elaeis guineensis*, root. Cameroon. Risk group: no. (Medium [14](#), 25°C, C-1, D-4, F-1, S-5). ([6379](#))

Ceratocystis paradoxa (Dade 1928) C. Moreau 1952

F-971 <-- INMI, VKM F-971 <- Shirokov O.G. <- IFO, IFO 6804. Received as: *Ophiostoma paradoxum*. Synonym *Ophiostoma paradoxum* (Dade 1928) Nannfeldt 1934. (IFO 6804; LCP 1054; NI 4267). Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Ceratocystis pilifera (Fries 1822) C. Moreau 1952

F-1453 <-- INMI, VKM F-1453 <- Senezh laboratory of The Central scientific research institute of wood processing, Senezh square, Solnechnogorsk, Moscow region. Received as: *Ophiostoma coeruleum*. Synonym: *Ophiostoma coeruleum* (Muench 1907) H.Sydow et P.Sydow 1919, *Ophiostoma piliferum* (Fries 1822) Sydow et P.Sydow 1919. Ex: *Pinus* **sp.** Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([6379](#))

Ceratocystis pilifera (Fries 1822) C. Moreau 1952

F-1853 <-- INMI, VKM F-1853 <- Beliakova L.A. Received as: *Ceratocystis pilifera*. Synonym *Ophiostoma piliferum* (Fries 1822) Sydow et P.Sydow 1919. Ex: laboratory contaminant. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Cercospora armoraciae Saccardo 1876

F-2163 <-- INMI, VKM F-2163 <- CBS, CBS 250.67. Received as: *Cercospora armoraciae*. (CBS 250.67). Ex: *Armoracia rusticana*. Rumania. Risk group: no. (Medium [9](#), 25°C, C-5, D-4, S-5). ([2232](#), [5134](#))

Cercospora beticola Saccardo 1876

F-3191 <-- Boltyanskaya E.V. Scientific Research Institute of Nutrition, Moscow, Russia <-- Golinski P. NRRL <- ATCC 24889. Received as: *Cercospora beticola*. (ATCC 24889). Ex: *Beta vulgaris* var. *saccharifera*, leaf. Greece. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([3274](#), [3275](#), [4117](#))

Cercospora beticola Saccardo 1876

F-3192 <-- Boltyanskaya E.V. Scientific Research Institute of Nutrition, Moscow, Russia <-- Golinski P. NRRL, ATCC 28059. Received as: *Cercospora beticola*. (ATCC 28059). Ex: *Beta vulgaris* var. *saccharifera*, leaf. Texas. USA. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Cercospora carotae (Passerini 1887) Kaznowski et Siemaszko 1929

F-2164 <-- INMI, VKM F-2164 <- CBS, CBS 101.65. Received as: *Cercospora carotae*. (CBS 101.65). Ex: *Daucus carota*, leaf. Norway. Risk group: no. (Medium [11](#), 25°C, C-5, S-5). ([2232](#), [3215](#), [4117](#))

Cercospora plantaginis Saccardo 1878

F-2166 <-- INMI, VKM F-2166 <- CBS, CBS 252.67. Received as: *Cercospora plantaginis*. (CBS 252.67). Ex: *Plantago lanceolata*. Rumania. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, S-5). ([2232](#), [3215](#), [4117](#))

Cercospora rosicola Passerini 1875

F-2165 <-- INMI, VKM F-2165 <- CBS, CBS 138.35. Received as: *Cercospora rosicola*. (ATCC 52313; CBS 138.35). Ex: *Rosa sp.*, leaf. New York. USA. Risk group: no. (Medium [11](#), 25°C, C-1, S-5). ([2232](#), [3215](#), [4117](#))

Cercospora violae Saccardo 1876

F-2167 <-- INMI, VKM F-2167 <- CBS, CBS 251.67. Received as: *Cercospora violae*. (CBS 251.67). Ex: *Viola tricolor*. Rumania. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, S-5). ([2232](#), [3215](#))

Ceriporiopsis gilvescens (Bresadola 1908) Domanski 1963

F-3200 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 41. Received as: *Ceriporia gilvescens* (Bresadola 1908) Donk 1933. Synonym: *Ceriporia gilvescens* (Bresadola 1908) Donk 1933. Ex: fruitbody on *Populus tremula*. Akmola Region, Borovoe. Kazakhstan. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Cerrena unicolor (Bulliard 1788) Murrill 1903

F-3196 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 78. Received as: *Cerrena unicolor* (Bulliard 1788) Murrill 1903. Ex: fruitbody on *Betula sp.* Severnaya Sosva River. Tyumen Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([4054](#), [4435](#), [4556](#), [4742](#), [5100](#), [5156](#), [7058](#), [7414](#), [7455](#), [7646](#), [8250](#), [8767](#), [8546](#))

Chaetocladium brefeldii van Tieghem et G. Le Monnier 1873

F-1047 <-- INMI, VKM F-1047 <- CBS, CBS 136.28. Received as: *Chaetocladium brefeldii*. MT+. (CBS 136.28; DSM 3114; IMI 191242; NRRL 2509). Ex: horse manure. Risk group: no. (Medium [9](#), 6°C, C-1, C-7, C-8, F-1). ([1365](#), [4028](#))

Chaetocladium brefeldii van Tieghem et G. Le Monnier 1873

F-1112 <-- INMI, VKM F-1112 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 7001. Received as: *Chaetocladium brefeldii*. MT+. Ex: Cornus **sp.**, decaying fruit. Republic of Crimea. Russia. Risk group: no. (Medium [9](#), 15°C, C-1, C-7, C-8, D-4, F-1). ([1365](#), [4028](#))

Chaetocladium jonesii (Berkeley et Broome 1854) Fresenius 1863

F-1046 <-- INMI, VKM F-1046 <- CBS, CBS 161.48. Received as: *Chaetocladium jonesii*. (CBS 161.48; IMI 200041; MUCL 1059; NRRL 2343). Ex: forest soil. Wisconsin, near Sauk City. USA. Risk group: no. (Medium [9](#), 6°C, C-1, C-8, F-1, S-5). ([1365](#), [3083](#), [4028](#))

Chaetomidium pilosum (C. Booth et Shipton 1966) Arx 1975

F-1851 Òype <-- INMI, VKM F-1851 <- CMI, IMI 113231. Received as: *Thielavia pilosa*. Synonym: *Thielavia pilosa* C.Booth et Shipton 1966. (CBS 335.67; IMI 113231). Ex: *Triticum sativum*, grain. Western Australia, Beverley. Australia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Chaetomium amesii Sergeeva 1965

F-1948 Òype <-- INMI, VKM F-1948 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 8 <- Ames L.M. Received as: *Chaetomium amesii*. (CBS 338.68). Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([142](#))

Chaetomium angustispirale Sergeeva 1956

F-1942 Type <-- INMI, VKM F-1942 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 1 <- Oganova E.A. V.N.Sukachev Institute of Forest RAS, Academgorodok, Krasnoyarsk, Russia. Received as: *Chaetomium angustispirale*. (CBS 137.58; IMI 74952). Ex: *Fraxinus sp.* Tellerman Forest. Voronezh Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([21](#))

Chaetomium aureum Chivers 1912

F-1349 <-- INMI, VKM F-1349 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, M2457. Received as: Genus **sp.** Ex: soil. Zhitomir Region. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium aureum Chivers 1912

F-1597 <-- INMI, VKM F-1597 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine, 51328. Received as: *Chaetomium aureum*. Ex: rhizosphere, *Avena sp.* Zhitomir Region. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium brasiliense Batista et Pontual 1948

F-3649 <-- Egorova A.V. DMA MSU, MSU-54. Received as: *Chaetomium brasiliense*. Ex: volcanic ash soil, depth 7-10 cm. Mountainous meadow, Valley of Geysers, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [9](#), 25°C, C-8, F-1). ([9139](#))

Chaetomium crispatum (Fuckel 1867) Fuckel 1870

F-1599 <-- INMI, VKM F-1599 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 57246. Received as: *Chaetomium anahelicinum*. Synonym: *Chaetomium anahelicinum* Udagawa et Cain 1969. Ex: soil. Oak planting. Kiev Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([21](#))

Chaetomium elatum Kunze 1817

F-108 <-- INMI, VKM F-108 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 267. Received as: *Chaetomium elatum*. Ex: book binding. Moscow. Russia. Risk group: 4. (Medium [25](#), 25°C, C-1, D-4, F-1, S-5). ([4031](#))

Chaetomium elatum Kunze 1817

F-1350 <-- INMI, VKM F-1350 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, M1253. Received as: Genus **sp.** Ex: soil. Zhitomir Region. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5)

Chaetomium elatum Kunze 1817

F-1947 <-- INMI, VKM F-1947 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 7. Received as: *Chaetomium tenuissimum*. Synonym *Chaetomium tenuissimum* Sergeeva 1960 Type strain. (ATCC 14532; CBS 151.60; IMI 81769). Ex: virgin soil, depth 10-20 cm. Novosibirsk Region, Kupinsk District. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([22](#))

Chaetomium fieberi Corda 1837

F-2285 <-- IBPM, IBPM F-71 <- DMA MSU. Received as: *Chaetomium fieberi*. Risk group: 4. (Medium [10](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium funicola Cooke 1873

F-2098 <-- INMI, VKM F-2098 <- TUB, UAMH 3034. Received as: *Chaetomium funicola*. (CBS 378.77; TUB UAMH3034; UAMH 3034). Canada. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium funicola Cooke 1873

F-4066 <-- Aleksandrova A.V. DMA MSU, 20. Received as: *Chaetomium funicola*. Ex: litter. Aspen-alder forest with spruce underwood, Volga River, right

bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [9](#), 25°C, F-1)

***Chaetomium globosum* Kunze 1817**

F-109 <-- INMI, VKM F-109 <- Afrikyan E.G. <- LCP, LCP 679. Received as: *Chaetomium globosum*. (LCP 679). Ex: *Linum usitatissimum*, seeds. Risk group: 4. (Medium [25](#), 25°C, C-1, F-1, S-5). ([8686](#), [1321](#), [1812](#), [2079](#), [2112](#), [2178](#), [4314](#), [4925](#), [5808](#), [5998](#), [6222](#), [6311](#), [6379](#), [6645](#), [7368](#), [7571](#), [7786](#), [7766](#), [7775](#), [7798](#), [7799](#), [8163](#), [8256](#))

***Chaetomium globosum* Kunze 1817**

F-475 <-- INMI, VKM F-475 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 553. Received as: *Chaetomium globosum*. Ex: ancient rag paper book. Moscow. Russia. Risk group: 4. (Medium [10](#), 25°C, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-831 <-- INMI, VKM F-831 <- MW, 180. Received as: *Chaetomium globosum*. Risk group: 4. (Medium [25](#), 25°C, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-838 <-- INMI, VKM F-838 <- MW <- Institute of General Botany and Plant Physiology, Friedrich Schiller University Jena, Jena, Germany. Received as: *Chaetomium cochlioides*. Synonym *Chaetomium cochlioides* Palliser 1910. Risk group: 4. (Medium [25](#), 25°C, C-1, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-1256 <-- INMI, VKM F-1256 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1901. Received as: *Chaetomium cochlioides*. Synonym *Chaetomium cochlioides* Palliser 1910. Ex: soil. Spruce forest. Zakarpattya Region, Ust-Chorna. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-1598 <-- INMI, VKM F-1598 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 55579. Received as: *Chaetomium globosum*. Ex: litter. Birch planting. Kiev Region. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-1946 <-- INMI, VKM F-1946 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 6. Received as: *Chaetomium coarctatum*. Synonym *Chaetomium coarctatum* Sergeeva 1961 Type strain. (ATCC 14530; CBS 162.62; IMI 90491). Ex: *Campanula medium*, seeds. St.-Petersburg. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-1949 <-- INMI, VKM F-1949 <- Sergeeva K.S. V.L. Komarov Botanical Institute

RAS, Saint Petersburg, Russia <- Botanical Garden, Bygdoshche, Poland, NE158. Received as: *Chaetomium rectum*. Synonym *Chaetomium rectum* Sergeeva 1961 Type strain. (ATCC 14529; CBS 164.62; IMI 90488). Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([23](#))

***Chaetomium globosum* Kunze 1817**

F-1951 <-- INMI, VKM F-1951 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 12. Received as: *Chaetomium subglobosum*. Synonym *Chaetomium subglobosum* Sergeeva 1960 Type strain. (ATCC 14533; CBS 149.60; IMI 81770). Ex: herbaceous plant, dry stem. St.-Petersburg. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([22](#))

***Chaetomium globosum* Kunze 1817**

F-2284 <-- IBPM, IBPM F-69 <- DMA MSU. Received as: *Chaetomium globosum*. Risk group: 4. (Medium [10](#), 25°C, C-8, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-2796 <-- Rudakov O.L. INMI, VKM MF-340. Received as: *Chaetomium cochlioides*. Synonym *Chaetomium cochlioides* Palliser 1910. Ex: fungus, *Blumeria graminis*. Novosibirsk. Russia. Risk group: 4. (Medium [10](#), 25°C, C-1, D-4, F-1, S-5)

***Chaetomium globosum* Kunze 1817**

F-4067 <-- Aleksandrova A.V. DMA MSU, 21. Received as: *Chaetomium globosum*. Ex: litter. Aspen-alder forest with spruce underwood, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [9](#), 25°C, D-4, F-1)

***Chaetomium globosum* Kunze 1817**

F-4068 <-- Aleksandrova A.V. DMA MSU, 26. Received as: *Chaetomium globosum*. Ex: podzolic soil, A1 horizon. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [9](#), 25°C, D-4, F-1)

***Chaetomium homopilatum* Omvik 1953**

F-1347 <-- INMI, VKM F-1347 <- Milko A.A., M2463. Received as: Genus **sp.** Ex: soil. Zhitomir Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

***Chaetomium homopilatum* Omvik 1953**

F-4044 <-- Aleksandrova A.V. DMA MSU, 33. Received as: *Chaetomium homopilatum*. Ex: *Microtus arvalis*, fur on litter. Forb meadow, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1)

***Chaetomium indicum* Corda 1840**

F-1936 <-- INMI, VKM F-1936 <- IBPM, IBPM F-66 <- VIZR. Received as: *Chaetomium indicum*. St.-Petersburg. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium megalocarpum Bainier 1910

F-1935 <-- INMI, VKM F-1935 <- IBPM, IBPM F-65 <- DMA MSU. Received as: *Chaetomium megalocarpum*. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium megalocarpum Bainier 1910

F-1944 <-- INMI, VKM F-1944 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 4. Received as: *Chaetomium megalocarpum*. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium nozdrenkoae Sergeeva 1961

F-1953 Type <-- INMI, VKM F-1953 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Chaetomium nozdrenkoae*. (ATCC 14528; CBS 163.62; IMI 90490; IMI 090490ii; MUCL 18703). Ex: virgin soil, depth 35 cm. Novosibirsk Region, Andreevsk District. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([23](#))

Chaetomium perlucidum Sergeeva 1956

F-1950 Type <-- INMI, VKM F-1950 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 10-11. Received as: *Chaetomium perlucidum*. (CBS 141.58; IMI 74954). Ex: herbaceous plant, dry stem. Kiev. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([21](#))

Chaetomium seminis-citrulli Sergeeva 1956

F-1952 Type <-- INMI, VKM F-1952 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 15-16. Received as: *Chaetomium seminis-citrulli*. (CBS 143.58; IMI 74953). Ex: fox dung. Turkmenistan. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([21](#), [5350](#))

***Chaetomium* sp.**

F-2701 <-- Rudakov O.L. INMI, VKM MF-69. Received as: *Stemphylium fichera*. Ex: *Cuscuta* sp., decaying stem. Kyrgyzstan. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Chaetomium spirale Zopf 1881

F-1937 <-- INMI, VKM F-1937 <- IBPM, IBPM F-68 <- Kamyschko O.P. VIZR. Received as: *Chaetomium spirale*. Ex: soil. Leningrad Region. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5)

Chaetomium subaffine Sergeeva 1961

F-1945 Type <-- INMI, VKM F-1945 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 5. Received as: *Chaetomium subaffine*. (ATCC 14531; CBS 637.91; IMI 90489). Ex: herbaceous plant, stem. USSR. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([23](#))

Chaetomium subspirilliferum Sergeeva 1960

F-1943 Type <-- INMI, VKM F-1943 <- Sergeeva K.S. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 2-3. Received as: *Chaetomium subspirilliferum*. (ATCC 14534; CBS 150.60; IMI 81771). Ex: soil. Kulunda Steppe. Altai Territory. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4,

F-1, S-5). ([22](#))

Chaetomium trilaterale Chivers 1912

F-3646 <-- Egorova A.V. DMA MSU, MSU-34. Received as: *Chaetomium rubrogenum*. Synonym: *Chaetomium rubrogenum* Van Warmelo 1967. Ex: soil. Dry thermal landscape, Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [9](#), 25°C, C-8, F-1)

Chaunopycnis alba W. Gams 1979

F-3991 <-- Aleksandrova A.V. DMA MSU, 3. Received as: *Chaunopycnis alba*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Chloridium caesium (Nees et T. Nees 1818) Reblova et Seifert 2016

F-1570 <-- INMI, VKM F-1570 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 816. Received as: *Gonytrichum caesium*. Synonym: *Gonytrichum caesium* Nees et T. Nees 1818. Ex: *Quercus* sp., brushwood. Goloseevsky park. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([6379](#))

Chloridium virescens (Persoon 1797) W. Gams et Holubova-Jechova 1976 var. *caudigerum* (Hoehnel 1903) W. Gams et Holubova-Jechova 1976

F-80 <-- INMI, VKM F-80 <- CBS, CBS 142.54. Received as: *Bisporomyces chlamidosporis* J.F.H. Beyma 1940. (CBS 142.54; MUCL 15765). Ex: soil. Yangambi. Congo (DRC). Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#), [5604](#))

Chlorophyllum rhacodes (Vittadini 1835) Vellinga 2002

F-3249 <-- Semashko A.Yu. A.N. Severtsov Institute of Ecology and Evolution, Moscow, Russia, P-156. Received as: *Macrolepiota rhacodes* (Vittadini 1835) Singer 1951. Synonym: *Macrolepiota rhacodes* (Vittadini 1835) Singer 1951. Ex: fruitbody. Deadcovering fir-grove. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([4225](#))

Choanephora cucurbitarum (Berkeley et Ravenel 1875) Thaxter 1903

F-969 <-- INMI, VKM F-969 <- IFO, IFO 5877 <- Indian Agricultural Research Institute, New Delhi, India, GC-328. Received as: *Choanephora cucurbitarum*. MT+. (IFO 5877; NBRC 5877). Risk group: no. (Medium [9](#), 20°C, C-1, C-12, F-1, S-5). ([397](#), [401](#), [2215](#))

Choanephora infundibulifera (Currey 1873) Saccardo 1891

F-1044 <-- INMI, VKM F-1044 <- CBS, CBS 153.51. Received as: *Choanephora infundibulifera*. MT+. (CBS 153.51). Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([397](#), [401](#), [1365](#))

Chondrostereum purpureum (Persoon 1794) Pouzar 1959

F-722 <-- INMI, VKM F-722 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Stereum purpureum* Persoon

1794. Synonym: *Stereum purpureum* Persoon 1794. Ex: beech lumber. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([1490](#))

Chordomyces antarcticus Bilanenko et al. 2015

F-3906 <-- Georgieva M.L. DMA MSU, M31. Received as: *Acremonium sp.* Synonym: *Chordomyces antarcticum* Bilanenko, Georgieva, A.A. Grum-Grzhimaylo 2015. Other name: *Acremonium sp.* (CBS 120047). Ex: saline soil, chloride salinity, pH 10. Kulunda Steppe, Solyonoe Lake. Altai Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([5387](#))

Chordomyces antarcticus Bilanenko et al. 2015

F-4770 <-- Ponizovskaya V.B. DMA MSU. Received as: *Chordomyces antarcticum*. Synonym *Chordomyces antarcticum* Bilanenko, Georgieva, A.A. Grum-Grzhimaylo 2015. Ex: plaster. Indoor, wing, Tver Regional Picture Gallery. Tver. Russia. DNA sequences: LT549083. Risk group: no. (Medium [11](#), 25°C, S-5, F-1, C-8). ([5386](#))

Chromelosporium fulvum (Link 1824) McGinty et al.1975

F-3655 <-- Kochkina G.A. VKM IBPM <- Mamukashvili A. DSB MSU. Received as: *Ostracoderma sp.* Other name: *Ostracoderma sp.* Ex: permafrost, hole 4/95, depth 3,42-3,48 m, age 30 thousand years. Miers Valley, Antarctica. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5).

Chromelosporium fulvum (Link 1824) McGinty et al.1975

F-3804 <-- Aleksandrova A.V. DMA MSU. Received as: *Chromelosporium fulvum*. Synonym *Ostracoderma dichotomum* (F.A. Wolf 1955) Matsushima 1975. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Chrysosporium keratinophilum D. Frey 1959 ex J.W. Carmichael 1962

F-2119 <-- INMI, VKM F-2119 <- Sharapov V.M. Biological Institute SD RAS, 40A/75. Received as: *Chrysosporium kuzurovianum*. Synonym: *Chrysosporium kuzurovianum* Scharapov 1974 Type strain. State: tm - *Aphanoascus keratinophilus* Punsola et Cano 1990. (CBS 667.78; UAMH 4322 *Chrysosporium kuzurovianum*). Ex: soil, meadow chernozem. Floodplain of Ob River. Tomsk Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([151](#), [6766](#), [9176](#), [8258](#))

Chrysosporium keratinophilum D. Frey 1959 ex J.W. Carmichael 1962

F-2875 Òype <-- Rudakov O.L. INMI, VKM MF-567 <- ATCC, ATCC 14803. Received as: *Chrysosporium keratinophilum*. State: tm - *Aphanoascus keratinophilus* Punsola et Cano 1990. (ATCC 14803; CBS 104.62; IP 1524.84; IP 1573.84; IFO 7584; IMI 091692; RNSH 325; UAMH 914). Ex: soil. Kavieng. Papua New Guinea. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([307](#), [887](#), [3206](#), [3256](#))

Chrysosporium lobatum Scharapov 1978

F-2120 Type <-- INMI, VKM F-2120 <- Sharapov V.M. Biological Institute SD RAS, 15D/69. Received as: *Chrysosporium lobatum*. (CBS 666.78; UAMH 4321).

Ex: Apodemus **sp.**, fur. Rostov. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1). ([151](#), [6694](#))

Chrysosporium lucknowense Garg 1966

F-3555 <-- Okunev O.N. IBPM <- ATCC, ATCC 44006. Received as: *Chrysosporium lucknowense*. (ATCC 44006; CBS 272.77; CDC 64995; UAMH 3675). Georgia. USA. Risk group: no. (Medium [11](#), 25°C, C-8, F-1)

Chrysosporium merdarium (Link 1818 ex Greville 1823) J.W. Carmichael 1962

F-2121 <-- INMI, VKM F-2121 <- Sharapov V.M. Biological Institute SD RAS, 2K/74. Received as: *Chrysosporium verruculatum*. Synonym: *Chrysosporium verruculatum* Scharapov 1978 Type strain. (CBS 665.78; UAMH 5338 on 1990). Ex: Apodemus **sp.**, fur. Kirov. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([151](#), [887](#))

Chrysosporium merdarium (Link 1818 ex Greville 1823) J.W. Carmichael 1962

F-3547 <-- Egorova A.V., Velikanov L.L. DMA MSU, 55. Received as: *Chrysosporium merdarium*. Ex: volcanic ash soil. Mountainous meadow, Valley of Geysers, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, S-5). ([6379](#))

Chrysosporium queenslandicum Apinis et R.G. Rees 1976

F-2116 <-- INMI, VKM F-2116 <- Sharapov V.M. Biological Institute SD RAS, 1K/74. Received as: *Chrysosporium articulatum*. Synonym: *Chrysosporium articulatum* Scharapov 1978 Type strain. (CBS 662.78; UAMH 4320 *Chrysosporium articulatum*). Ex: *Sicista betulina*, fur. Novosibirsk. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([151](#), [6694](#))

Chrysosporium queenslandicum Apinis et R.G. Rees 1976

F-2117 <-- INMI, VKM F-2117 <- Sharapov V.M. Biological Institute SD RAS, 91K/74. Received as: *Chrysosporium articulatum* var. *minoris*. Synonym *Chrysosporium articulatum* Scharapov 1978 var. *minoris* Scharapov 1978 Type strain. (CBS 663.78; UAMH 4709 *Chrysosporium articulatum* var. *minus*). Ex: Apodemus *agrarius*, fur. Novosibirsk. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([151](#), [887](#), [6694](#))

Chrysosporium tropicum J.W. Carmichael 1962

F-2877 Øype <-- Rudakov O.L. INMI, VKM MF-572 <- ATCC, ATCC 14802. Received as: *Chrysosporium tropicum*. (ATCC 14802; CBS 171.62; CNCP 1525.84; IFO 7587; IHEM 4434; IMI 094288; JQMD 1087; MUCL 10068; QM 2449; RV 26304; UAMH 691). Ex: woollen overcoat. Guadalcanal Island. Solomon Islands. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([307](#), [887](#))

Chrysosporium tropicum J.W. Carmichael 1962

F-3805 <-- Aleksandrova A.V. DMA MSU. Received as: *Chrysosporium tropicum* J.W. Carmichael 1962. Ex: soil, chernozem. Field with crop rotation, agrocenosis. Krasnodar Territory, Korzhi. Russia. Risk group: no. (Medium

[11](#), 25°C, C-8, F-1, S-5). ([6766](#), [8258](#))

Chrysosporium undulatum P. Vidal et al.1999

F-1171 <-- INMI, VKM F-1171 <- VIZR. Received as: Sporotrichum polysporum. Other name: Sporotrichum polysporum Link; Trichoderma polysporum (Link 1816) Rifai 1969. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Chrysosporium undulatum P. Vidal et al.1999

F-2416 <-- IBPM, IBPM F-257 <- VIZR, 608. Received as: Sporotrichum polysporum. Other name: Sporotrichum polysporum Link 1816; Trichoderma polysporum (Link 1816) Rifai 1969. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([3534](#))

Circinella muscae (Sorokin 1870) Berlese et de Toni 1888

F-511 <-- INMI, VKM F-511 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4104. Received as: Circinella spinosa. Synonym: Circinella spinosa van Tieghem et G. Le Monnier 1873. (CCF 1568). Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1365](#))

Circinella muscae (Sorokin 1870) Berlese et de Toni 1888

F-512 <-- INMI, VKM F-512 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 7861. Received as: Circinella spinosa. Synonym Circinella spinosa van Tieghem et G. Le Monnier 1873. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([1365](#))

Circinella muscae (Sorokin 1870) Berlese et de Toni 1888

F-659 <-- INMI, VKM F-659 <- Eroshin V.K. IBPM, 181 <- DSB MSU, 181. Received as: Circinella simplex. Other name: Circinella simplex van Tieghem 1875. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([1365](#), [4028](#))

Circinella muscae (Sorokin 1870) Berlese et de Toni 1888

F-1801 <-- INMI, VKM F-1801 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4275. Received as: Mucor plasmaticus. Other name: Mucor plasmaticus van Tieghem 1875. (CBS 403.73). Ex: bog. Chernigov. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([1310](#), [2550](#))

Circinella muscae (Sorokin 1870) Berlese et de Toni 1888

F-1868 <-- INMI, VKM F-1868 <- Lysenko S.V. INMI. Received as: Circinella muscae. Ex: air. Kazakhstan. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5)

Circinella umbellata van Tieghem et G. Le Monnier 1873

F-1429 <-- INMI, VKM F-1429 <- CMI, IMI 54855. Received as: Circinella umbellata. (IMI 054855). Ex: rat dung. Australia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1365](#))

Cladobotryum dendroides (Bulliard 1791) W. Gams et Hoozemans 1970

F-2667 <-- Rudakov O.L. INMI, VKM MF-6. Received as: *Dactylium dendroides*.
Synonym: *Dactylium dendroides* (Bulliard 1791) Fries 1832. State: tm -
Hypomyces rosellus (Albertini et Schweinitz 1805) Tulasne et C. Tulasne
1860. (ATCC 36808 *Dactylium dendroides* VKM MF-6). Ex: fungus,
Arrhenia spathulata. Moscow Region. Russia. Risk group: no. (Medium [11](#),
25°C, C-1, D-4, F-1, S-5). ([1368](#))

Cladobotryum dendroides (Bulliard 1791) W. Gams et Hoozemans 1970

F-2668 <-- Rudakov O.L. INMI, VKM MF-8. Received as: *Dactylium dendroides*.
Synonym *Dactylium dendroides* (Bulliard 1791) Fries 1832. State: tm -
Hypomyces rosellus (Albertini et Schweinitz 1805) Tulasne et C. Tulasne
1860. (ATCC 38328 *Dactylium dendroides* VKM MF-8). Ex: fungus,
Clitocybe amara. Moscow Region. Russia. Risk group: no. (Medium [11](#),
25°C, C-1, F-1, S-5). ([1368](#), [3068](#))

Cladobotryum dendroides (Bulliard 1791) W. Gams et Hoozemans 1970

F-4019 <-- Aleksandrova A.V. DMA MSU, 7. Received as: *Cladobotryum*
dendroides. State: tm - *Hypomyces rosellus* (Albertini et Schweinitz 1805)
Tulasne et C. Tulasne 1860. Ex: fungus, *Armillaria mellea*, fruitbody. Aspen-
alder forest with spruce underwood, Volga River, right bank. Tver Region,
Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C,
C-8, F-1, S-5)

Cladobotryum multiseptatum de Hoog 1978

F-3424 <-- Nugaeva N.D. V.L. Komarov Botanical Institute RAS, Saint Petersburg,
Russia, 1. Received as: *Cladobotrium multiseptatum*. Ex: fungus, *Agaricus*
bisporus, carpofor. Substrate for cultivation of *Agaricus*, Production
association Leto. St.-Petersburg. Russia. Risk group: no. (Medium [11](#), 25°C,
C-8, F-1, S-5)

Cladobotryum varium Nees 1817

F-2742 <-- Rudakov O.L. INMI, VKM MF-151. Received as: *Cladobotryum varium*.
State: tm - *Hypomyces aurantius* (Persoon 1800) Tulasne 1860. (ATCC
36828 VKM MF- 151). Ex: fungus, *Lactarius scrobiculatus*. Georgia. Risk
group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#), [3068](#))

Cladobotryum varium Nees 1817

F-2778 <-- Rudakov O.L. INMI, VKM MF-274. Received as: *Cladobotryum varium*.
State: tm - *Hypomyces aurantius* (Persoon 1800) Tulasne 1860. (ATCC
36807 VKM MF- 274). Ex: fungus, *Lentinus strigosus*. Moscow Region.
Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1368](#))

Cladobotryum varium Nees 1817

F-3806 <-- Aleksandrova A.V. DMA MSU. Received as: *Cladobotryum varium*.
State: tm - *Hypomyces aurantius* (Persoon 1800) Tulasne 1860. Ex: *Sorex*
caecutiens, fur. Tver Region, Staritsy District, near Krutitsy. Russia. Risk
group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Cladophialophora chaetospora (Grove 1886) Crous et Arzanlou 2007

F-2160 <-- INMI, VKM F-2160 <- Milko A.A. IBIW, 4129. Received as: *Septonema sp.* Synonym: *Heteroconium chaetospora* (Grove 1886) M.B.Ellis 1976. Ex: *Betula sp.*, falling leaf. Pond. Yaroslavl Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5).

Cladosporium aecidiicola Thuemen 1876

F-2680 <-- Rudakov O.L. INMI, VKM MF-28. Received as: *Cladosporium aecidicola*. Ex: fungus, *Puccinia coronata* var. *avenae*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-5, C-7, F-1, S-5). ([1368](#))

Cladosporium allicinum (Fries 1817) Bensch et al. 2012

F-2810 <-- Rudakov O.L. INMI, VKM MF-405. Received as: *Cladosporium herbarum*. Other name: *Cladosporium herbarum* (Persoon 1794) Link 1816; *Cladosporium bruhnei* Linder 1947. (CBS 572.78). Ex: fungus, *Inonotus radiatus*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Cladosporium cladosporioides (Fresenius 1850) G.A. de Vries 1952

F-173 <-- INMI, VKM F-173 <- CBS, CBS 110.07. Received as: *Monilia humicola*. Synonym: *Monilia humicola* Oudemans 1902. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Cladosporium cladosporioides (Fresenius 1850) G.A. de Vries 1952

F-1697 <-- INMI, VKM F-1697 <- Levkina L.M. DMA MSU, 71d. Received as: *Cladosporium cladosporioides*. Ex: canvas. USA. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2029](#), [4117](#))

Cladosporium cladosporioides (Fresenius 1850) G.A. de Vries 1952

F-1698 <-- INMI, VKM F-1698 <- Levkina L.M. DMA MSU, 121. Received as: *Cladosporium cladosporioides*. Ex: tempera painting. Novgorod. Russia. Risk group: no. (Medium [13](#), 25°C, C-7, C-8, F-1, S-5)

Cladosporium cladosporioides (Fresenius 1850) G.A. de Vries 1952

F-1699 <-- INMI, VKM F-1699 <- Levkina L.M. DMA MSU, 41. Received as: *Cladosporium cladosporioides*. Ex: ceiling material. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([2029](#), [4117](#))

Cladosporium cladosporioides (Fresenius 1850) G.A. de Vries 1952

F-3947 <-- Sazykina M.A. Azov Scientific Research Institute of the Fishing Industry, Rostov-na-Donu, Russia, 13. Received as: *Cladosporium cladosporioides*. Ex: *Acipenser gueldenstaedti*, gills. Temryuksky sturgeon-breeding factory. Krasnodar Territory, Temryuk. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Cladosporium colocasiae Sawada 1916

F-767 <-- INMI, VKM F-767 <- Levkina L.M. DMA MSU <- CMI, IMI 96449. Received as: *Cladosporium colocasiae*. (IMI 96449). Ex: *Colocasia esculenta*, leaf. Dalaba. Guinea. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([6379](#), [8256](#))

Cladosporium cucumerinum Ellis et Arthur 1889

F-817 <-- INMI, VKM F-817 <- Levkina L.M. DMA MSU <- CMI, IMI 49628. Received as: *Cladosporium cucumerinum*. (ATCC 11279; CBS 158.51; IFO 6370; IMI 49628). Ex: *Cucumis sativus*. Baarn. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([7159](#), [7471](#), [7474](#))

Cladosporium gossypicola Pidoplichko et Deniak 1941

F-1902 <-- INMI, VKM F-1902 <- Vostrov I.S. INMI. Received as: *Cladosporium gossypicola*. Ex: fabric covered with waterproof enamel and stored at temperature +5-+15 C. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([7663](#), [8027](#), [8031](#))

Cladosporium halotolerans Zalar et al. 2007

F-2804 <-- Rudakov O.L. INMI, VKM MF-390. Received as: *Cladosporium sphaerospermum*. Other name: *Cladosporium sphaerospermum* Penzig 1882. (CBS 573.78). Ex: fungus, *Aureobasidium caulivorum*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([6379](#), [8256](#))

Cladosporium herbarum (Persoon 1794) Link 1816

F-235 <-- INMI, VKM F-235 <- VIZR, 686. Received as: *Cladosporium fasciculatum*. Synonym: *Cladosporium fasciculatum* Corda 1837. Ex: *Scirpus sp.* USSR. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([6379](#), [8256](#))

Cladosporium herbarum (Persoon 1794) Link 1816

F-327 <-- INMI, VKM F-327 <- VIZR, 93. Received as: *Cladosporium epiphyllum*. Synonym *Cladosporium epiphyllum* (Persoon 1801) Nees 1817. Ex: *Quercus sp.*, acorn. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-474 <-- INMI, VKM F-474 <- Beliyakova L.A. Russian State Library, 292. Received as: *Cladosporium herbarum*. Ex: paper envelope glued by a fabric. Russian State Library. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-988 <-- INMI, VKM F-988 <- VIZR, 97. Received as: *Cladosporium graminum*. Synonym *Cladosporium graminum* Corda 1824. Ex: *Quercus sp.*, acorn. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-1685 <-- INMI, VKM F-1685 <- Levkina L.M. DMA MSU, 1. Received as: *Cladosporium herbarum*. Ex: *Triticum sp.*, spike. China. Risk group: no. (Medium [13](#), 25°C, C-7, C-8, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-1686 <-- INMI, VKM F-1686 <- Levkina L.M. DMA MSU. Received as: *Cladosporium herbarum*. Ex: polyvinylchloride fabric. USA. Risk group: no. (Medium [14](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-1687 <-- INMI, VKM F-1687 <- Levkina L.M. DMA MSU, 17e. Received as: *Cladosporium herbarum*. Ex: tarpaulin. USA. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([1812](#))

Cladosporium herbarum (Persoon 1794) Link 1816

F-1688 <-- INMI, VKM F-1688 <- Levkina L.M. DMA MSU, 5. Received as: *Cladosporium herbarum*. Ex: *Musa* **sp.**, fruit. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-1689 <-- INMI, VKM F-1689 <- Levkina L.M. DMA MSU, 1075. Received as: *Cladosporium herbarum*. Ex: *Spinacia* **sp.**, leaf. Risk group: no. (Medium [11](#), 25°C, C-7, C-8, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-1691 <-- INMI, VKM F-1691 <- Levkina L.M. DMA MSU <- NRRL, NRRL 1670. Received as: *Cladosporium herbarum*. (NRRL 1670). Ex: *Oryza sativa*, seeds. USA. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-1692 <-- INMI, VKM F-1692 <- Levkina L.M. DMA MSU, 214. Received as: *Cladosporium herbarum*. Ex: pine rhizosphere, *Pinus* **sp.** Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([6379](#))

Cladosporium herbarum (Persoon 1794) Link 1816

F-1693 <-- INMI, VKM F-1693 <- Levkina L.M. DMA MSU, 29. Received as: *Cladosporium herbarum*. Ex: rodent burrow. Risk group: no. (Medium [13](#), 25°C, C-7, C-8, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-2290 <-- IBPM, IBPM F-303 <- VIZR, 93. Received as: *Cladosporium epiphyllum*. Synonym *Cladosporium epiphyllum* (Persoon 1801) Nees 1817. Ex: *Quercus* **sp.**, acorn. Risk group: no. (Medium [11](#), 25°C, C-7, C-8, F-1, S-5). ([6379](#))

Cladosporium herbarum (Persoon 1794) Link 1816

F-2292 <-- IBPM, IBPM F-304 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 45. Received as: *Cladosporium herbarum*. Ex: oil painting. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Cladosporium herbarum (Persoon 1794) Link 1816

F-2697 <-- Rudakov O.L. INMI, VKM MF-56. Received as: *Cladosporium herbarum*. Ex: fungus, *Blumeria graminis*. Kyrgyzstan. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#))

Cladosporium herbarum (Persoon 1794) Link 1816

F-4541 <-- VKM IBPM, VKM FW-3184. Received as: *Cladosporium herbarum*. Ex: permafrost, hole A5/08, depth 1,15-1,20 m. Bunge Oasis, Wilkes Land,

Mount Chernaya area, Antarctica. DNA sequences: JN835202. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Cladosporium lycoperdinum Cooke 1883

F-2803 <-- Rudakov O.L. INMI, VKM MF-201. Received as: *Cladosporium cladosporioides*. (CBS 574.78C). Ex: fungus, *Aureobasidium caulivorum*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium macrocarpum Preuss 1848

F-766 <-- INMI, VKM F-766 <- DMA MSU <- CMI, IMI 49634. Received as: *Cladosporium macrocarpum*. (ATCC 11286; CBS 181.54; IMI 49634; MUCL 10095). Ex: fungus, *Cantharellus cibarius*, basidioma. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium macrocarpum Preuss 1848

F-1670 <-- INMI, VKM F-1670 <- Levkina L.M. DMA MSU. Received as: *Cladosporium macrocarpum*. Ex: soil. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium macrocarpum Preuss 1848

F-2520 <-- Milko A.A. IBIW, 3377. Received as: *Cladosporium macrocarpum*. Ex: *Typha latifolia*, decaying leaf. Uglich Reservoir. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium macrocarpum Preuss 1848

F-3836 <-- Aleksandrova A.V. DMA MSU, Dm7. Received as: *Cladosporium macrocarpum*. Ex: *Sorex caecutiens*, fur. Complexed spruce forest, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Cladosporium oxysporum Berkeley et M.A. Curtis 1869

F-4319 <-- Aleksandrova A.V. DMA MSU, S 313. Received as: *Cladosporium oxysporum*. Ex: dark margalite-ferralite soil on weathered basalt. Lowland mosoon semi-deciduous plydominant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Cladosporium pseudocladosporioides Bensch et al. 2010

F-2759 <-- Rudakov O.L. INMI, VKM MF-200. Received as: *Cladosporium cladosporioides*. (CBS 574.78B). Ex: fungus, *Melampsorium betulinum*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([7159](#), [7471](#), [7474](#))

Cladosporium sphaerospermum Penzig 1882

F-769 <-- INMI, VKM F-769 <- DMA MSU <- CMI, IMI 49639. Received as: *Cladosporium sphaerospermum*. (ATCC 11291; CBS 147.33; IMI 49639). Ex: *Nicotiana tabacum*, decomposed leaf. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Cladosporium sphaerospermum Penzig 1882

- F-772 <-- INMI, VKM F-772 <- DMA MSU <- CMI, IMI 49640. Received as: *Cladosporium sphaerospermum*. (ATCC 11292; CBS 122.47; IFO 6377; IMI 49640). Ex: *Begonia* sp., rootstock. Aalsmeer. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([7476](#))
- Cladosporium sphaerospermum* Penzig 1882**
- F-1694 <-- INMI, VKM F-1694 <- Levkina L.M. DMA MSU, K-26. Received as: *Cladosporium sphaerospermum*. Ex: semismoked sausage. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)
- Cladosporium sphaerospermum* Penzig 1882**
- F-1695 <-- INMI, VKM F-1695 <- Levkina L.M. DMA MSU, 11. Received as: *Cladosporium sphaerospermum*. Ex: Citrus limon, fruit. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)
- Cladosporium sphaerospermum* Penzig 1882**
- F-1696 <-- INMI, VKM F-1696 <- Levkina L.M. DMA MSU, 8050. Received as: *Cladosporium sphaerospermum*. Ex: sea object. USA. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)
- Cladosporium sphaerospermum* Penzig 1882**
- F-3835 <-- Aleksandrova A.V. DMA MSU, Dm5. Received as: *Cladosporium sphaerospermum*. Ex: *Sorex araneus*, fur. Aspen-alder forest with spruce, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)
- Clathrus archeri* (Berkeley 1859) Dring 1980**
- F-3237 <-- Semashko A.Yu. A.N. Severtsov Institute of Ecology and Evolution, Moscow, Russia. Received as: *Anthurus archeri* (Berkeley 1859) E. Fisch. 1886. Synonym: *Anthurus archeri* (Berkeley 1859) E. Fisch. 1886. Ex: fruitbody. Bohemia. Czech Republic. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).
- Clavariadelphus pistillaris* (Linnaeus 1753) Donk 1933**
- F-3416 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia. Received as: *Clavariadelphus pistillaris* (Linnaeus 1753) Donk 1933. Ex: soil. Oak planting, coast of Japan Sea, Lazovsky State Nature Reserve. Primorsky Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-8, C-11, S-4, S-5).
- Claviceps paspali* F. Stevens et J.G. Hall 1910**
- F-2602 <-- IBPM, IBPM F-391 <- K 610-5. Received as: *Claviceps paspali*. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4).
- Claviceps paspali* F. Stevens et J.G. Hall 1910**
- F-2604 <-- IBPM, IBPM F-393 <- K 706. Received as: *Claviceps paspali*. Risk group: no. (Medium [11](#), 25°C, S-4)
- Claviceps purpurea* (Fries 1823) Tulasne 1853**
- F-114 <-- INMI, VKM F-114 <- Krassilnikov N.A. INMI. Received as: *Claviceps*

purpurea. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Claviceps purpurea (Fries 1823) Tulasne 1853

F-3035 <-- Fonin V.S. All-Russian Research Institute Of Medicinal and Aromatic Plants of Russian Academy of Agricultural Sciences, Moscow, Russia, KC <- Hungary Institute. Received as: *Claviceps purpurea*. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5)

Claviceps purpurea (Fries 1823) Tulasne 1853

F-3036 <-- Fonin V.S. All-Russian Research Institute Of Medicinal and Aromatic Plants of Russian Academy of Agricultural Sciences, Moscow, Russia, BK-4 <- Hungary Institute. Received as: *Claviceps purpurea*. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5)

Clitocybe odora (Bulliard 1784) P. Kummer 1871

F-3681 <-- Eremina S.S. VKM IBPM <- Yashina S.G., Shabaeva E.V. Institute of Cell Biophysics RAS, Pushchino, Moscow Region, Russia, G-25. Received as: *Clitocybe odora* (Bulliard 1784) P. Kummer 1871. Ex: fruitbody. Mixed forest, Prioksko-Terrasny Nature Biosphere Reserve named after Mikhail Zablotsky. Moscow Region, Serpukhov District. Russia. Risk group: no. (Medium [9](#), 26°C, C-11, S-4, S-5).

Clonostachys candelabrum (Bonorden 1851) Schroers 2001

F-3819 <-- Aleksandrova A.V. DMA MSU. Received as: *Sesquicillium candelabrum*. Synonym: *Sesquicillium candelabrum* (Bonorden 1851) W. Gams 1968. Ex: soddy-podzolic soil, A1 horizon. Complexed fir-grove with birch and alder, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *catenulata* (J.C. Gilman et E.V. Abbott 1927) Schroers 2001

F-853 <-- INMI, VKM F-853 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 756-364. Received as: *Gliocladium varians*. Synonym: *Gliocladium varians* Pidoplichko 1931, *Gliocladium cantenulatum* J.C.Gilman et E.V.Abbott 1927. (CBS 125.72). Ex: peat. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([1812](#))

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *catenulata* (J.C. Gilman et E.V. Abbott 1927) Schroers 2001

F-1095 <-- INMI, VKM F-1095 <- Milko A.A., 51341. Received as: *Gliocladium varians*. Synonym *Gliocladium varians* Pidoplichko 1931, *Gliocladium cantenulatum* J.C.Gilman et E.V.Abbott 1927. (CBS 126.72). Ex: soil. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *catenulata* (J.C. Gilman et E.V. Abbott 1927) Schroers 2001

F-1649 <-- INMI, VKM F-1649 <- Milko A.A., 3893. Received as: *Gliocladium varians*. Synonym *Gliocladium varians* Pidoplichko 1931, *Gliocladium*

catenulatum J.C.Gilman et E.V.Abbott 1927. (CBS 127.72). Ex: soil. Coniferous-birch forest, bog. Rovno Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *catenulata* (J.C. Gilman et E.V. Abbott 1927) Schroers 2001

F-3952 <-- Legonkova O.A. DMA MSU, 2B. Received as: *Clonostachys rosea* var. *catenulata*. Ex: polyamide-6,6,10, placed in agrochanged soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *catenulata* (J.C. Gilman et E.V. Abbott 1927) Schroers 2001

F-3955 <-- Legonkova O.A. DMA MSU, 5A. Received as: *Clonostachys rosea* var. *catenulata*. Ex: ethylene-vinil-acetate placed in agrogenic changed soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-153 <-- INMI, VKM F-153 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 109. Received as: *Gliocladium roseum*. (CBS 224.72F). Ex: *Quercus* **sp.**, acorn. Kharkov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1644 <-- INMI, VKM F-1644 <- Milko A.A., 1954. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 149.72 as *Gliocladium roseum* Bainier). Ex: soil. Pine-beech forest. Zakarpattya Region, near Ust-Chorna. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1645 <-- INMI, VKM F-1645 <- Milko A.A., 1395. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 148.72 as *Gliocladium roseum* Bainier). Ex: soil. Young beech planting. Zakarpattya Region, Svaliava. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1672 <-- INMI, VKM F-1672 <- Milko A.A., 57. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 907.72A as *Gliocladium roseum* Bainier). Ex: soil. Nikitsky Botanical Garden. Republic of Crimea, Yalta. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1673 <-- INMI, VKM F-1673 <- Milko A.A., 648. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 907.72B as *Gliocladium roseum* Bainier). Ex: forest soil. Ay-Petri Mountain

(mountain slope to Bakhtchisaray). Republic of Crimea. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1675 <-- INMI, VKM F-1675 <- Milko A.A., 2303. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 907.72D as *Gliocladium roseum* Bainier). Ex: soil. Goris. Armenia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1678 <-- INMI, VKM F-1678 <- Milko A.A., 2329. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 907.72G as *Gliocladium roseum* Bainier). Ex: soil under tree. near Mingechaur. Azerbaijan. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1680 <-- INMI, VKM F-1680 <- Milko A.A., 3182. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 907.72I as *Gliocladium roseum* Bainier). Ex: forest soil. Ivano-Frankovsk Region, near Kolomyja. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1682 <-- INMI, VKM F-1682 <- Milko A.A., 3894. Received as: *Gliocladium verticilloides*. Synonym *Gliocladium verticilloides* Pidoplichko 1930. (CBS 907.72J as *Gliocladium roseum* Bainier). Ex: soil. Coniferous-birch forest. Rovno Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-1709 <-- INMI, VKM F-1709 <- Botanical Garden-Institute FEB RAS, near Vladivostok, Russia, 4. Received as: *Gliocladium roseum*. Synonym *Gliocladium roseum* Bainier 1907. Ex: *Glycine hispida*, root. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys rosea (Link 1816) Schroers et al. 1999 f. *rosea*

F-2700 <-- Rudakov O.L. INMI, VKM MF-68a. Received as: *Gliocladium roseum*. Synonym *Gliocladium roseum* Bainier 1907. Ex: fungus, *Alternaria* sp. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1368](#))

Clonostachys solani (Harting 1846) Schroers et W. Gams 2001

F-3964 <-- Legonkova O.A. DMA MSU, 9A. Received as: *Clonostachys solani*. Ex: polyamide-6,6,10, placed in agrochanged soddy-podzolic middle loam soil. Tula Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Clonostachys solani (Harting 1846) Schroers et W. Gams 2001 f. *nigrovirens* (J.F.H. Beyma

1931) Schroers 2001

F-1096 <-- INMI, VKM F-1096 <- Milko A.A., 137-10. Received as: *Gliocladium sp.* Synonym *Gliocladium nigrovirens* J.F.H.Beyma 1931. (CBS 223.72C). Ex: water. Sevastopol. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Clonostachys solani (Harting 1846) Schroers et W. Gams 2001 f. *nigrovirens* (J.F.H. Beyma 1931) Schroers 2001

F-3258 Òype <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- CBS, CBS 183.30. Received as: *Gliocladium nigrovirens*. Synonym *Gliocladium nigrovirens* J.F.H.Beyma 1931. (CBS 183.30). Ex: garden soil. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Coemansia aciculifera Linder 1943

F-1103 <-- INMI, VKM F-1103 <- CBS. Received as: *Coemansia aciculifera*. Risk group: no. (Medium [11](#), 25°C, S-4, S-5). ([1365](#))

Cokeromyces recurvatus Poitras 1950

F-1101 Òype <-- INMI, VKM F-1101 <- CBS, CBS 158.50. Received as: *Cokeromyces recurvatus*. (CBS 158.50). Ex: rabbit dung. Illinois, Urbana. USA. Risk group: 4. (Medium [9](#), 25°C, C-5, C-7, D-4, F-1). ([860](#), [1365](#))

Cokeromyces recurvatus Poitras 1950

F-1615 <-- INMI, VKM F-1615 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 7345. Received as: *Cokeromyces recurvatus*. Ex: fox dung. Donetsk Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, F-1). ([1365](#))

Cokeromyces recurvatus Poitras 1950

F-1723 <-- INMI, VKM F-1723 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 5. Received as: *Cokeromyces recurvatus*. Ex: gopher dung. Volgograd Region. Russia. Risk group: 4. (Medium [9](#), 25°C, C-5, C-7, F-1, S-4, S-5). ([1365](#))

Collettoconis aecidiophila (Spegazzini 1886) de Hoog et al. 1978

F-2884 <-- Rudakov O.L. INMI, VKM MF-582 <- ATCC, ATCC 18400. Received as: *Gloeosporium aecidiophilum*. Synonym: *Gloeosporium aecidiophilum* Spegazzini 1886. (ATCC 18400; CBS 273.67). Ex: fungus, *Puccinia hyptidis* on *Hyptis capitata*. India. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#))

Colletotrichum coccodes (Wallroth 1833) S. Hughes 1958

F-3612 <-- Surkova T.A. All-Russian Williams Fodder Research Institute, Moscow Region, Russia, JS 161-1 C8. Received as: *Colletotrichum atramentarium*. Synonym: *Colletotrichum atramentarium* (Berkeley et Broome 1850) Taubenhaus 1916. Ex: *Solanum tuberosum*, tuber. K.A. Timiryazev Moscow Agricultural Academy territory. Moscow. Russia. Risk group: no. (Medium

[11](#), 25°C, C-8, F-1, S-5). ([5134](#))

Colletotrichum coccodes (Wallroth 1833) S. Hughes 1958

F-3613 <-- Surkova T.A. All-Russian Williams Fodder Research Institute, Moscow Region, Russia, JS 171-5 R8. Received as: *Colletotrichum atramentarium*. Synonym *Colletotrichum atramentarium* (Berkeley et Broome 1850) Taubenhaus 1916. Ex: *Solanum tuberosum*, tuber. Shop. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Colletotrichum coccodes (Wallroth 1833) S. Hughes 1958

F-3614 <-- Surkova T.A. All-Russian Williams Fodder Research Institute, Moscow Region, Russia, JS 167-8 R10. Received as: *Colletotrichum atramentarium*. Synonym *Colletotrichum atramentarium* (Berkeley et Broome 1850) Taubenhaus 1916. Ex: *Solanum tuberosum*, tuber. Shop. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Colletotrichum coccodes (Wallroth 1833) S. Hughes 1958

F-4298 <-- Gannibal F.B. VIZR, 128-011. Ex: *Solanum tuberosum*, leaf. N.I. Vavilov Research Institute of Plant Industry, Pushkin branch. Leningrad Region, Pushkin. Russia. Risk group: no. (Medium [14](#), 25°C, C-8, F-1, S-5)

Colletotrichum dematium (Persoon 1801) Grove 1918

F-4334 <-- Aleksandrova A.V. DMA MSU, TCL8. Received as: *Colletotrichum dematium*. Ex: litter, bottom layer. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Colletotrichum gloeosporioides (Penzig 1882) Penzig et Saccardo 1884

F-700 <-- INMI, VKM F-700 <- VIZR, 313. Received as: *Colletotrichum gloeosporioides*. Ex: *Citrus unshiu*. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, F-1, S-5). ([5193](#))

Colletotrichum gloeosporioides (Penzig 1882) Penzig et Saccardo 1884

F-1185 <-- INMI, VKM F-1185 <- EAN, EAN 92(288). Received as: *Gloeosporium olivarum*. Synonym *Gloeosporium olivarum* J.V.Almeida 1899. Ex: *Olea europaea*. Portugal. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, F-1, S-5). ([5134](#))

Colletotrichum musae (Berkeley et M.A. Curtis 1874) Arx 1957

F-1184 <-- INMI, VKM F-1184 <- EAN, EAN 90(289). Received as: *Gloeosporium musarum*. Synonym: *Gloeosporium musarum* Cooke et Massee 1887. Ex: *Musa sp.*, fruit. Portugal. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([5134](#))

Colpoma quercinum (Persoon 1796) Wallroth 1823

F-2175 <-- Saint Petersburg state university, Saint Petersburg, Russia. Received as: *Clithris quercina*. Synonym: *Clithris quercina* (Persoon 1796) Rehm 1870. Risk group: no. (Medium [14](#), 30°C, D-4, F-1, S-5).

Conidiobolus coronatus (Costantin 1897) Batko 1964

F-1710 <-- INMI, VKM F-1710 <- Evlakhova A.A. VIZR. Received as: Entomophthora coronata. Synonym: Entomophthora coronata (Costantin 1897) Kevorkian 1937; Delacroixia coronata (Costantin 1897) Saccardo et P. Sydow 1899. Ex: Acyrthosiphon pisum. Samara Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, C-7, S-4, S-5). ([423](#), [1567](#), [1648](#))

Conidiobolus coronatus (Costantin 1897) Batko 1964

F-2003 <-- INMI, VKM F-2003 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2346. Received as: Conidiobolus **sp.** Synonym Entomophthora coronata (Costantin 1897) Kevorkian 1937; Delacroixia coronata (Costantin 1897) Saccardo et P. Sydow 1899. Ex: water. Volga River. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([401](#))

Conidiobolus thromboides Drechsler 1953

F-1929 <-- INMI, VKM F-1929 <- Institute of Biology, University of Latvia, Salaspils, Latvia. Received as: Entomophthora virulenta. Synonym: Entomophthora virulenta I.M. Hall et P.H. Dunn 1957. Risk group: 4. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5)

Conidiobolus thromboides Drechsler 1953

F-2529 Òype <-- ATCC, ATCC 12587. Received as: Conidiobolus thromboides. (ATCC 12587; CBS 159.56). Ex: mouldy leaves. New Hampshire. USA. Risk group: 4. (Medium [9](#), 25°C, C-12, S-4, S-5). ([2200](#), [2198](#), [2199](#), [2736](#), [5604](#))

Coniochaeta sp.

F-4750 <-- VKM IBPM, VKM FW-3260. Received as: Coniochaeta **sp.** Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF120202. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Coniochaeta verticillata (van Emden 1973) Dania Garcia et al. 2006

F-1859 Òype <-- INMI, VKM F-1859 <- CBS, CBS 816.71. Received as: Ephemeroascus verticillatus. Synonym: Ephemeroascus verticillatus van Emden 1973. (ATCC 26834; CBS 816.71). Ex: agricultural soil. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-5, D-4, F-1, S-5)

Coniophora puteana (Schumacher 1803) P. Karsten 1868

F-431 <-- INMI, VKM F-431 <- V.A. Kucherenko Central Research Institute of Building Constructions, Moscow, Russia. Received as: Coniophora cerebella (Persoon 1801) Persoon 1822. Synonym: Coniophora cerebella (Persoon 1801) Persoon 1822. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Coniophora puteana (Schumacher 1803) P. Karsten 1868

F-436 <-- INMI, VKM F-436 <- DMA MSU. Received as: Coniophora cerebella (Persoon 1801) Persoon 1822. Synonym Coniophora cerebella (Persoon 1801) Persoon 1822. Risk group: no. (Medium [9](#), 25°C, C-5, C-12, S-4, S-5). ([4032](#))

Coniophora puteana (Schumacher 1803) P. Karsten 1868

F-1803 <-- INMI, VKM F-1803 <- Mazur F.A. V.A. Kucherenko Central Research Institute of Building Constructions, Moscow, Russia. Received as: *Coniophora cerebella* (Persoon 1801) Persoon 1822. Synonym *Coniophora cerebella* (Persoon 1801) Persoon 1822. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Coniophora puteana (Schumacher 1803) P. Karsten 1868

F-2296 <-- IBPM, IBPM F-84 <- DMA MSU. Received as: *Coniophora cerebella* (Persoon 1801) Persoon 1822. Synonym *Coniophora cerebella* (Persoon 1801) Persoon 1822. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Coniothyrium concentricum (Desmazieres 1840) Saccardo 1878

F-2912 <-- Makhortov V.V. Botanical Garden of the Academy of Sciences of Moldova, Kishinev, Moldova, B-1. Received as: *Coniothyrium concentricum*. (CBS 350.87). Ex: *Yucca sp.*, leaf. Botanical Garden of Moldova Academy of Sciences. Chisinau. Republic of Moldova. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Coniothyrium hellebori Cooke et Masee 1886

F-3002 <-- CBS, CBS 169.58 <- Kansas State College, Manhattan, USA. Received as: *Coniothyrium hellebori*. (CBS 169.58). Ex: *Helleborus sp.* New York. USA. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([4117](#))

Coniothyrium rosarum Cooke et Harkness 1882

F-2661 <-- CBS, CBS 150.32. Received as: *Coniothyrium rosarum*. (CBS 150.32). Ex: *Rosa canina*. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Coniothyrium rosarum Cooke et Harkness 1882

F-2914 <-- Makhortov V.V. Botanical Garden of the Academy of Sciences of Moldova, Kishinev, Moldova, G-1. Received as: *Coniothyrium rosarum*. Ex: *Rosa sp.*, affected shoot. State Farm Krasnaya Gvozdika. Glodeni District, Danu. Republic of Moldova. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([966](#))

Coniothyrium wernsdorffiae Laubert 1905

F-2915 <-- Makhortov V.V. Botanical Garden of the Academy of Sciences of Moldova, Kishinev, Moldova, D-5. Received as: *Coniothyrium wernsdorffiae*. (CBS 125245). Ex: *Rosa sp.*, affected shoot. Dondushani District, Dondushani. Republic of Moldova. Risk group: no. (Medium [13](#), 20°C, C-1, F-1, S-5). ([966](#))

Coprinellus disseminatus (Persoon 1801) J.E. Lange 1938

F-2942 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0737. Received as: *Coprinus disseminatus* (Persoon 1801) Gray 1821. Synonym: *Coprinus disseminatus* (Persoon 1801) Gray 1821. (LEBIN 0737). Ex: fruitbody. Botanical Garden of Komarov Botanical Institute RAS. St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Coprinellus ephemerus (Bulliard 1786) Redhead et al 2001

F-2944 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0778 <- Hubsh P. Institute for Systematic Botany with Herbarium Haussknecht and Botanical Gardens, Friedrich Schiller University Jena, Jena, Germany, MWC 143-1. Received as: *Coprinus ephemerus* (Bulliard 1786) Fries 1838. Synonym: *Coprinus ephemerus* (Bulliard 1786) Fries 1838. (LEBIN 0778). Czechoslovakia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Coprinellus micaceus (Bulliard 1785) Vilgalys et al. 2001

F-2945 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0368. Received as: *Coprinus micaceus* (Bulliard 1785) Fries 1838. Synonym: *Coprinus micaceus* (Bulliard 1785) Fries 1838. (LEBIN 0368). Ex: fruitbody. St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([6605](#))

Coprinellus micaceus (Bulliard 1785) Vilgalys et al. 2001

F-2946 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0375 <- Kiev, Ukraine. Received as: *Coprinus micaceus* (Bulliard 1785) Fries 1838. Synonym *Coprinus micaceus* (Bulliard 1785) Fries 1838. (LEBIN 0375). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([6605](#))

Coprinellus radians (Desmazieres 1828) Vilgalys et al. 2001

F-2947 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0376 <- Zarudnaya G.I., VIZR. Received as: *Coprinus radians* (Desmazieres 1828) Fries 1838. Synonym: *Coprinus radians* (Desmazieres 1828) Fries 1838. (LEBIN 0376). Ex: fruitbody. Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Coprinopsis atramentaria (Bulliard 1783) Redhead et al. 2001

F-2938 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0725. Received as: *Coprinus atramentarius* (Bulliard 1783) Fries 1838. Synonym: *Coprinus atramentarius* (Bulliard 1783) Fries 1838. (LEBIN 0725). Ex: fruitbody. Territory of Botanical Garden of Komarov Botanical Institute RAS. St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Coprinopsis gonophylla (Quelet 1884) Redhead et al. 2001

F-3524 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0374. Received as: *Coprinus gonophyllus* Quelet 1884. Synonym: *Coprinus gonophyllus* Quelet 1884. (LEBIN 0374). Ex: fruitbody. Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Coprinopsis kimurae (Hongo et Aoki 1966) Redhead et al. 2001

F-4071 <-- Ivanushkina N.E. VKM IBPM, 1. Received as: *Coprinus kimurae* Hongo et Aoki 1966. Synonym: *Coprinus kimurae* Hongo et Aoki 1966. Ex: wall, surface. Office room. Moscow. Russia. Risk group: no. (Medium [9](#), 25°C, C-11)

Coprinus comatus (O.F. Mueller 1780) Persoon 1797

F-2940 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0369 <- M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-137. Received as: *Coprinus comatus* (O.F. Mueller 1780) Persoon 1797. (LEBIN 0369). Ex: fruitbody. St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([6766](#), [8258](#))

Coprinus sterquilinus (Fries 1821) Fries 1838

F-2948 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0378 <- Zarudnaya G.I., VIZR. Received as: *Coprinus sterquilinus* (Fries 1821) Fries 1838. (LEBIN 0378). Ex: fruitbody. Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Coprinus sterquilinus (Fries 1821) Fries 1838

F-2949 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0565 <- Semerdzhieva M. CCBAS, CCBAS-359. Received as: *Coprinus sterquilinus* (Fries 1821) Fries 1838. (LEBIN 0565). Ex: fruitbody, cap. Bohemia. Czech Republic. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Corioloopsis trogii (Berkeley 1850) Domanski 1974

F-126 <-- INMI, VKM F-126 <- Radopolo A.K. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Funalia trogii* (Berkeley 1850) Bondartsev et Singer 1941. Synonym: *Funalia trogii* (Berkeley 1850) Bondartsev et Singer 1941, *Trametes trogii* Berkeley 1850. Ex: fruitbody. Ryazan Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Corioloopsis trogii (Berkeley 1850) Domanski 1974

F-3207 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 74. Received as: *Funalia trogii* (Berkeley 1850) Bondartsev et Singer 1941. Synonym *Funalia trogii* (Berkeley 1850) Bondartsev et Singer 1941, *Trametes trogii* Berkeley 1850. Ex: fruitbody on *Populus tremula*. Sverdlovsk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Cortinarius bulbosus (Sowerby 1799) Gray 1821

F-3532 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0379. Received as: *Cortinarius bulbosus* Gray 1821. (LEBIN 0379). Ex: fruitbody. Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Cortinarius caperatus (Persoon 1796) Fries 1838

F-3121 <-- Boiko T.A. Perm State University of Humanities and Education, Perm, Russia, 21-87. Received as: *Rozites caperata* (Persoon 1796) P. Karsten 1879. Synonym: *Rozites caperatus* (Persoon 1796) P. Karsten 1879. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Corynascella inaequalis (Pidoplichko et al. 1973) Arx 1975

F-1922 Type <-- INMI, VKM F-1922 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 55042. Received as: *Thielavia inaequallis*. Synonym: *Thielavia inaequalis* Pidoplichko et al. 1973 Type strain. (CBS 331.75; IMI 196527). Ex: soil. Oak planting. Poltava Region, Lubny. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-5, D-4, F-1, S-5).

Corynascus sepedonium (C.W. Emmons 1932) Arx 1973

F-1142 <-- INMI, VKM F-1142 <- Kamyschko O.P. VIZR, 2478/2. Received as: *Thielavia lutescens*. Synonym: *Thielavia lutescens* Kamyschko 1965 Type strain. (CBS 632.67). USSR. Risk group: no. (Medium [13](#), 25°C, C-8, D-4, F-1, S-5).

Cosmospora arxii (W. Gams 1971) Graefenhan et Schroers 2011

F-2846 Type <-- Rudakov O.L. INMI, VKM MF-522 <- CBS, CBS 748.69. Received as: *Acremonium arxii*. Synonym: *Acremonium arxii* W. Gams 1971 Type strain. (CBS 748.69). Ex: fungus, Hypoxylon **sp.** Germany. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1355](#))

Cosmospora berkeleyana (P. Karsten 1891) Graefenhan et al. 2011

F-2848 <-- Rudakov O.L. INMI, VKM MF-525 <- CBS, CBS 233.70. Received as: *Acremonium butyri*. Synonym: *Acremonium berkeleyanum* (P. Karsten 1891) W. Gams 1982, *Acremonium butyri* (J.F.H.Beyma 1938) W. Gams 1971. State: tm - *Nectria viridescens* C. Booth 1959. (CBS 233.70 *Acremonium berkeleyanum*). Ex: fungus, Bulgaria inquinans. Kiel. Germany. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Cosmospora berkeleyana (P. Karsten 1891) Graefenhan et al. 2011

F-3801 <-- Aleksandrova A.V. DMA MSU. Received as: *Acremonium berkeleyanum*. Synonym *Acremonium berkeleyanum* (P. Karsten 1891) W. Gams 1982. Ex: *Clethrionomys glareolus*, fur. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Cosmospora berkeleyana (P. Karsten 1891) Graefenhan et al. 2011

F-3997 <-- Aleksandrova A.V. DMA MSU, 16. Received as: *Acremonium berkeleyanum*. Synonym *Acremonium berkeleyanum* (P. Karsten 1891) W. Gams 1982. Ex: soddy-podzolic light loam soil, A1 horizon (5-7 cm). Forb meadow, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Cosmospora berkeleyana (P. Karsten 1891) Graefenhan et al. 2011

F-4760 <-- VKM IBPM, VKM FW-3298. Received as: *Cosmospora berkeleyana*. Ex: soil from a constantly used tracked vehicle road rut near a diesel power station, Bellingshausen Station, soil pit LA57-B1-04 (1) (road), depth 0–0,05 m. King George Island, Antarctica. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Cosmospora lavitskiae (P. Karsten 1891) Graefenhan et al. 2011

F-1324 <-- INMI, VKM F-1324 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: Gliomastix lavitskiae. Synonym: Gliomastix lavitskiae Zhdanova 1966 Type strain,. State: tm - Nectria viridescens C. Booth 1959. Other name: Acremonium berkeleyanum (P. Karsten 1891) W. Gams 1982; Acremonium butyri (J.F.H.Beyma 1938) W.Gams 1971. (ATCC 18666; CBS 530.68; IAM 14643; IMI 133984). Ex: Carpinus **sp.**, brushwood. Poltava Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([80](#), [1355](#), [7352](#))

Crivellia papaveracea (De Notaris 1863) Shoemaker et Inderbitzin 2006

F-4304 <-- Gannibal Ph.B. VIZR, 463-020. Received as: Brachycladium papaveris. Synonym: Brachycladium papaveris (Sawada 1917) Shoemaker et Inderbitzin 2006. Ex: Papaver somniferum, seeds. Republic of Dagestan. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Crivellia papaveracea (De Notaris 1863) Shoemaker et Inderbitzin 2006

F-4305 <-- Gannibal Ph.B. VIZR, 463-030. Received as: Brachycladium papaveris. Synonym Brachycladium papaveris (Sawada 1917) Shoemaker et Inderbitzin 2006. Ex: Papaver somniferum, seeds. Republic of Dagestan. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Cryphonectria parasitica (Murrill 1906) M.E. Barr 1978

F-123 <-- INMI, VKM F-123 <- CMI, IMI 59815. Received as: Endothia parasitica. Synonym: Endothia parasitica (Murrill 1906) P.J.Anderson et H.W.Anderson 1912. (CBS 114.13; IMI 59815; LSHB BB.213; UC 4521). Ex: Castanea **sp.** Risk group: no. (Medium [7](#), 25°C, C-1, F-1, S-5). ([5721](#))

Cryphonectria parasitica (Murrill 1906) M.E. Barr 1978

F-3897 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-4. Received as: Endothiella st. of Cryphonectria parasitica. Ex: Castanea saliva, bark. Zonguldak Province. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#), [5721](#), [6379](#))

Cryphonectria parasitica (Murrill 1906) M.E. Barr 1978

F-3901 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-14. Received as: Endothiella st. of Cryphonectria parasitica. Ex: Castanea saliva, branch swelling. Zonguldak Province, Kozcagiz. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#), [5721](#))

Cryphonectria parasitica (Murrill 1906) M.E. Barr 1978

F-3904 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-23. Received as: Endothiella st. of Cryphonectria parasitica. Ex: Castanea saliva, branch swelling. Bartin Province, Amasra. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#), [5721](#))

Cryphonectria parasitica (Murrill 1906) M.E. Barr 1978

F-4342 <-- Belov A.A.Moscow Region State University, Moscow, Russia, 73.2.

Received as: *Cryphonectria parasitica*. Ex: *Castanea saliva*, bark. Sochi National Park. Sochi. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Cryptococcus depauperatus (Petch 1932) Boekhout et al. 2015

F-3426 <-- Golubev V.I. VKM IBPM <- ATCC, ATCC 36983. Received as: *Filobasidiella depauperata* (Petch 1932) R.A. Samson, Stalpers et Weijman 1983. Synonym: *Filobasidiella depauperata* (Petch 1932) Samson, Stalpers et Weijman 1983. (ATCC 36983; TRTC 48044). Ex: died spider. Risk group: 4. (Medium [9](#), 25°C, C-13, S-4, S-5). ([4701](#), [4702](#), [4703](#), [4704](#), [4705](#), [4706](#), [4707](#))

Cunninghamella blakesleeana Lendner 1927

F-990 <-- INMI, VKM F-990 <- Eroshin V.K. IBPM, 330 <- CMI, IMI 63877. Received as: *Cunninghamella blakesleeana*. MT+. (ATCC 8688a; DSM 1906; IMI 53585; IMI 63877; NRRL 1369). Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, S-4, S-5). ([401](#), [484](#), [523](#), [524](#), [525](#), [526](#), [1365](#), [2192](#), [2733](#), [3214](#), [4117](#))

Cunninghamella blakesleeana Lendner 1927

F-993 <-- INMI, VKM F-993 CBS, NRRL 1372 (-). Received as: *Cunninghamella blakesleeana*. MT-. (CBS 224.64; NRRL 1372). Ex: *Linum usitatissimum*. Canada. Risk group: no. (Medium [9](#), 25°C, C-1, S-4, S-5). ([395](#), [401](#), [2232](#), [5003](#), [7124](#), [8958](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-439 <-- INMI, VKM F-439 <- DMA MSU. Received as: *Cunninghamella elegans*. MT+. Other name: *Cunninghamella elegans* Lendner 1908. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, C-13, D-4, F-1). ([395](#), [1791](#), [2232](#), [5134](#), [5378](#), [7124](#), [8253](#), [8958](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-470 <-- INMI, VKM F-470 <- VIZR, 634. Received as: *Cunninghamella echinata*. Synonym *Cunninghamella echinata* Pisppek 1929. MT-. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([395](#), [1791](#), [4935](#), [5055](#), [5109](#), [5378](#), [5594](#), [5604](#), [7124](#), [8958](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-471 <-- INMI, VKM F-471 <- VIZR, 638. Received as: *Cunninghamella elegans*. MT+. Other name: *Cunninghamella elegans* Lendner 1908. Risk group: no. (Medium [9](#), 25°C, C-1, F-1, S-5). ([1791](#), [4935](#), [5134](#), [5055](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-531 <-- INMI, VKM F-531 <- Eroshin V.K. IBPM, 306 <- CMI, IMI 78440. Received as: *Cunninghamella echinulata*. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1791](#), [1365](#), [5134](#), [7124](#), [8958](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-626 <-- INMI, VKM F-626 <- Eroshin V.K. IBPM <- Department of Botany, Faculty of Biology, Saint Petersburg, Russia, 253. Received as: *Thamnidium*

elegans. MT-. Other name: Thamnidium elegans Link 1809. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2232](#), [4935](#), [5134](#), [5055](#), [5594](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-657 <-- INMI, VKM F-657 <- Eroshin V.K. IBPM, 173 <- DMA MSU. Received as: *Cunninghamella echinata*. Synonym *Cunninghamella echinata* Pispek 1929. MT-. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([395](#), [1791](#), [5134](#), [5055](#), [5594](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-663 <-- INMI, VKM F-663 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 738. Received as: *Cunninghamella elegans*. MT+. Other name: *Cunninghamella elegans* Lendner 1908. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([8090](#), [395](#), [1791](#), [4146](#), [5134](#), [5259](#), [5378](#), [5604](#), [6981](#), [7054](#), [7570](#), [8155](#), [8253](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-669 <-- INMI, VKM F-669 <- Eroshin V.K. IBPM, 225 <- Biological Institute of Czechoslovak Academy of Sciences. Received as: *Cunninghamella ramosa*. Synonym *Cunninghamella ramosa* Pispek 1929. MT-. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, F-1). ([1791](#), [2232](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-678 <-- INMI, VKM F-678 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 734. Received as: *Cunninghamella verticillata*. Synonym *Cunninghamella verticillata* P.S. Paine 1927. MT-. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([395](#), [1791](#), [2232](#), [5134](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-679 <-- INMI, VKM F-679 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 571. Received as: *Cunninghamella echinata*. Synonym *Cunninghamella echinata* Pispek 1929. Ex: straw. Kamenetz-Podolsky. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, C-13, D-4, F-1). ([395](#), [1791](#), [1365](#), [2232](#), [5134](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-775 <-- INMI, VKM F-775 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 0036. Received as: *Cunninghamella echinulata*. MT+. Ex: soil. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([395](#), [4935](#), [5134](#), [5055](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee1905

F-776 <-- INMI, VKM F-776 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2835. Received as: *Cunninghamella echinulata*. MT-. Ex: soil. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([395](#),

[1791](#), [1546](#), [4935](#), [5055](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee 1905

F-994 <-- INMI, VKM F-994 <- CBS, CBS 115.05. Received as: *Cunninghamella echinulata*. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([1365](#), [5134](#))

Cunninghamella echinulata (Thaxter 1891) Thaxter ex Blakeslee 1905

F-1059 <-- INMI, VKM F-1059 <- Baghdadi V. DMA MSU. Received as: *Cunninghamella bainieri*. Synonym *Cunninghamella bainieri* Naumov 1935. Ex: soil. Syria. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([401](#), [5003](#))

Cunninghamella homothallica Kominami et Tubaki 1952

F-930 Øype <-- INMI, VKM F-930 <- CBS, CBS 168.53. Received as: *Cunninghamella homothallica*. (ATCC 16161; CBS 168.53; DSM 1156; IFO 6736; LCP 55.611; NBRC 6736; NI 1151; NRRL 2365). Ex: soil. near Tokyo. Japan. Risk group: no. (Medium [9](#), 25°C, C-5, C-12, S-4, S-5). ([401](#), [402](#), [459](#), [923](#), [1791](#), [1307](#), [2733](#), [4935](#), [5055](#), [5594](#))

Cunninghamella japonica (Saito 1905) Pidoplichko et Milko 1971

F-662 <-- INMI, VKM F-662 <- Eroshin V.K. IBPM, 252. Received as: *Cunninghamella elegans*. Other name: *Cunninghamella elegans* Lendner 1908. (CCF 1577). Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([8090](#), [1791](#), [2232](#), [5109](#), [5378](#), [5604](#), [8253](#))

Cunninghamella japonica (Saito 1905) Pidoplichko et Milko 1971

F-957 <-- INMI, VKM F-957 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20975-2957. Received as: *Cunninghamella elegans*. Other name: *Cunninghamella elegans* Lendner 1908. Ex: soil. Ternopol Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1791](#), [5134](#), [5604](#))

Cunninghamella japonica (Saito 1905) Pidoplichko et Milko 1971

F-995 <-- INMI, VKM F-995 <- ATCC, ATCC 9245. Received as: *Cunninghamella elegans*. Other name: *Cunninghamella elegans* Lendner 1908. (ATCC 9245; BCRC 31841; CBS 167.53; CDBB 260; DSM 1908; NRRL 2310; IMI 314507; PCM IAW44). Ex: *Linum usitatissimum*, seeds. Canada. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-4, S-5). ([400](#), [523](#), [526](#), [1365](#), [2188](#), [2191](#), [2194](#), [3214](#), [4117](#), [4911](#), [5134](#))

Cunninghamella japonica (Saito 1905) Pidoplichko et Milko 1971

F-1065 <-- INMI, VKM F-1065 <- Mirchink T.G. DSB MSU, 6(5-79). Received as: *Mortierella sp.* Other name: *Mortierella sp.* Ex: soil. New Guinea Island. Papua New Guinea. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, S-4, S-5). ([2094](#))

Cunninghamella japonica (Saito 1905) Pidoplichko et Milko 1971

F-1205 <-- INMI, VKM F-1205 <- Milko A.A. Danilo Zabolotny Institute of

Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 6. Received as: *Cunninghamella elegans*. MT+. Other name: *Cunninghamella elegans* Lendner 1908. Ex: forest soil. Republic of Crimea, Yalta Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, C-12, D-4, F-1, S-5). ([395](#), [398](#), [406](#), [407](#), [2637](#), [3277](#), [5134](#), [5109](#), [5604](#))

Cunninghamella japonica (Saito 1905) Pidoplichko et Milko 1971

F-1276 <-- INMI, VKM F-1276 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3420. Received as: *Cunninghamella elegans*. Other name: *Cunninghamella elegans* Lendner 1908. USSR. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([401](#), [5134](#))

Cunninghamella vesiculosa P.C. Misra 1966

F-1425 <-- INMI, VKM F-1425 <- CMI, IMI 130775 <- CBS. Received as: *Cunninghamella vesiculosa*. (IMI 130775; NRRL A-17; NRRL A-783). Risk group: no. (Medium [9](#), 25°C, C-1, C-5, S-4, S-5). ([401](#), [529](#), [1365](#))

Curvularia clavata B.L. Jain 1962

F-3701 <-- Sogonov M.V. DMA MSU, 16. Received as: *Curvularia clavata*. Ex: regosolic soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5). ([5134](#))

Curvularia comoriensis Bouriquet et Jauffret 1955 ex M.B. Ellis 1966

F-3039 Ôype <-- CMI, IMI 62707. Received as: *Curvularia comoriensis*. (IMI 62707). Ex: *Cymbopogon citratus*. Congo (RC). Risk group: 4. (Medium [14](#), 25°C, C-1, C-7, F-1). ([5134](#))

Curvularia fallax Boedijn 1933

F-3702 <-- Sogonov M.V. DMA MSU, 2. Received as: *Curvularia fallax*. Ex: regosolic soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)

Curvularia geniculata (Tracy et Earle 1896) Boedijn 1933

F-958 <-- INMI, VKM F-958 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 21175-4263. Received as: *Curvularia geniculata*. Ex: soil. Ternopol Region. Ukraine. Risk group: 4. (Medium [14](#), 25°C, C-1, C-7, F-1, S-5). ([8090](#), [1791](#), [2232](#), [5134](#), [5378](#), [6853](#), [6854](#))

Curvularia geniculata (Tracy et Earle 1896) Boedijn 1933

F-975 <-- INMI, VKM F-975 <- IFO, pp-3-9. Received as: *Curvularia geniculata*. Risk group: 4. (Medium [11](#), 25°C, C-1, S-5). ([1791](#), [2232](#), [5134](#), [6853](#), [6854](#))

Curvularia geniculata (Tracy et Earle 1896) Boedijn 1933

F-3561 <-- Egorova A.V. DMA MSU, 44. Received as: *Curvularia geniculata*. Ex: thermal landscape soil. Weet thermal landscape, Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium

[14](#), 25°C, C-8, F-1, S-5). ([5134](#), [6766](#), [7505](#), [8256](#), [8258](#))

Curvularia geniculata (Tracy et Earle 1896) Boedijn 1933

F-4327 <-- Aleksandrova A.V. DMA MSU, S 421. Received as: *Curvularia geniculata*. Ex: coniferous litter (3-5 cm). Light noniferous subtaiga (*Larix sibirica*-*Betula plathifolia*), mountain slope. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Curvularia inaequalis (Shear 1907) Boedijn 1933

F-2297 <-- IBPM, IBPM MF-333 <- VIZR, 258. Received as: *Curvularia inaequalis*. (BIM F-95). Ex: *Avena fatua*. USSR. Risk group: 4. (Medium [14](#), 25°C, C-1, S-5). ([1791](#), [5134](#))

Curvularia inaequalis (Shear 1907) Boedijn 1933

F-2801 <-- Rudakov O.L. INMI, VKM MF-380. Received as: *Helminthosporium parasiticum*. Ex: fungus, *Schizophyllum sp.* Afghanistan. Risk group: 4. (Medium [14](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#), [5134](#))

Curvularia inaequalis (Shear 1907) Boedijn 1933

F-3289 <-- Khasanov B.A. Central Asian research institute of phytopathology, Tashkent, Uzbekistan, K-436-U-1. Received as: *Curvularia inaequalis*. Ex: *Hordeum vulgare*, grain. State Farm Imeni Gazeti Pravda. Dzhambeity District. Kazakhstan. Risk group: 4. (Medium [14](#), 25°C, C-1, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Curvularia inaequalis (Shear 1907) Boedijn 1933

F-4299 <-- Gannibal F.B. VIZR, 115-081. Received as: *Curvularia inaequalis*. Ex: *Secale cereale*, leaf. Belgorod Region, Borisov Dostrikt. Russia. Risk group: 4. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Curvularia inaequalis (Shear 1907) Boedijn 1933

F-4369 <-- Gannibal F.B. VIZR, 072-011. Received as: *Curvularia inaequalis*. Ex: *Helianthus annuus* L., cultivar Stepnoj 81, seed. Volgograd Region. Russia. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)

Curvularia kusanoi (Y. Nisikado 1928) Manamgoda et al. 2014

F-3567 <-- Shkarupa A.G. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, ShK-C-5. Received as: *Drechslera kusanoi*. Synonym: *Drechslera kusanoi* (Y.Nisikado 1928) Subramanian et B.L.Jain 1966, *Bipolaris kusanoi* (Y.Nisikado 1928) Shoemaker 1959. Ex: *Comarum salesovianum*. Chya River, riverhead, foot of Mountain Taboshak. Republic of Altai. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Curvularia lunata (Wakker 1898) Boedijn 1933

F-644 <-- INMI, VKM F-644 <- DSB MSU. Received as: *Curvularia lunata*. (ATCC 90655). Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1791](#), [1252](#), [1291](#), [2119](#), [2228](#), [2232](#), [2921](#), [3085](#), [4117](#), [4469](#), [4624](#), [4861](#), [5134](#), [5109](#), [5491](#), [5604](#), [5844](#), [6482](#), [6813](#), [6824](#), [6853](#), [6854](#), [7707](#))

Curvularia lunata (Wakker 1898) Boedijn 1933

- F-645 <-- INMI, VKM F-645 <- DSB MSU. Received as: *Curvularia lunata*. (ATCC 90656). Risk group: 4. (Medium [14](#), 25°C, C-1, C-7, F-1, S-5). ([1791](#), [2232](#), [5134](#), [6853](#), [6854](#))
- Curvularia lunata*** (Wakker 1898) Boedijn 1933
- F-3703 <-- Sogonov M.V. DMA MSU, 4. Received as: *Curvularia lunata*. Ex: regosolic soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)
- Curvularia lunata*** (Wakker 1898) Boedijn 1933
- F-3843 <-- Aleksandrova A.V. DMA MSU, Dm38. Received as: *Curvularia lunata*. Ex: desert loess soil. Negev Desert, stony desert, bank of dry briverbed Nahal Besor. Israel. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)
- Curvularia lunata*** (Wakker 1898) Boedijn 1933
- F-4781 <-- VKPM, VKPM F-383. Received as: *Curvularia lunata*. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)
- Curvularia lunata*** (Wakker 1898) Boedijn 1933 var. *lunata*
- F-4619 <-- CBS, CBS 215.54. Received as: *Curvularia lunata* var. *lunata*. (CBS 215.54; ATCC 12017;CECT 2130;IFO 6299;IHEM 3801;IMI 061535;NRRL 2380;QM 120h). Ex: tarpaulin, canvas. Canal Zone. Panama. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)
- Curvularia nodulosa*** (Saccardo 1886) Manamgoda et al. 2014
- F-3287 <-- Khasanov B.A. Central Asian research institute of phytopathology, Tashkent, Uzbekistan, A-34. Received as: *Bipolaris nodulosa*. Synonym: *Bipolaris nodulosa* (Saccardo 1886) Shoemaker 1959. Ex: air. Syrdarya Region. Uzbekistan. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5)
- Curvularia protuberata*** Nelson et Hodges 1965
- F-3708 <-- Sogonov M.V. DMA MSU, 3. Received as: *Curvularia protuberata*. Ex: regosolic soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5). ([4888](#), [5134](#), [5109](#), [5378](#), [5604](#))
- Cylindrium cordae*** Grove 1886
- F-2677 <-- Rudakov O.L. INMI, VKM MF-23. Received as: *Cylindrium cordae*. Ex: fungus, *Blumeria graminis*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))
- Cylindrocarpon album*** (Saccardo 1877) Wollenweber 1917
- F-2879 <-- Rudakov O.L. INMI, VKM MF-575 <- ATCC, ATCC 16544. Received as: *Cylindrocarpon album*. State: tm - *Neonectria punicea* (J.C. Schmidt 1817) Castlebury et Rossman 2006. (ATCC 16544). Ex: Acer **sp.** UK. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3255](#))
- Cylindrocarpon chlamydospora*** Schischkina et Tzanava 1973
- F-1896 <-- INMI, VKM F-1896. Received as: *Cylindrocarpon chlamydospora*.

Georgia. Risk group: no. (Medium [11](#), 25°C, C-5, S-5)

Cylindrocarpon congoense J.A. Meyer 1958

F-2648 Òype <-- CMI, IMI 69504 <- Meyer J., 233. Received as: *Cylindrocarpon congoense*. (IMI 69504). Ex: *Desplatsia dewevrei*, spoiled fruit. Yangambi. Congo (DRC). Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([758](#))

Cylindrocarpon destructans (Zinssmeister 1918) Scholten 1964

F-4588 <-- Ivanushkina N.E. VKM IBPM, VKM FW-139. Received as: *Cylindrocarpon didymum*. Other name: *Cylindrocarpon didymum* (Hartig 1846) Wollenweber 1926. Ex: *Myrica cerifera*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Cylindrocarpon destructans (Zinssmeister 1918) Scholten 1964

F-4589 <-- Ivanushkina N.E. VKM IBPM, VKM FW-141. Received as: *Cylindrocarpon didymum*. Other name: *Cylindrocarpon didymum* (Hartig 1846) Wollenweber 1926. Ex: *Myrica cerifera*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Cylindrocarpon destructans (Zinssmeister 1918) Scholten 1964 var. *destructans*

F-865 <-- INMI, VKM F-865 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Cylindrocarpon radicolola*. Synonym *Cylindrocarpon radicolola* Wollenweber 1928. Ex: soil. Volyn Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Cylindrocarpon didymum (Hartig 1846) Wollenweber 1926

F-2656 <-- CMI, IMI 113891 <- Wollenweber H.W. Baarn, Netherlands. Received as: *Cylindrocarpon didymum*. (CBS 159.34; IMI 113891; MUCL 4084). Germany. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5842](#), [5857](#))

Cylindrocarpon didymum (Hartig 1846) Wollenweber 1926

F-4594 <-- Ivanushkina N.E. VKM IBPM, VKM FW-92. Received as: *Cylindrocarpon didymum*. Ex: *Myrica cerifera*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5, C-8)

Cylindrocarpon gracile Bugnicourt 1939

F-918 <-- INMI, VKM F-918 <- Milko A.A. Received as: *Cylindrocarpon gracile*. State: tm - *Calonectria gracilis* Crouse, M.G. Wingfield et Alfenas 1993. Ex: *Narcissus sp.*, bulb. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Cylindrocarpon gracile Bugnicourt 1939

F-4616 <-- Ivanushkina N.E. VKM IBPM, VKM FW-208. Received as: *Cylindrocarpon gracile*. Ex: *Alnus sp.*, actinorhizal nodule on root, endophyte. Hothouse, planting in perlite. Moscow Region. Russia. Risk

group: no. (Medium [11](#), 25°C, F-1, S-5, C-8)

Cylindrocarpon gracile Bugnicourt 1939

F-4617 <-- Ivanushkina N.E. VKM IBPM, VKM FW-253. Received as: *Cylindrocarpon gracile*. Ex: *Alnus* sp., root, endofit. Hothouse, planting in perlite. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5, C-8)

Cylindrocarpon heteronema (Berkeley et Broome 1865) Wollenweber 1916

F-2650 <-- CMI, IMI 113910. Received as: *Cylindrocarpon heteronema*. State: tm - *Neonectria galligena* (Bresadola 1901) Rossman et Samuels 1999. (CBS 303.59). Ex: *Malus pumila*, fruit. Netherlands. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Cylindrocarpon heteronema (Berkeley et Broome 1865) Wollenweber 1916

F-2821 <-- Rudakov O.L. INMI, VKM MF-441. Received as: *Sepedonium ampullosporum*. Other name: *Sepedonium ampullosporum* Damon 1952. (ATCC 36846 VKM MF- 441). Ex: fungus, *Boletus edulis*. Moscow Region, Barybino. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1368](#), [5604](#))

Cylindrocarpon ianthothele Wollenweber 1917 var. *minus* Reinking 1938

F-2646 <-- CBS, CBS 266.36. Received as: *Cylindrocarpon ianthothele* var. *minus*. (CBS 266.36). Germany. Risk group: no. (Medium [11](#), 25°C, S-5)

Cylindrocarpon magnusianum Wollenweber 1928

F-3994 <-- Aleksandrova A.V. DMA MSU, 29. Received as: *Cylindrocarpon magnusianum*. Ex: podzolic soil, A1 horizon. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Cylindrocarpon obtusisporum (Cooke et Harkness 1884) Wollenweber 1926

F-2649 <-- CMI, IMI 96731. Received as: *Cylindrocarpon obtusisporum*. (DAOM 88664; UAMH 1448; IMI 96731). Ex: *Pinus banksiana*. Saskatchewan, Big River. Canada. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Cylindrocarpon peronosporae (Fautrey et Lambotte 1896) Rudakov 1981

F-2753 <-- Rudakov O.L. INMI, VKM MF-178. Received as: *Fusidium peronosporae*. Synonym: *Fusidium peronosporae* Fautrey et Lambotte 1896. Ex: fungus, *Verticillium dahliae*. Republic of Crimea. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5)

Cylindrocephalum stellatum (Harz 1871) Saccardo 1886

F-2685 <-- Rudakov O.L. INMI, VKM MF-33. Received as: *Cylindrocephalum stellatum*. Ex: fungus, *Phytophthora infestans*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Cylindrophora alba Bonorden 1851

F-2678 <-- Rudakov O.L. INMI, VKM MF-26. Received as: *Cylindrophora alba*. (ATCC 36795 VKM MF-). Ex: fungus, *Lactarius vellereus*. Moscow Region.

Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([3068](#))

Cylindrophora hoffmannii Daszewska 1912

F-2298 <-- IBPM, IBPM F-353 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 62. Received as: *Cylindrophora hoffmannii*. Ex: oil painting. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

***Cytospora* sp.**

F-4752 <-- VKM IBPM, VKM FW-3262. Received as: *Cytospora* **sp.** Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF120204. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Dacrymyces stillatus Nees 1816

F-2953 <-- Oberwinkler F., Germany, FO 28136.00. Received as: *Dacrymyces stillatus* Nees 1816. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Dactylaria acerosa Matsushima 1975

F-3173 <-- Stupar O.S. VKM IBPM, M-2-3. Received as: *Dactylaria acerosa*. Ex: *Myrica cerifera*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1914](#))

Dactylaria dimorphospora Veenbaas-Rijks 1973

F-2158 <-- INMI, VKM F-2158 <- Milko A.A. IBIW, 4134. Received as: *Dactylaria dimorphospora*. Ex: *Betula* **sp.**, falling leaf. Pond. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Dactylellina asthenopaga (Drechsler 1937) M. Scholler et al.1999

F-2299 <-- IBPM, IBPM F-287 <- DMA MSU, 666. Received as: *Dactylella asthenopaga*. Synonym: *Dactylariopsis asthenopaga* (Drechsler 1937) Mekhtieva 1967, *Dactylella asthenopaga* Drechsler 1937. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5).

Daedalea quercina (Linnaeus 1753) Persoon 1801

F-716 <-- INMI, VKM F-716 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Daedalea quercina* (Linnaeus 1753) Persoon 1801. Ex: *Quercus* **sp.** Voronezh Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Daedalea quercina (Linnaeus 1753) Persoon 1801

F-1655 <-- INMI, VKM F-1655 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 1. Received as: *Daedalea quercina* (Linnaeus 1753) Persoon 1801. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Daedaleopsis confragosa (Bolton 1791) J. Schroeter 1888 var. *confragosa*

F-4076 <-- Psurtzeva N.V. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 1731. Received as: *Daedaleopsis confragosa* (Bolton 1792)

J. Schroeter 1888. Synonym: *Daedaleopsis confragosa* (Bolton 1792) J. Schroeter 1888. Ex: basidiospore, dead hornbeam, *Carpinus betulus*. Western Caucasus. Republic of Adygea, near Maykop. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-5).

Dematioscypha delicata (Berkeley et Broome 1859) Hosoya 2014

F-2827 <-- Rudakov O.L. INMI, VKM MF-453. Received as: *Haplographium fuscipes*. Synonym: *Haplographium delicatum* Berkeley et Broome 1859. (ATCC 36809). Ex: fungus, *Paxillus involutus*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#))

Dendrodochium toxicum Pidoplichko et Bilai 1947

F-827 <-- INMI, VKM F-827 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 5800. Received as: *Dendrodochium toxicum*. Ex: cotton-plant rhizosphere, *Gossypium sp.* Kherson Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5).

Dendrostilbella mycophila (Persoon 1822) Seifert 1985

F-2780 <-- Rudakov O.L. INMI, VKM MF-280. Received as: *Hyalopus mycophilus*. Synonym: *Hyalopus mycophilus* (Corda 1837) Corda 1838. (ATCC 36814 VKM MF- 280). Ex: fungus, *Clitocybe sp.* Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Dendryphion nanum (Nees 1816) S. Hughes 1958

F-2881 <-- Rudakov O.L. INMI, VKM MF-578 <- ATCC, ATCC 16226. Received as: *Dendryphion nanum*. (ATCC 16226). Ex: soil, infected by *Rhizoctonia solani*. Oats field. Germany. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5).

Dendryphion penicillatum (Corda 1838) Fries 1846

F-4306 <-- Gannibal Ph.B. VIZR, 463-011. Received as: *Brachycladium penicillatum*. Synonym: *Brachycladium penicillatum* Corda 1838. Ex: *Papaver rhoeas*, leaf. All-Russian Research Institute of Biological Plant Protection. Krasnodar. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Desarmillaria tabescens (Scopoli 1772) R.A. Koch et Aime 2017

F-4731 <-- VKM IBPM, VKM FW-1394 <- Korhonen K., Finland. Synonym: *Armillaria tabescens* (Scopoli 1772) Emel 1921. Risk group: no. (Medium [11](#), 26°C, C-11, S-4, S-5).

Desarmillaria tabescens (Scopoli 1772) R.A. Koch et Aime 2017

F-4732 <-- VKM IBPM, VKM FW-1396 <- Korhonen K., Finland. Synonym *Armillaria tabescens* (Scopoli 1772) Emel 1921. Risk group: no. (Medium [11](#), 26°C, C-11, S-4, S-5)

Desarmillaria tabescens (Scopoli 1772) R.A. Koch et Aime 2017

F-4733 <-- VKM IBPM, VKM FW-1397 <- Korhonen K., Finland. Synonym *Armillaria tabescens* (Scopoli 1772) Emel 1921. Risk group: no. (Medium

[11](#), 26°C, C-11, S-4, S-5)

Desarmillaria tabescens (Scopoli 1772) R.A. Koch et Aime 2017

F-4736 <-- VKM IBPM, VKM FW-1395 <- Korhonen K., Finland. Synonym *Armillaria tabescens* (Scopoli 1772) Emel 1921. Risk group: no. (Medium [11](#), 26°C, C-11, S-4, S-5)

Dichotomomyces cejpui (Milko 1964) D.B. Scott 1970

F-787 Type <-- INMI, VKM F-787 <- Milko A.A Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 174. Received as: *Talaromyces cejpui*. Synonym: *Talaromyces cejpui* Milko 1964. (CBS 157.66). Ex: soil. Tiraspol. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5).

Dicyma ampullifera Boulanger 1897

F-2916 <-- DMA MSU. Received as: *Dicyma ampullifera*. Ex: air. Russian State Library. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Dicyma ovalispora (S. Hughes 1951) Arx 1982

F-3178 <-- Ivanushkina N.E. VKM IBPM, G 3a. Received as: *Hansfordia ovalispora*. Synonym: *Hansfordia ovalispora* S.Hughes 1951. Ex: dead wood. Kedrovaya River, low stream, Kedrovaya Pad Nature Reserve, Far East. Primorsky Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1842 <-- INMI, VKM F-1842 <- Kuznetzova T.T. Received as: *Peyronellaea stemphylioides*. Synonym: *Phoma glomerata* (Corda 1840) Wollenweber et Hochapfel 1936. Other name: *Peyronellaea stemphylioides* Kuznetzova 1971 Type strain. (ATCC 26238; CBS 284.76; IMI 176748). Ex: *Populus nigra*, leaf. Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([532](#), [621](#), [7475](#))

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1845 <-- INMI, VKM F-1845 <- Kuznetzova T.T. Received as: *Peyronellaea zhdanovi*. Synonym *Peyronellaea zhdanovi* Kuznetzova 1971 Type strain, *Phoma glomerata* (Corda 1840) Wollenweber et Hochapfel 1936. (ATCC 26243; CBS 288.76). Ex: *Populus alba*, leaf. Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, S-5). ([532](#), [621](#), [7475](#))

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1846 <-- INMI, VKM F-1846 <- Kuznetzova T.T. Received as: *Peyronellaea sibirica* var. *allii*. Synonym *Peyronellaea sibirica* Kuznetzova 1971 var. *allii* Kuznetzova 1971 Type strain, *Phoma glomerata* (Corda 1840) Wollenweber et Hochapfel 1936. (ATCC 26239; CBS 289.76; IMI 176745). Ex: *Allium nutans*, leaf. Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([532](#), [621](#),

[7475](#))

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1847 <-- INMI, VKM F-1847 <- Kuznetzova T.T. Received as: Peyronellaea sibirica. Synonym Peyronellaea sibirica Kuznetzova 1971 Type strain, Phoma glomerata (Corda 1840) Wollenweber et Hochapfel 1936. (ATCC 26240; CBS 287.76; IMI 176746). Ex: Rubus idaeus, leaf. Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([532](#), [621](#), [1355](#), [7475](#))

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1848 <-- INMI, VKM F-1848 <- Kuznetzova T.T. Received as: Peyronellaea rutilis. Synonym Peyronellaea rutilis Kuznetzova 1971 Type strain, Phoma glomerata (Corda 1840) Wollenweber et Hochapfel 1936. (ATCC 26244; CBS 290.76; IMI 176747). Ex: Ribes nigrum, leaf. Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, S-5). ([532](#), [621](#), [7475](#))

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1890 <-- INMI, VKM F-1890 <- Milko A.A. IBIW, 1794. Received as: Phoma glomerata. Synonym Phoma glomerata (Corda 1840) Wollenweber et Hochapfel 1936. Ex: water. Volga River. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5134](#))

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1891 <-- INMI, VKM F-1891 <- Milko A.A. IBIW, 1580. Received as: Phoma glomerata. Synonym Phoma glomerata (Corda 1840) Wollenweber et Hochapfel 1936. Ex: water. Volga River. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-1892 <-- INMI, VKM F-1892 <- Milko A.A. IBIW, 1712. Received as: Phoma glomerata. Synonym Phoma glomerata (Corda 1840) Wollenweber et Hochapfel 1936. Ex: water. Volga River. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Didymella glomerata (Corda 1840) Qian Chen et L. Cai 2015

F-3511 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, LV-5. Received as: Phoma glomerata. Synonym Phoma glomerata (Corda 1840) Wollenweber et Hochapfel 1936. Ex: water. Vasilievsky Lakes. Tolyatti. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Didymella musae (P. Joly 1961) Qian Chen et L. Cai 2015

F-3508 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, K-3. Received as: Phoma pomorum. Ex: ground. Kuibyshev Reservoir. Kazan. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Didymella musae (P. Joly 1961) Qian Chen et L. Cai 2015

F-3510 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, LCH-5. Received as: Phoma pomorum. Ex: water. Chapayevka River.

Samara Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Didymella pinodella (L.K. Jones 1927) Qian Chen et L. Cai 2015

F-2442 <-- Uspenskaya G.D. DMA MSU. Received as: Phoma medicaginis var. pinodella. Synonym: Phoma medicaginis Malbranche et Roumeguere 1886 var. pinodella (L.K. Jones)1927) Boerema 1965, Phoma pinodella (L.K. Jones 1927) Morgan-Jones et K.B. Burch 1987. Ex: Pisum sativum. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-5)

Didymella pinodes (Berkeley et A. Bloxam 1861) Petrak 1924

F-2246 <-- IBPM, IBPM F-98 <- DMA MSU. Received as: Ascochyta pinodes. Synonym: Ascochyta pinodes L.K. Jones 1927. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Didymella pomorum (Thuemen 1879) Qian Chen et L. Cai 2015

F-1843 <-- INMI, VKM F-1843 <- Kuznetzova T.T. Received as: Peyronellaea circinata. Synonym: Peyronellaea circinata Kuznetzova 1971 Type strain, Phoma jolyana Pirozynski et Morgan-Jones 1968 var. circinata (Kuznetzova 1971) Boerema et al. 1977, Phoma pomorum Thuemen 1879 var. circinata (Kusnezowa1971) Aveskamp, Gruyter et Verkley 2009, Peyronellaea pomorum (Thuemen 1879) Aveskamp, Gruyter et Verkley 2010 var. Circinata (Kusnezowa1971) Aveskamp, Gruyter et Verkley 2010. (ATCC 26241; CBS 285.76; IMI 176742). Ex: Heracleum dissectum, leaf. Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([532](#), [621](#), [7355](#), [7460](#), [7466](#), [7475](#))

Didymella pomorum (Thuemen 1879) Qian Chen et L. Cai 2015

F-1844 <-- INMI, VKM F-1844 <- Kuznetzova T.T. Received as: Peyronellaea nigricans. Synonym Peyronellaea nigricans Kuznetzova 1971 Type strain, Phoma jolyana Pirozynski et Morgan-Jones 1968 var. circinata (Kuznetzova 1971) Boerema et al. 1977, Phoma pomorum Thuemen 1879 var. circinata (Kusnezowa1971) Aveskamp, Gruyter et Verkley 2009, Peyronellaea pomorum (Thumen 1879) Aveskamp, Gruyter et Verkley 2010 var. Circinata (Kusnezowa1971) Aveskamp, Gruyter et Verkley 2010. (ATCC 26242; CBS 286.76; IMI 176743). Ex: Allium nutans, leaf. Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([532](#), [621](#), [7355](#), [8860](#))

Didymella pomorum (Thuemen 1879) Qian Chen et L. Cai 2015

F-3512 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, LV-6. Received as: Phoma pomorum. Synonym Phoma pomorum Thuemen 1879. Ex: water. Vasilievsky Lakes. Tolyatti. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Didymella pomorum (Thuemen 1879) Qian Chen et L. Cai 2015

F-4328 <-- Aleksandrova A.V. DMA MSU, S 504. Received as: Phoma pomorum. Synonym Phoma pomorum Thuemen 1879. Ex: coniferous litter (3-5 cm). Light noniferous subtaiga (Larix sibirica-Betula plathifolia), mountain slope. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: no.

(Medium [13](#), 25°C, C-8, F-1, S-5)

Didymopsis helvellae (Corda 1854) Saccardo et Marchall 1885

F-2783 <-- Rudakov O.L. INMI, VKM MF-284. Received as: *Didymopsis helvellae*. (ATCC 36793 VKM MF- 284). Ex: fungus, *Russula ochroleuca*. Moscow Region, Serpukhov. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1368](#))

Dimargaris bacillispora R.K. Benjamin 1959

F-3499 Ôype <-- ATCC, ATCC 13569. Received as: *Dimargaris bacillispora*. (ATCC 13569; CBS 218.59; IMI 130774; RSA 592). Ex: mouse dung. California. USA. Risk group: no. (Medium [9](#), 25°C, C-11, C-12, D-4, F-1, S-4, S-5).

Dinemasporium strigosum (Persoon 1801) Saccardo 1881

F-2513 <-- IBIW, 366. Received as: *Dinemasporium strigosum*. Ex: *Phragmites communis*. Ivankovsky Reservoir. Tver Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5).

Diplocladium majus Bonorden 1851

F-2824 <-- Rudakov O.L. INMI, VKM MF-448. Received as: *Diplocladium majus*. (ATCC 36787 *Diplocladium majus* VKM MF-448). Ex: fungus, *Clitocybe subalutacea*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Diplocladium majus Bonorden 1851

F-2832 <-- Rudakov O.L. INMI, VKM MF-459. Received as: *Diplocladium majus*. (ATCC 36857 *Diplocladium majus* VKM MF-459). Ex: fungus, *Mycena sp.* Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Diplocladium penicilloides Saccardo 1886

F-2777 <-- Rudakov O.L. INMI, VKM MF-273. Received as: *Diplocladium penicilloides*. (ATCC 36811 *Diplocladium penicilloides* VKM MF-273). Ex: fungus, *Lichenomphalia umbellifera*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1368](#))

Diplocladium penicilloides Saccardo 1886

F-2814 <-- Rudakov O.L. INMI, VKM MF-421. Received as: *Diplocladium penicilloides*. (ATCC 36861 *Diplocladium penicilloides* VKM MF-421). Ex: fungus, *Ampulloclitocybe clavipes*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Diplodina acerina (Passerini 1875) B. Sutton 1980

F-4543 <-- VKM IBPM, VKM FW-3182. Received as: *Ascochyta sp.* Ex: permafrost, Russkaya Station, hole A8/08, depth 1,15-1,20 m. Marie Byrd Land, Antarctica. DNA sequences: JN835196. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Dipodascopsis tothii (Zsolt 1963) L.R. Batra et Millner 1978

F-1832 Ôype <-- INMI, VKM F-1832 <- Babeva I.P. DSB MSU, 1601 <- CCY, CCY 52-

1-1 <- Kochova-Kratochvilova A. <- Zsolt Y. Lilafeired, Hungary. Received as: *Dipodascus tothii*. Synonym: *Dipodascus tothii* Zsolt 1963 Type strain. (ATCC 76902; BCC 45256; CBS 759.85; CCY 52-1-1; CSIR 31 ; NRRL Y-12690). Ex: *Fagus silvatica*, cutting. Lillafuered. Hungary. Risk group: no. (Medium [11](#), 25°C, D-4, F-1).

Dipodascopsis uninucleata (Biggs 1937) L.R. Batra et Millner 1978 var. *uninucleata*

F-1828 Type <-- INMI, VKM F-1828 <- Babeva I.P. DSB MSU <- CBS, CBS 190.37. Received as: *Dipodascus uninucleatus*. Synonym: *Dipodascus uninucleatus* Biggs 1937 Type strain. (ATCC 7445; CBS 190.37; CCY 52-2-1; NCIM 1234). Ex: insect, *Drosophila melanogaster*. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5)

Dipodascus aggregatus Francke-Grosmann 1952

F-1829 <-- INMI, VKM F-1829 <- Babeva I.P. DSB MSU <- CBS, CBS 152.57. Received as: *Dipodascus albidus* de Lagerheim 1892 f. minor Korf 1957. (ATCC 12934; CBS 152.57; CUP 44260; DSM 974). Ex: *Pinus resinosa*, infected by *Ips pini*, root. USA. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Dipodascus aggregatus Francke-Grosmann 1952

F-1830 Type <-- INMI, VKM F-1830 <- Babeva I.P. DSB MSU <- CBS, CBS 175.53. Received as: *Dipodascus aggregatus*. (CBS 175.53). Ex: pine-tree infected *Ips acuminatus*. Germany. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Dipodascus armillariae W. Gams 1983

F-2929 <-- INMI, VKM Y-1063 <- CBS, CBS 1964. Received as: *Endomyces decipiens*. Synonym: *Endomyces decipiens* (Tulasne et C.Tulasne 1870) Reess 1870. (CBS 1964). Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Discula brunneotagens E.I. Meyer 1953

F-711 Type <-- INMI, VKM F-711 <- LWP. Received as: *Discula brunneo-tagens*. Ex: *Pinus sp.*, alburnum. Moscow Region. Russia. Risk group: no. (Medium [14](#), 25°C, C-5, F-1, S-5). ([708](#))

Dispira cornuta van Tieghem 1875

F-1106 <-- INMI, VKM F-1106 <- CBS. Received as: *Dispira cornuta*. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5).

Dissoacremoniella silvatica Kirilenko 1970

F-1634 Type <-- INMI, VKM F-1634 <- Kirilenko T.S., 541. Received as: *Dissoacremoniella silvatica*. Ex: *Quercus robur*, rhizosphere. Kiev Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Doratomyces nanus (Ehrenberg 1818) F.J. Morton et G. Smith 1963

F-4326 <-- Aleksandrova A.V. DMA MSU, S 426. Received as: *Cephalotrichum nanum*. Synonym: *Cephalotrichum nanum* (Ehrenberg 1818) S. Hughes 1958. Ex: coniferous litter (3-5 cm). Light noniferous subtaiga (*Larix sibirica*-*Betula plathifolia*), mountain slope. North Mongolia, West-Khentee,

Selenge Aimak. Mongolia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([6379](#))

Dothiora prunorum (Dennis et Buhagiar 1973) Crous 2016

F-2208 <-- Milko A.A. IBIW, 4524. Received as: *Hormonema prunorum*. Synonym: *Hormonema prunorum* (Dennis et Buhagiar 1973) Hermanides-Nijhof 1977. Ex: water. Pleshcheevo Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Drechmeria coniospora (Drechsler 1941) W. Gams et H.-B. Jansson 1985

F-1653 <-- INMI, VKM F-1653 <- Barron G.L. University of Guelph, Ontario, Canada. Received as: *Meria coniospora*. Synonym: *Meria coniospora* Drechsler 1941. Canada. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1).

Drechslera avenacea (M.A. Curtis ex Cooke 1889) Shoemaker 1959

F-3097 <-- Rudakov O.L. INMI, VKM MF-60. Received as: *Drechslera avenacea*. Ex: *Triticum sp.* Kyrgyzstan. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5).

Drechslera avenacea (M.A. Curtis ex Cooke 1889) Shoemaker 1959

F-3284 <-- Khasanov B.A. Central Asian research institute of phytopathology, Tashkent, Uzbekistan, 246. Received as: *Drechslera avenacea*. Ex: *Avena fatua*, leaf. Kashkadarinsk Region, Yakkabag District. Uzbekistan. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5). ([5134](#), [5604](#))

Drechslera campanulata (Leveille 1841) B. Sutton 1976

F-2521 <-- Milko A.A. IBIW, 5151. Received as: *Drechslera verticillata*. Synonym: *Drechslera verticillata* (O Gara 1915) Shoemaker 1966. Ex: water. Volga River. Saratov. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)

Drechslera campanulata (Leveille 1841) B. Sutton 1976

F-3285 <-- Khasanov B.A. Central Asian research institute of phytopathology, Tashkent, Uzbekistan, A-5. Received as: *Drechslera campanulata*. Ex: air. Russia. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5)

Drechslera campanulata (Leveille 1841) B. Sutton 1976

F-3286 <-- Khasanov B.A. Central Asian research institute of phytopathology, Tashkent, Uzbekistan, A-107. Received as: *Drechslera campanulata*. Ex: air. Height 100 m above growing cereals. Saratov Region. Russia. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5)

Drechslera poae (Baudys 1916) Shoemaker 1962

F-3098 <-- Rudakov O.L. INMI, VKM MF-600. Received as: *Drechslera poae*. Ex: plant. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([5134](#))

Duddingtonia flagrans (Duddington 1949) R.C. Cooke 1969

F-2574 <-- IBPM, IBPM F-286 <- DMA MSU, 418. Received as: *Arthrotrrys flagrans*. Synonym: *Arthrotrrys flagrans* (Duddington 1949) Mekhtieva 1964. Ex: soil. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-

4, F-1, S-5). ([5415](#))

Eladia saccula (E. Dale 1926) G. Smith 1961

F-1838 <-- INMI, VKM F-1838 <- Zakharova L.I. IBIW, 385. Received as: *Eladia saccula*. Synonym: *Penicillium sacculum* E.Dale 1926. Ex: water, depth of 2 m. Bottom, Volgograd Reservoir. Russia. Risk group: no. (Medium [12](#), 25°C, C-1, F-1).

Elaphocordyceps subsessilis (Petch 1937) G.H. Sung et al. 2007

F-4624 <-- Grum-Grzhimaylo O.A. BBS MSU. State: am - *Tolypocladium inflatum* W. Gams 1971. Ex: sphagnum peat, depth 0,3 m, soil. Raised bog, Sphagnum-Carex association, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JQ780664. Risk group: no. (Medium [9](#), 18°C, C-8, F-1, S-5). ([9055](#))

Embellisia chlamydospora (Hoes et al. 1965) E.G. Simmons 1971

F-4370 <-- Gannibal F.B. VIZR, 427-011. Received as: *Embellisia chlamydospora*. Ex: *Triticum aestivum*, root. Krasnodar Territory. Russia. Risk group: no. (Medium [14](#), 25°C, C-8, F-1, S-5).

Emericellopsis alkalina Bilanenko et Georgieva 2013

F-3905 <-- Georgieva M.L. DMA MSU, 14. Received as: *Acremonium rutilum* W. Gams 1971. (CBS 120043). Ex: saline soil, soda salinization, pH 9,9. Kulunda Steppe, Bezimyannoe Lake. Altai Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([8981](#), [8043](#), [8258](#))

Emericellopsis alkalina Bilanenko et Georgieva 2013

F-3907 <-- Georgieva M.L. DMA MSU, 71. Received as: *Acremonium rutilum* W. Gams 1971. (CBS 120049). Ex: saline soil, sulfate-soda salinization, pH 10,3. Transbaikal, Sulfatnoe Lake. Trans-Baikal Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([8981](#), [8043](#), [8258](#))

Emericellopsis donezkii Beliakova 1974

F-793 Type <-- INMI, VKM F-793 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51112. Received as: *Emericellopsis terricola* J.F.H. Beyma 1940. (CBS 489.71). Ex: water. Severny Donets River. Ukraine. Risk group: no. (Medium [14](#), 25°C, C-8, F-1, S-5)

Emericellopsis donezkii Beliakova 1974

F-2050 <-- INMI, VKM F-2050 <- Milko A.A. IBIW, 4245. Received as: *Emericellopsis sp.* Ex: water, depth of 6 m. Dnepr River. Kiev. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-8, D-4, F-1, S-5)

Emericellopsis donezkii Beliakova 1974

F-2053 <-- INMI, VKM F-2053 <- Milko A.A. IBIW, 4199. Received as: *Emericellopsis sp.* Ex: water. Estuary of Desna River. near Kiev. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1, S-5)

Emericellopsis donezkii Beliakova 1974

F-2055 <-- INMI, VKM F-2055 <- Milko A.A. IBIW, 4318. Received as: *Emericellopsis* **sp.** Ex: water. Estuary of Desna River. near Kiev. Ukraine. Risk group: no. (Medium [7](#), 25°C, D-4, F-1, S-5). ([1131](#), [4117](#))

Emericellopsis donezkii Beliakova 1974

F-2056 <-- INMI, VKM F-2056 <- Milko A.A. IBIW, 4346. Received as: *Emericellopsis* **sp.** Ex: water. Estuary of Desna River. near Kiev. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1, S-5)

Emericellopsis donezkii Beliakova 1974

F-2057 <-- INMI, VKM F-2057 <- Milko A.A. IBIW, 4365. Received as: *Emericellopsis* **sp.** Ex: water. Estuary of Desna River. near Kiev. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1)

Emericellopsis donezkii Beliakova 1974

F-2149 <-- INMI, VKM F-2149 <- Milko A.A. IBIW, 4385. Received as: Genus **sp.** Ex: water. Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [7](#), 25°C, D-4, F-1, S-5)

Emericellopsis glabra (J.F.H. Beyma 1940) Backus et Orpurt 1961

F-1312 <-- INMI, VKM F-1312 <- CBS, CBS 376.64. Received as: *Emericellopsis glabra*. (CBS 376.64). Ex: soil. Potato field. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Emericellopsis humicola (Cain 1956) Gilman 1956

F-1311 <-- INMI, VKM F-1311 <- CBS, CBS 180.56. Received as: *Emericellopsis humicola*. Synonym: *Saturnomyces humicola* Cain 1956 Type strain. (CBS 180.56). Ex: peaty soil. Ontario. Canada. Risk group: no. (Medium [11](#), 25°C, C-1, C-8, D-4, F-1, S-5)

Emericellopsis maritima Beliakova 1970

F-1082 Type <-- INMI, VKM F-1082 <- Milko A.A., 52-17. Received as: Genus **sp.** (CBS 491.71; IFO (now NBRC) 9603; IMI 167386). Ex: water. Black Sea. near Sevastopol. Russia. Risk group: no. (Medium [7](#), 25°C, C-8, F-1, S-5). ([72](#))

Emericellopsis minima Stolk 1955

F-978 <-- INMI, VKM F-978 <- Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Emericellopsis* **sp.** Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5)

Emericellopsis minima Stolk 1955

F-1057 <-- INMI, VKM F-1057 <- Gams W. CBS, C309. Received as: *Emericellopsis minima*. Ex: soil. Wheat field. Germany. Risk group: no. (Medium [7](#), 25°C, C-1, F-1, S-5)

Emericellopsis minima Stolk 1955

F-1058 <-- INMI, VKM F-1058 <- Gams W. CBS, C356. Received as: *Emericellopsis minima*. (CBS 241.70). Ex: soil. Wheat field. Germany. Risk group: no. (Medium [7](#), 25°C, C-8, F-1, S-5)

Emericellopsis minima Stolk 1955

F-1081 <-- INMI, VKM F-1081 <- Milko A.A., 58-117. Received as: *Emericellopsis minima*. (CBS 488.71). Ex: water. Littoral zone, Black Sea. Republic of Crimea. Russia. Risk group: no. (Medium [7](#), 25°C, C-8, F-1, S-4)

***Emericellopsis minima* Stolk 1955**

F-1259 <-- INMI, VKM F-1259 <- CMI, IMI 69015. Received as: *Emericellopsis minima*. (IMI 69015). Ex: dried wood, Sequoia **sp.** Australia. Risk group: no. (Medium [7](#), 25°C, C-8, F-1, S-5)

***Emericellopsis minima* Stolk 1955**

F-1260 <-- INMI, VKM F-1260 <- CMI, IMI 58330. Received as: *Emericellopsis salmosynnemata*. Synonym *Emericellopsis salmosynnemata* Grosklags et Swift 1957 Type strain. State: am - *Cephalosporium salmosynnematum* Roberts 1952 Type strain. (ATCC 11661; CBS 182.56; DAOM 64321; IFO 9239; IMI 58330; NRRL 2271). Ex: laboratory contaminant. Michigan. USA. Risk group: no. (Medium [7](#), 25°C, C-5, C-11, S-5)

***Emericellopsis minima* Stolk 1955**

F-1301 <-- INMI, VKM F-1301 <- ATCC, ATCC 14645. Received as: *Emericellopsis microspora*. Synonym *Emericellopsis microspora* Backus et Orpurt 1962 Type strain. (ATCC 14645; CBS 380.62; IFO 9241; IMI 92625; WSF 47). Ex: steppe soil. Wisconsin. USA. Risk group: no. (Medium [7](#), 25°C, C-1, F-1, S-5)

***Emericellopsis minima* Stolk 1955**

F-1302 Òype <-- INMI, VKM F-1302 <- ATCC, ATCC 14616. Received as: *Emericellopsis pusilla*. Synonym *Emericellopsis pusilla* P.N.Mathur et al. 1963. (ATCC 14616; CBS 226.62; HACC 116; IFO 9125; IMI 91580). Ex: soil. Poona. India. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

***Emericellopsis minima* Stolk 1955**

F-1483 <-- INMI, VKM F-1483 <- CBS, CBS 382.62. Received as: *Emericellopsis salmosynnemata*. Synonym *Emericellopsis salmosynnemata* Grosklags et Swift 1957. (CBS 382.62). Ex: soil. Belgium. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1, S-5)

***Emericellopsis minima* Stolk 1955**

F-1484 Òype <-- INMI, VKM F-1484 <- CBS, CBS 190.55. Received as: *Emericellopsis minima*. (CBS 190.55). Ex: soil. Inhaca Island. Mozambique. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

***Emericellopsis pallida* Beliakova 1974**

F-925 Type <-- INMI, VKM F-925 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 7. Received as: *Sartorya sp.* (CBS 490.71; IFO (now NBRC) 9815). Ex: water. Littoral zone, Black Sea. Republic of Crimea. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, D-4, F-1, S-5). ([75](#))

***Emericellopsis robusta* van Emden et W. Gams 1971**

F-1620 Òype <-- INMI, VKM F-1620 <- CBS, CBS 105.70. Received as: *Emericellopsis*

robusta. (CBS 105.70). Ex: agricultural soil. Netherlands. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Emericellopsis terricola J.F.H. Beyma 1940

F-1304 <-- INMI, VKM F-1304 <- CMI, IMI 68332. Received as: *Emericellopsis terricola*. (IMI 68332). Ex: soil. UK. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Engyodontium album (Limber 1940) de Hoog 1978

F-3028 <-- Mirchink T.G. DSB MSU, 385. Received as: *Tritirachium album*. Synonym: *Tritirachium album* Limber 1940. Ex: wall, surface. Cathedral of the Archangel, Kremlin. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([7952](#), [8002](#))

Entomophthora conica Nowakowski 1883

F-1716 <-- INMI, VKM F-1716 <- Golberg A.M. Research Institute of Medical Parasitology and Tropical Medicine, I.M. Sechenov First Moscow State Medical University of the Ministry of Health of the Russian Federation, Moscow, Russia. Received as: *Entomophthora conica*. Synonym: *Erynia conica* (Nowakowski 1883) Remaud et Hennebert 1980. Risk group: no. (Medium [11](#), 25°C, C-7, C-12, S-4, S-5). ([423](#), [1492](#), [1548](#), [1648](#), [1653](#))

Entomophthora dipterigena (Thaxter 1888) Saccardo et Traverso 1891

F-1930 <-- INMI, VKM F-1930 <- Institute of Biology, University of Latvia, Salaspils, Latvia. Received as: *Entomophthora dipterigena*. Sakhalin Island. Russia. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, S-4, S-5). ([1793](#), [1954](#))

Entomophthora pyriformis Thoizon 1967

F-2984 <-- Siberian Research Institute of Farming and Chemicalization of Agriculture, Novosibirsk, Russia, 78-2. Received as: *Entomophthora pyriformis*. Ex: insect, *Acyrtosiphon pisum*. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5)

Entomophthora thaxteriana I.M. Hall et J. Bell 1963

F-1711 <-- INMI, VKM F-1711 <- Evlakhova A.A. VIZR, 1. Received as: *Entomophthora thaxteriana*. Ex: *Myzus persicae*. Leningrad Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, S-4, S-5). ([401](#), [423](#), [1648](#))

Entomophthora thaxteriana I.M. Hall et J. Bell 1963

F-1834 <-- All-Russian Research Institute Biotechnology, Moscow, Russia <- VIZR, 65-41-15. Received as: *Entomophthora thaxteriana*. Ex: dead *Acyrtosiphon pisum*. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5)

Entomophthora thaxteriana I.M. Hall et J. Bell 1963

F-1931 <-- INMI, VKM F-1931 <- Institute of Biology, University of Latvia, Salaspils, Latvia. Received as: *Entomophthora thaxteriana*. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, S-4, S-5). ([401](#), [423](#), [1648](#))

Entomophthora thaxteriana I.M. Hall et J. Bell 1963

F-2961 <-- Siberian Research Institute of Farming and Chemicalization of Agriculture, Novosibirsk, Russia, D. Received as: Entomophthora thaxteriana. Ex: insect, Acyrthosiphon pisum. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5)

Epicoccum nigrum Link 1815

F-2048 <-- INMI, VKM F-2048 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 76. Received as: Epicoccum purpurascens. Synonym: Epicoccum purpurascens Ehrenberg 1818. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Epicoccum nigrum Link 1815

F-2099 <-- INMI, VKM F-2099 <- TUB. Received as: Epicoccum nigrum. Synonym Epicoccum purpurascens Ehrenberg 1818. Ex: air. Garden. Parkville. Australia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5134](#))

Epicoccum nigrum Link 1815

F-3833 <-- Ivanushkina N.E. VKM IBPM, K-34. Received as: Epicoccum nigrum. Ex: Hordeum vulgare, cultivar Zazerskij-85, grain. Experimental farm Podvyaze. Ryazan Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Epicoccum nigrum Link 1815

F-3842 <-- Aleksandrova A.V. DMA MSU, Dm32. Received as: Epicoccum nigrum. Ex: Clethrionomys glareolus, fur on litter. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Epicoccum nigrum Link 1815

F-4544 <-- VKM IBPM, VKM FW-3200. Received as: Epicoccum nigrum. Ex: soil, Novolazarevskaya Station, soil pit FDG-09-03, B, depth 0,02–0,06 m. Schirmacher Oasis, Antarctica. DNA sequences: JN835210. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([2763](#), [5790](#))

Epithyrium obscurum (Saccardo 1878) Aveskamp et al. 2010

F-3899 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-7. Received as: Aplosporella obscura. Synonym: Aplosporella obscura Passerini 1885. Ex: Castanea saliva, bark. Zonguldak Province. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Eremascus fertilis Stoppel 1907

F-2132 <-- INMI, VKM F-2132 <- VKM, VKM Y-1077 <- CBS, CBS 209.39. Received as: Eremascus fertilis. (CBS 209.39). Ex: beecomb. Risk group: no. (Medium [24](#), 25°C, C-1, F-1, S-5).

Eremothecium ashbyi Guilliermond 1935

F-124 Authentic strain <-- INMI, VKM F-124 <- CBS, CBS 106.43 <- Ritter W. Received as: Eremothecium ashbyi. (CBS 106.43). Risk group: no. (Medium [9](#), 25°C, S-4, S-5). ([5077](#), [5474](#), [5908](#), [7729](#), [7734](#), [7778](#), [7796](#), [7821](#), [8054](#))

Eremothecium ashbyi Guilliermond 1935

F-1397 <-- INMI, VKM F-1397 <- KL, Stockholm, Sweden, 6022. Received as: *Eremothecium ashbyi*. Risk group: no. (Medium [9](#), 25°C, C-8, S-5). ([5077](#))

Eremothecium ashbyi Guilliermond 1935

F-3009 . Risk group: no. (Medium [11](#), 25°C, C-13, S-5). ([1752](#), [1879](#), [1885](#), [1967](#), [5077](#), [5474](#), [5908](#), [5942](#), [6911](#), [7729](#), [7734](#), [7778](#), [7796](#), [7887](#), [8054](#))

Eremothecium ashbyi Guilliermond 1935

F-3294 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-6 <- Bulgaria. Received as: *Eremothecium ashbyi*. Risk group: no. (Medium [9](#), 28°C, C-5)

Eremothecium gossypii (S.F. Ashby et W. Nowell 1926) Kurtzman 1995

F-3276 <-- Institute of Essential Oil and Medicinal Plants, Simferopol, Crimea, Ukraine. Received as: *Ashbya gossypii*. Synonym: *Ashbya gossypii* (S.F.Ashby et W.Nowell 1926) Guilliermond 1928. Ex: mutant of strain VKM F-1398. Risk group: no. (Medium [11](#), 25°C, C-13, S-4, S-5). ([2121](#), [5077](#), [5474](#), [6911](#), [7729](#), [7734](#), [7778](#), [7796](#), [7885](#))

Eupenicillium javanicum (J.F.H. Beyma 1929) Stolk et D.B. Scott 1967 var. *javanicum*

F-273 <-- INMI, VKM F-273 <- CMI, IMI 39737 <- Thom C., 5226. Received as: *Penicillium ehrlichii*. Synonym: *Eupenicillium ehrlichii* (Klebahn 1930) Stolk et Scott 1967 Type strain, *Penicillium ehrlichii* Klebahn 1930 Holotype strain. State: am - *Penicillium klebahnii* Pitt 1979 Type strain. (ATCC 10442; CBS 324.48; CSIR 644; IFO 6095; IFO 8848; IMI 39737; NRRL 708; QM 1874; Thom 5226). Poland. Risk group: no. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([8861](#), [4696](#))

Eupenicillium pinetorum Stolk 1968

F-4048 <-- Aleksandrova A.V. DMA MSU, 58. Received as: *Eupenicillium pinetorum*. Ex: *Sorex caecutiens*, fur on litter. Bilberry pine forest, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-4)

Eurotium amstelodami L. Mangin 1909

F-15 Authentic strain <-- INMI, VKM F-15 <- LCP, LCP 142. Received as: *Aspergillus amstelodami*. (LCP 142). Ex: algae. Risk group: no. (Medium [24](#), 25°C, D-4, F-1, S-5). ([1783](#), [1812](#), [2079](#))

Eurotium amstelodami L. Mangin 1909

F-799 <-- INMI, VKM F-799 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 657. Received as: *Aspergillus ruber*. Ex: preserve. Kharkov. Ukraine. Risk group: no. (Medium [24](#), 25°C, C-1, D-4, F-1)

Eurotium amstelodami L. Mangin 1909

F-1554 <-- INMI, VKM F-1554 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 394. Received as: *Aspergillus amstelodami*. Ex: condensed milk. Kharkov. Ukraine. Risk group: no. (Medium [12](#), 25°C, D-4,

F-1). ([1783](#))

Eurotium amstelodami L. Mangin 1909

F-1759 <-- INMI, VKM F-1759 <- Lomonosov Moscow State University, Moscow, Russia, 884. Received as: *Aspergillus vitis*. Synonym *Aspergillus vitis* Novobranova 1972 Isotype. Ex: *Vitis vinifera*, berry at storage. Alma-Ata. Kazakhstan. Risk group: no. (Medium [24](#), 25°C, D-4, F-1, S-5). ([5134](#))

Eurotium amstelodami L. Mangin 1909

F-1760 <-- INMI, VKM F-1760 <- Lomonosov Moscow State University, Moscow, Russia, 764. Received as: *Aspergillus vitis*. Synonym *Aspergillus amstelodami* (L.Mangin 1909) Thom et Church 1926, *Aspergillus vitis* Novobranova 1972 Isotype. (ATCC 24717; CBS 651.74; IMI 174724). Ex: *Vitis vinifera*, berry at storage. Alma-Ata. Kazakhstan. Risk group: no. (Medium [24](#), 25°C, D-4, F-1, S-5). ([7458](#))

Eurotium amstelodami L. Mangin 1909

F-2249 <-- IBPM, IBPM F-233 <- DMA MSU. Received as: *Aspergillus amstelodami*. Risk group: no. (Medium [24](#), 25°C, D-4, F-1). ([1790](#))

Eurotium amstelodami L. Mangin 1909

F-4496 <-- VKM IBPM, VKM FW-3085. Received as: *Eurotium amstelodami*. Ex: air. Production floor, meat-processing plant. Russia. Risk group: no. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Eurotium chevalieri L. Mangin 1909

F-675 <-- INMI, VKM F-675 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 640. Received as: *Aspergillus chevalieri*. Synonym: *Aspergillus chevalieri* (Mangin 1909) Thom et Church 1926. Ex: gingerbread. Kharkov. Ukraine. Risk group: no. (Medium [24](#), 25°C, D-4, F-1, S-5). ([1783](#))

Eurotium chevalieri L. Mangin 1909

F-798 <-- INMI, VKM F-798 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 752. Received as: *Aspergillus chevalieri*. Synonym *Aspergillus chevalieri* (Mangin 1909) Thom et Church 1926. Ex: wheat flour. Kharkov. Ukraine. Risk group: no. (Medium [24](#), 25°C, D-4, F-1, S-5). ([1783](#))

Eurotium chevalieri L. Mangin 1909

F-1555 <-- INMI, VKM F-1555 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 375. Received as: *Aspergillus chevalieri*. Synonym *Aspergillus chevalieri* (Mangin 1909) Thom et Church 1926. Ex: air. Refrigerator chamber. Kharkov. Ukraine. Risk group: no. (Medium [24](#), 25°C, D-4, F-1, S-5)

Eurotium halophilicum C.M. Christensen et al. 1959

F-1391 <-- INMI, VKM F-1391 <- Imai M. Botanical Laboratory, Faculty of Science, Ochanomizu University, Tokyo, Japan. Received as: *Eurotium halophilicum*. (IFO 8156). Risk group: no. (Medium [22](#), 25°C, C-1, F-1, S-5)

Eurotium herbariorum (F.H. Wiggers 1780) Link 1809

F-1816 <-- INMI, VKM F-1816 <- Novobranova T.I. DMA MSU, 957. Received as: *Eurotium herbariorum*. Synonym: *Eurotium minus* (L. Mangin 1909) Subramanian 1972, *Eurotium manginii* (L. Mangin 1909) Thom et Raper ex Bilai et Koval 1988. (ATCC 24716; CBS 758.74; IMI 174722). Ex: apple, core. Alma-Ata. Kazakhstan. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Eurotium rubrum Jos. Koenig et al. 1901

F-61 <-- INMI, VKM F-61 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 90. Received as: *Aspergillus ruber*. Synonym: *Aspergillus ruber* Thom et Church 1926. Ex: book paper. Russian State Library. Moscow. Russia. Risk group: no. (Medium [24](#), 25°C, D-4, F-1, S-5)

Eurotium tonophilum Ohtsuki 1962

F-1389 Neotype <-- INMI, VKM F-1389 <- Imai M. Botanical Laboratory, Faculty of Science, Ochanomizu University, Tokyo, Japan. Received as: *Eurotium tonophilum*. State: am - *Aspergillus tonophilum* Ohtsuki 1962. (ATCC 16440; ATCC 14567; ATCC 36504; CECT 2076; CBS 405.65; DSM 3462; IFO 6529; IMI 108299; IMI 108299ii; NRRL A-11464; WB 5124). Ex: binocular lens surface. Risk group: no. (Medium [22](#), 25°C, C-1, F-1, S-5). ([1812](#), [7443](#))

Evlachovaea kintrischica B.A. Borisov et Tarasov 1999

F-3428 Type <-- Borisov B.A. AS Bioindustry, Moscow, Russia, AAi-KR91. Received as: *Paecilomyces sp.* Ex: *Agelastica alni*, imago infected by fungus, imago. Kintrishi Reserve. Adjara, Tzkhemuani. Georgia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([5479](#))

Exobasidium myrtilli Siegmund 1879

F-2955 <-- Oberwinkler F., Germany, PB 4143.00. Received as: *Exobasidium myrtilli* Siegmund 1879. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([7097](#))

Exobasidium vaccinii (Fuckel 1861) Woronin 1867

F-2957 <-- Oberwinkler F., Germany, FO 24017.00. Received as: *Exobasidium vaccinii* (Fuckel 1861) Woronin 1867. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([7097](#))

Exophiala castellanii Iwatsu et al. 1984

F-121 <-- INMI, VKM F-121 <- CBS, CBS 145.30. Received as: *Dematium nigrum*. Synonym: *Exophiala mansonii* (Castellani 1905) de Hoog 1977. Other name: *Dematium nigrum* Link 1809. (CBS 145.30). Ex: scopolamin sample. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2066](#), [2861](#), [2862](#))

Exophiala castellanii Iwatsu et al. 1984

F-3280 <-- Rudakov O.L. INMI, VKM MF-590 <- ATCC, ATCC 10986. Received as: *Phialophora gougerotii*. Synonym *Phialophora gougerotii* (Matruchot

1910) Borelli 1955. (ATCC 10986). Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5)

Exophiala heteromorpha (Nannfeldt 1934) de Hoog et Haase 2003

F-704 Òype <-- INMI, VKM F-704 <- LWP. Received as: Trichosporium heteromorphum. Synonym: Trichosporium heteromorphum Nannfeldt 1934, Margarinomycetes heteromorpha (Nannfeldt 1934) Mangenot 1952, Phialophora heteromorpha (Nannfeldt 1934) C.J.K. Wang 1964, Exophiala jeanselmei (Langeron 1928) McGinnis et A.A. Padhye 1977 var. heteromorpha (Nannfeldt 1934) de Hoog 1977. (CBS 232.33; CDC B- 2823; MUCL 9894; NCMH 17). Ex: wood. Sweden. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5)

Exophiala lecanii-corni (Benedek et Specht 1933) Haase et de Hoog 1999

F-3573 <-- Lyalikova N.N. INMI. Received as: Exophiala jeanselmei var. lecanii-corni. Synonym: Exophiala jeanselmei (Langeron 1928) McGinnis et A.A. Padhye 1977 var. lecanii-corni (Benedek et Specht 1933) de Hoog 1977. Ex: architectural monument. St.-Petersburg. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Exophiala moniliae de Hoog 1977

F-3574 <-- Lyalikova N.N. INMI. Received as: Exophiala moniliae. Ex: architectural monument. St.-Petersburg. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Exophiala salmonis J.W. Carmichael 1966

F-3000 Isotype <-- CMI, IMI 124165. Received as: Exophiala salmonis. (ATCC 16986; CBS 157.67; IHEM 3405; IMI 124165; MUCL 10078; UAMH 34). Ex: Onchorhynchus clarkii, brain. Alta. Canada. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([882](#))

Exophiala xenobiotica de Hoog et al. 2006

F-4754 <-- VKM IBPM, VKM FW-3267. Received as: Exophiala xenobiotica. Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. Risk group: 4. (Medium [9](#), 25°C, C-8, F-1, S-5)

Exserohilum pedicellatum (A.W. Henry 1924) K.J. Leonard et Suggs 1974

F-1282 <-- INMI, VKM F-1282 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3370. Received as: Helminthosporium turcicum Pass. 1876. Synonym: Drechslera pedicellata (A.W. Henry 1924) Subramanian et B.L. Jain 1966. Ex: soil. Donetsk Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([2171](#))

Farlowiella carmichaeliana (Berkeley 1836) Saccardo 1891

F-2709 <-- Rudakov O.L. INMI, VKM MF-81. Received as: Monotospora pumilum. Synonym: Monotospora pumila (Massee 1885) Saccardo 1886. (ATCC 36810; VKM MF-81; CBS 575.78). Ex: fungus, Alternaria alternata.

Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5).

Farrowia seminuda (L.M. Ames 1949) D. Hawksworth 1975

F-2172 <-- Bilanenko E.N. DMA MSU, 3/10L. Received as: Chaetomium seminudum. Synonym: Chaetomium seminudum L.M.Ames 1949. Ex: soil, zheltzem. Lankaran. Azerbaijan. Risk group: no. (Medium [13](#), 25°C, D-4, F-1, S-5). ([6766](#), [8258](#))

Fennellomyces linderi (Hesseltine et Fennell 1955) Benny et R.K. Benjamin 1975

F-1220 Òype <-- INMI, VKM F-1220 <- ATCC, ATCC 11744. Received as: Circinella linderi. Synonym: Circinella linderi Hesseltine et Fennell 1955. MT+. (ATCC 11744; BCRC 31716; CBS 158.54; DSM 3575; IFO 6409; IHEM 4110; IMI 208237; LCP 55.607; NBRC 6409; NRRL 2342; QM 672; RSA 1016). Ex: poplin. Florida. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([457](#), [547](#), [1307](#), [2733](#), [4028](#))

Fibroporia vaillantii (de Candolle 1815) Parmasto 1968

F-718 <-- INMI, VKM F-718 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: Poria vaillantii (de Candolle 1815) Cooke 1886. Synonym: Poria vaillantii (de Candolle 1815) Cooke 1886. Ex: wood, Pinus **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Flammulina velutipes (Curtis 1782) Singer 1951

F-1996 <-- INMI, VKM F-1996 <- Mori Mushroom Research Institute, Japan. Received as: Flammulina velutipes (Curtis 1782) Singer 1951. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Flammulina velutipes (Curtis 1782) Singer 1951

F-2950 <-- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0671 <- Drozdova T.N., V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: Flammulina velutipes (Curtis 1777) Singer 1951. (LEBIN 0671). Ex: fruitbody on Acer platanoides. St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([6766](#), [8258](#))

Fomes fomentarius (Linnaeus 1753) J.J. Kickx 1867

F-125 <-- INMI, VKM F-125 <- Radopolo A.K. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: Fomes fomentarius (Linnaeus 1753) J.J. Kickx 1867. Ex: fruitbody on Betula **sp.** Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([1490](#), [1521](#), [6766](#), [8258](#))

Fomes fomentarius (Linnaeus 1753) J.J. Kickx 1867

F-3202 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 19. Received as: Fomes fomentarius (Linnaeus 1753) J.J. Kickx 1867. Ex: fruitbody on Populus tremula. Kurgan Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([2090](#),

[4117](#), [8258](#))

Fomes fomentarius (Linnaeus 1753) J.J. Kickx 1867

F-3203 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 20. Received as: *Fomes fomentarius* (Linnaeus 1753) J.J. Kickx 1867. Ex: fruitbody on *Betula* **sp.** Kurgan Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Fomitopsis pinicola (Swartz 1810) P. Karsten 1881

F-1084 <-- INMI, VKM F-1084 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Fomes marginatus* (Persoon 1794) Gillet 1878. Synonym: *Fomes marginatus* (Persoon 1794) Gillet 1878. Ex: wood, *Betula* **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Fomitopsis pinicola (Swartz 1810) P. Karsten 1881

F-1454 <-- INMI, VKM F-1454 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Fomes pinicola* (Swartz 1810) Fries 1849. Synonym *Fomes pinicola* (Swartz 1810) Fries 1849. Ex: fruitbody on *Pinus* **sp.** Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([1490](#))

Fomitopsis pinicola (Swartz 1810) P. Karsten 1881

F-3204 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 14. Received as: *Fomitopsis pinicola* (Swartz 1810) P. Karsten 1881. Ex: fruitbody on *Pinus* **sp.** Kurgan Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5)

Fomitopsis pinicola (Swartz 1810) P. Karsten 1881

F-3205 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 32-17. Received as: *Fomitopsis pinicola* (Swartz 1810) P. Karsten 1881. Ex: fruitbody on *Populus tremula* windfall. Leningrad Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5)

Fomitopsis pinicola (Swartz 1810) P. Karsten 1881

F-3206 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 24-82. Received as: *Fomitopsis pinicola* (Swartz 1810) P. Karsten 1881. Ex: fruitbody on dry *Picea* **sp.** Smolensk Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5)

Fomitopsis pinicola (Swartz 1810) P. Karsten 1881

F-4741 <-- VKM IBPM, VKM FW-3232. Received as: *Fomitopsis pinicola*. Ex: soil from tracked vehicle road rut, Oasis Scientific Station, soil pit LA56-Bn-03, depth 0–0,05 m. Bunge Oasis, Wilkes Land, Antarctica. DNA sequences: MF120199. Risk group: no. (Medium [9](#), 25°C, C-11, S-5)

Fomitopsis rosea (Albertini et Schweinitz 1805) P. Karsten 1881

F-714 <-- INMI, VKM F-714 <- The Central scientific research institute of wood

processing, Arkhangelsk, Russia. Received as: *Fomes roseus*. Synonym: *Fomes roseus* (Albertini et Schweinitz 1805) Cooke 1885. Ex: house wooden beam. Stavropol Territory, Teberda. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Fonsecaea pedrosoi (Brumpt 1922) Negroni 1936

F-106 <-- INMI, VKM F-106 <- CBS, CBS 269.37. Received as: *Botrytoides monophora*. Synonym: *Botrytoides monophora* Moore et Almeida 1936 Type strain, *Rhinocladiella pedrosoi* (Brumpt 1922) Schol-Schwarz 1968. (CBS 269.37). Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Fulvia fulva (Cooke 1883) Ciferri 1954

F-1392 <-- INMI, VKM F-1392 <- Kamyschko O.P. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia. Received as: *Cladosporium fulvum*. Synonym: *Cladosporium fulvum* Cooke 1883, *Passalora fulva* (Cooke 1883) U. Braun et Crous 2003. Risk group: no. (Medium [11](#), 25°C, C-8, S-5). ([1365](#), [7351](#))

Fulvia fulva (Cooke 1883) Ciferri 1954

F-1437 <-- INMI, VKM F-1437 <- VIZR. Received as: *Cladosporium fulvum*. Synonym *Cladosporium fulvum* Cooke 1883, *Passalora fulva* (Cooke 1883) U. Braun et Crous 2003. Ex: *Lycopersicon esculentum*, leaf. Hothouse. USSR. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, F-1, S-5). ([7351](#))

Fulvia fulva (Cooke 1883) Ciferri 1954

F-3053 <-- CBS, CBS 120.46. Received as: *Cladosporium fulvum*. Synonym *Cladosporium fulvum* Cooke 1883, *Passalora fulva* (Cooke 1883) U. Braun et Crous 2003. (CBS 120.46). Ex: *Lycopersicon esculentum*, fruit. Switzerland. Risk group: no. (Medium [11](#), 25°C, C-1, S-5). ([7459](#))

Fusarium aquaeductuum (Rabenhorst et Radlkofer 1861) Lagerheim et Rabenhorst 1891

F-1124 <-- INMI, VKM F-1124 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 146. Received as: *Fusarium aquaeductuum*. Ex: Baker yeast. Kharkov. Ukraine. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5).

Fusarium aquaeductuum (Rabenhorst et Radlkofer 1861) Lagerheim et Rabenhorst 1891

F-3992 <-- Aleksandrova A.V. DMA MSU, 5. Received as: *Fusarium aquaeductuum*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium arthrosporioides Sherbakoff 1915

F-2302 <-- IBPM, IBPM F-128 <- DMA MSU. Received as: *Fusarium arthrosporioides*. Other name: *Fusarium avenaceum* (Fries 1832) Saccardo 1886 var. *anguioides* (Sherbakoff 1915) Bilai 1955. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, S-5). ([1790](#), [5914](#))

Fusarium avenaceum (Fries 1832) Saccardo 1886

F-132 <-- INMI, VKM F-132 <- CMI, IMI 49895. Received as: *Fusarium avenaceum*. State: tm - *Gibberella avenacea* R.J. Cook 1967. (IMI 49895). Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2232](#), [5007](#), [5193](#), [5470](#), [5603](#), [5907](#), [6372](#), [7541](#), [7843](#), [8252](#))

Fusarium avenaceum (Fries 1832) Saccardo 1886

F-843 <-- INMI, VKM F-843 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52209. Received as: *Fusarium avenaceum*. State: tm - *Gibberella avenacea* R.J. Cook 1967. Ex: pine seedling rhizosphere, *Pinus sp.* Sakhalin Island. Dolinsk. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([5134](#), [5604](#))

Fusarium avenaceum (Fries 1832) Saccardo 1886

F-1178 <-- INMI, VKM F-1178 <- EAN, EAN 59(241). Received as: *Fusarium avenaceum*. State: tm - *Gibberella avenacea* R.J. Cook 1967. Ex: *Pseudotsuga sp.* Portugal. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1)

Fusarium avenaceum (Fries 1832) Saccardo 1886 var. *herbarum* (Corda 1839) Saccardo 1886

F-2307 <-- IBPM, IBPM F-113 <- DMA MSU. Received as: *Fusarium graminum*. Synonym *Fusarium graminum* Corda 1839. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([6319](#))

Fusarium chlamydosporum Wollenweber et Reinking 1925 var. *chlamydosporum*

F-3945 <-- Sazykina M.A. Azov Scientific Research Institute of the Fishing Industry, Rostov-na-Donu, Russia, 3. Received as: *Fusarium chlamydosporum* var. *chlamydosporum*. Ex: *Acipenser gueldenstaedti*, skin. Grivensky sturgeon-breeding factory. Krasnodar Territory, Kalinin District, Grivenskaya. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium culmorum (W.G. Smith 1884) Saccardo 1895

F-844 <-- INMI, VKM F-844 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52241. Received as: *Fusarium culmorum*. Ex: *Zea mays*, stem. Dnepropetrovsk Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([9006](#), [9005](#), [1198](#), [4346](#), [5007](#), [5174](#), [5470](#), [5603](#), [5714](#), [5741](#), [5907](#), [6319](#), [6372](#), [6472](#), [7541](#), [7974](#), [7777](#), [7843](#), [7939](#), [8943](#))

Fusarium culmorum (W.G. Smith 1884) Saccardo 1895

F-1017 <-- INMI, VKM F-1017 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2684. Received as: *Fusarium culmorum*. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Fusarium culmorum (W.G. Smith 1884) Saccardo 1895

F-2303 <-- IBPM, IBPM F-380 <- Siberian Branch of RAS, Russia. Received as: *Fusarium culmorum*. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([5109](#), [5378](#), [5604](#), [7444](#), [9131](#))

Fusarium decemcellulare Brick 1908

F-832 <-- INMI, VKM F-832 <- MW. Received as: *Fusarium decemcellulare*. State: tm - *Albonectria rigidiuscula* (Berkeley et Broome 1875) Rossman et Samuels 1999. Germany. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1)

Fusarium decemcellulare Brick 1908

F-1179 <-- INMI, VKM F-1179 <- EAN, EAN 61(356). Received as: *Fusarium decemcellulare*. State: tm - *Albonectria rigidiuscula* (Berkeley et Broome 1875) Rossman et Samuels 1999. Ex: *Coffea robusta*. Portugal. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([958](#), [1108](#), [2073](#), [2923](#), [4065](#), [4068](#), [4069](#), [4071](#), [7044](#), [8007](#), [8259](#), [8260](#))

Fusarium epistroma (Hoehnel 1909) C. Booth 1971

F-2722 <-- Rudakov O.L. INMI, VKM MF-112. Received as: *Fusarium epistromum*. Ex: fungus, *Fistulina hepatica*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Fusarium epistroma (Hoehnel 1909) C. Booth 1971

F-2769 <-- Rudakov O.L. INMI, VKM MF-248. Received as: *Fusarium epistromum*. Ex: fungus, *Septoria sp.* Republic of Moldova. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Fusarium equiseti (Corda 1838) Saccardo 1886

F-141 <-- INMI, VKM F-141 <- CMI, IMI 45490. Received as: *Fusarium scirpi*. Synonym: *Fusarium gibbosum* Appel et Wollenweber 1910. State: tm - *Gibberella intricans* Wollenweber 1930. Other name: *Fusarium scirpi* Lambotte et Fautrey 1894. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Fusarium equiseti (Corda 1838) Saccardo 1886

F-848 <-- INMI, VKM F-848 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51130. Received as: *Fusarium gibbosum*. Synonym *Fusarium gibbosum* Appel et Wollenweber 1910 emend. Bilai 1955. State: tm- *Gibberella intricans* Wollenweber 1930. Ex: *Zea mays*, corn-cob. Kherson Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([9005](#), [5007](#), [5470](#), [5603](#), [5907](#), [6372](#), [7541](#), [7843](#), [8943](#), [8937](#))

Fusarium equiseti (Corda 1838) Saccardo 1886

F-2305 <-- IBPM, IBPM F-125 <- VIZR, 989. Received as: *Fusarium gibbosum*. Synonym *Fusarium gibbosum* Appel et Wollenweber 1910 emend. Bilai 1955. State: tm- *Gibberella intricans* Wollenweber 1930. Ex: *Panicum miliaceum*, root. Cherkassy Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([1790](#))

Fusarium equiseti (Corda 1838) Saccardo 1886

F-3549 <-- Egorova A.V., Velikanov L.L. DMA MSU, 66. Received as: *Fusarium gibbosum*. Synonym *Fusarium gibbosum* Appel et Wollenweber 1910 emend. Bilai 1955. State: tm- *Gibberella intricans* Wollenweber 1930. Ex: sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk

group: 4. (Medium [11](#), 25°C, C-8, S-5)

Fusarium expansum Schlechtendal 1824

F-2809 <-- Rudakov O.L. INMI, VKM MF-404. Received as: *Fusarium expansum*. Ex: fungus, *Inonotus radiatus*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Fusarium fujikuroi Nirenberg 1976

F-136 <-- INMI, VKM F-136 <- CMI, IMI 58290. Received as: *Fusarium moniliforme*. State: tm - *Gibberella fujikuroi* (Sawada 1919) Ito apud Ito et Kimura 1931. Other name: *Fusarium proliferatum* (Matsushima 1971) Nirenberg ex Gerlach et Nirenberg 1976 var. *proliferatum*; *Fusarium moniliforme* Sheldon 1904 sensu Wollenweber et Reinking 1935 (pro parte). (ATCC 12616; BRL 917; CBS 183.29; DSM 893; IMI 58290). Ex: *Oryza sativa*, stem. Japan. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1812](#), [3186](#), [3190](#), [3213](#), [3291](#), [4314](#), [4648](#), [5109](#), [5378](#), [5604](#), [6067](#), [6222](#), [6645](#), [7786](#), [7766](#), [7798](#), [7799](#), [7819](#))

Fusarium graminearum Schwabe 1839

F-1668 <-- INMI, VKM F-1668 <- Joint-Stock Company Research Institute of Synthetic Fiber with the Pilot Plant, Tver, Russia, 60. Received as: *Fusarium graminearum*. State: tm - *Gibberella zeae* (Schweinitz 1832) Petch 1936. Ex: rye forage, *Secale cereale*. Volgograd Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([9005](#), [1198](#), [2232](#), [4346](#), [5007](#), [5470](#), [5603](#), [5622](#), [5907](#), [5914](#), [5933](#), [6319](#), [6372](#), [6472](#), [7541](#), [7444](#), [7788](#), [7843](#), [8943](#), [8937](#))

Fusarium graminearum Schwabe 1839

F-1669 <-- INMI, VKM F-1669 <- Joint-Stock Company Research Institute of Synthetic Fiber with the Pilot Plant, Tver, Russia, 10. Received as: *Fusarium graminearum*. State: tm - *Gibberella zeae* (Schweinitz 1832) Petch 1936. Ex: *Zea mays*, grain. Minnesota. USA. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, S-5). ([1198](#), [4117](#))

Fusarium graminearum Schwabe 1839

F-2306 <-- IBPM, IBPM F-115 <- DMA MSU. Received as: *Fusarium graminearum*. State: tm - *Gibberella zeae* (Schweinitz 1832) Petch 1936. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1). ([4567](#), [5187](#), [5436](#), [5604](#))

Fusarium heterosporum Nees et T. Nees 1818

F-133 <-- INMI, VKM F-133 <- CMI, IMI 96239. Received as: *Fusarium heterosporum*. State: tm - *Gibberella gordonii* C. Booth 1971. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([6821](#))

Fusarium incarnatum (Roberge 1849) Saccardo 1886

F-1938 <-- INMI, VKM F-1938 <- IBPM, IBPM F-123. Received as: *Fusarium semitectum*. Synonym: *Fusarium semitectum* Berkeley et Ravenel 1938. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, S-5). ([4346](#), [5007](#), [5603](#),

[5604](#), [5907](#), [6372](#), [7541](#), [7843](#))

Fusarium incarnatum (Roberge 1849) Saccardo 1886

F-2681 <-- Rudakov O.L. INMI, VKM MF-29. Received as: *Fusarium semitectum*.
Synonym *Fusarium semitectum* Berkeley et Ravenel 1938. Ex: fungus,
Blumeria graminis. Moscow Region. Russia. Risk group: 4. (Medium [11](#),
25°C, C-1, D-4, F-1, S-5)

Fusarium javanicum Koorders 1907

F-134 <-- INMI, VKM F-134 <- CMI, IMI 29817. Received as: *Fusarium*
javanicum. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1)

Fusarium javanicum Koorders 1907

F-712 <-- INMI, VKM F-712 <- LWP. Received as: *Fusarium javanicum*. Ex: pine
lumber. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-
4, F-1, S-5)

Fusarium lateritium Nees 1816

F-822 <-- INMI, VKM F-822 <- DMA MSU <- CMI. Received as: *Fusarium*
lateritium. State: tm - *Gibberella baccata* (Wallroth 1833) Saccardo 1878.
Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, S-5)

Fusarium lateritium Nees 1816

F-1180 <-- INMI, VKM F-1180 <- EAN, EAN 62(244) <- Institute of Botany,
University of Caen, Caen, France. Received as: *Fusarium lateritium*. State:
tm - *Gibberella baccata* (Wallroth 1833) Saccardo 1878. Portugal. Risk
group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium lateritium Nees 1816

F-2308 <-- IBPM, IBPM F-112 <- DMA MSU. Received as: *Fusarium lateritium*.
State: tm - *Gibberella baccata* (Wallroth 1833) Saccardo 1878. Russia. Risk
group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1790](#), [5604](#))

Fusarium lateritium Nees 1816

F-2811 <-- Rudakov O.L. INMI, VKM MF-410. Received as: *Cylindrocarpon*
stilbophilum (Corda 1838) Rudakov 1981. Ex: fungus, *Sepedonium*
macrosporum. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C,
D-4, F-1, S-5). ([3068](#))

Fusarium lateritium Nees 1816

F-4021 <-- Aleksandrova A.V. DMA MSU, 8. Received as: *Fusarium lateritium*.
State: tm - *Gibberella baccata* (Wallroth 1833) Saccardo 1878. Ex: wood,
decaying fastening beam. Deserted quarry, Volga River, right bank. Tver
Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#),
25°C, C-8, F-1, S-5)

Fusarium merismoides Corda 1838

F-1181 <-- INMI, VKM F-1181 <- EAN, EAN 63(245). Received as: *Fusarium*
merismoides. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1). ([5604](#))

Fusarium merismoides Corda 1838

F-2310 <-- IBPM, IBPM F-132 <- DMA MSU. Received as: *Fusarium merismoides*. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([8090](#), [1790](#), [5109](#), [5378](#), [5604](#))

Fusarium merismoides Corda 1838 var. *merismoides*

F-3993 <-- Aleksandrova A.V. DMA MSU, 6. Received as: *Fusarium merismoides*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([5604](#))

Fusarium oxysporum Schlechtendal 1824

F-137 <-- INMI, VKM F-137 <- CMI, IMI 68681. Received as: *Fusarium oxysporum*. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([9006](#), [9005](#), [2232](#), [2913](#), [3959](#), [4169](#), [4346](#), [5007](#), [5182](#), [5370](#), [5470](#), [5603](#), [5907](#), [6207](#), [6143](#), [6183](#), [7541](#), [7777](#), [7843](#), [7948](#), [9131](#), [8943](#), [8930](#), [8937](#))

Fusarium oxysporum Schlechtendal 1824

F-845 <-- INMI, VKM F-845 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2924. Received as: *Fusarium oxysporum* var. *orthoceras*. Synonym *Fusarium oxysporum* Schlechtendal 1824 var. *orthoceras* (Appel et Wollenweber 1910) Bilai 1955. Ex: *Zea mays*, stem. Kherson Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([2232](#), [5514](#), [5604](#))

Fusarium oxysporum Schlechtendal 1824

F-931 <-- INMI, VKM F-931 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 445. Received as: *Fusarium bulbigenum*. Synonym *Fusarium bulbigenum* Cooke et Masee 1887. Ex: butter. Kharkov. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([5378](#), [5604](#))

Fusarium oxysporum Schlechtendal 1824

F-1182 <-- INMI, VKM F-1182 <- EAN, EAN 65(247). Received as: *Fusarium oxysporum*. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1). ([5348](#), [5420](#), [6916](#), [8257](#))

Fusarium oxysporum Schlechtendal 1824

F-2313 <-- IBPM, IBPM F-120 <- VIZR, 1021. Received as: *Fusarium oxysporum*. Ex: *Vicia faba*. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Fusarium oxysporum Schlechtendal 1824

F-2607 <-- IBPM, IBPM F-397 <- Bezborodov A.M. IBPM, 53382 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 53382. Received as: *Fusarium oxysporum*. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([8257](#))

Fusarium oxysporum Schlechtendal 1824

F-2761 <-- Rudakov O.L. INMI, VKM MF-216. Received as: *Fusarium oxysporum* var. *mycophilum*. Ex: fungus, *Phytophthora infestans*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Fusarium oxysporum Schlechtendal 1824 f.sp. *batatas* W.C. Snyder et H.N. Hansen 1940

- F-820 <-- INMI, VKM F-820 <- DMA MSU <- CMI. Received as: *Fusarium oxysporum* f.sp. Batatas. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)
- Fusarium oxysporum*** Schlechtendal 1824 f.sp. *conglutinans* W.C. Snyder et H.N. Hansen 1940
- F-2639 <-- All-Russian Research Institute of Vegetable Economy, Moscow Region, Russia, 3. Received as: *Fusarium oxysporum* f.sp. *conglutinans*. Ex: Brassica sp. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5)
- Fusarium oxysporum*** Schlechtendal 1824 f.sp. *conglutinans* W.C. Snyder et H.N. Hansen 1940
- F-2640 <-- Sukhanberdina E.Kh. Volgograd Experimental Station of N.I.Vavilov Research Institute of Plant Industry, Krasnoslobodsk, Volgograd Region, Russia. Received as: *Fusarium oxysporum* f.sp. *conglutinans*. Ex: Brassica sp. Volgograd Region, Krasnoslobodsk. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)
- Fusarium oxysporum*** Schlechtendal 1824 f.sp. *lycopersici* W.C. Snyder et H.N. Hansen 1940
- F-140 <-- INMI, VKM F-140 <- CMI, IMI 90473. Received as: *Fusarium oxysporum* f.sp. *Lycopersici*. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([2232](#), [4557](#), [5063](#), [5196](#), [5501](#), [5643](#), [5666](#), [5669](#), [5735](#), [5840](#), [6265](#), [6271](#), [6272](#), [7007](#), [7323](#), [7613](#), [7623](#), [7632](#), [7912](#), [8064](#))
- Fusarium oxysporum*** Schlechtendal 1824 f.sp. *lycopersici* W.C. Snyder et H.N. Hansen 1940
- F-840 <-- INMI, VKM F-840 <- MW. Received as: *Fusarium lycopersici* Bruschi 1912. Synonym *Fusarium lycopersici* Bruschi 1912. Germany. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)
- Fusarium oxysporum*** Schlechtendal 1824 f.sp. *vasinfectum* (G.F. Atkinson 1892) W.C. Snyder et H.N. Hansen 1940
- F-143 <-- INMI, VKM F-143 <- CMI, IMI 43528. Received as: *Fusarium vasinfectum*. Synonym *Fusarium vasinfectum* G.F. Atkinson 1892. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)
- Fusarium poae*** (Peck 1903) Wollenweber 1913
- F-846 <-- INMI, VKM F-846 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51136. Received as: *Fusarium sporotrichiella* var. *poae*. Synonym: *Fusarium sporotrichiella* Bilai 1955 var. *poae* (Peck 1903) Wollenweber 1913 emend. Bilai 1955. Ex: Cucumis melo. Republic of Moldova. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)
- Fusarium poae*** (Peck 1903) Wollenweber 1913
- F-1548 <-- INMI, VKM F-1548 <- Bilai V.I. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52213. Received as: *Fusarium sporotrichiella* var. *poae*. Synonym *Fusarium sporotrichiella* Bilai 1955 var. *poae* (Peck 1903) Wollenweber 1913 emend. Bilai 1955. Ex: Triticum sp., grain. Chernigov Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, S-5)
- Fusarium poae*** (Peck 1903) Wollenweber 1913

F-1606 <-- INMI, VKM F-1606 <- Bilai V.I. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51424. Received as: *Fusarium sporotrichiella* var. *poae*. Synonym *Fusarium sporotrichiella* Bilai 1955 var. *poae* (Peck 1903) Wollenweber 1913 emend. Bilai 1955. Ex: Gramineae, grain. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([6319](#))

Fusarium redolens Wollenweber 1913

F-3481 <-- Surkova T.A. All-Russian Williams Fodder Research Institute, Moscow Region, Russia, JM 412-2k. Received as: *Fusarium redolens*. Ex: *Medicago varia*, root collar. Moscow Region, Lugovaya. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([5378](#))

Fusarium redolens Wollenweber 1913

F-3482 <-- Surkova T.A. All-Russian Williams Fodder Research Institute, Moscow Region, Russia, JM 432-1k. Received as: *Fusarium redolens*. Ex: *Medicago varia*, root. Moscow Region, Lugovaya. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium redolens Wollenweber 1913

F-3495 <-- Polyanskaya L.M. DSB MSU, 8-2-22. Received as: *Fusarium redolens*. Ex: barley rhizosphere. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium sambucinum Fuckel 1863

F-842 <-- INMI, VKM F-842 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52048. Received as: *Fusarium sambucinum*. State: tm - *Gibberella pulicaris* (Fries 1823) Saccardo 1877. Ex: *Solanum tuberosum*. Kiev Region, Belaya Tserkov. Ukraine. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1). ([1435](#), [1459](#), [1683](#), [6110](#), [7541](#))

Fusarium sambucinum Fuckel 1863

F-2314 <-- IBPM, IBPM F-114 <- DMA MSU. Received as: *Fusarium sambucinum*. State: tm - *Gibberella pulicaris* (Fries 1823) Saccardo 1877. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Fusarium sambucinum Fuckel 1863

F-2610 <-- IBPM, IBPM F-402 <- Bezborodov A.M. IBPM, 52337 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52337. Received as: *Fusarium sambucinum*. State: tm - *Gibberella pulicaris* (Fries 1823) Saccardo 1877. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([543](#), [544](#), [4117](#), [4392](#), [4627](#), [4847](#))

Fusarium sambucinum Fuckel 1863

F-3966 <-- Legonkova O.A. DMA MSU, 7B. Received as: *Fusarium sambucinum*. State: tm - *Gibberella pulicaris* (Fries 1823) Saccardo 1877. Ex: ethylenevinil-acetate placed in agrogenic changed soddy-podzolic heavy loam soil.

Tula Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium sambucinum Fuckel 1863 var. *ossicola* (Berkeley et M.A.Curtis 1875) Bilai 1955

F-2304 <-- IBPM, IBPM F-133 <- DMA MSU. Received as: *Fusarium equiseti* subsp. *Ossicola*. Synonym *Fusarium equiseti* (Corda 1838) Saccardo 1886 subsp. *ossicola* (Berkeley et M.A.Curtis 1875) Raillo 1950. State: tm - *Gibberella pulicaris* (Fries 1823) Saccardo 1877. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5)

Fusarium sambucinum Fuckel 1863 var. *sambucinum*

F-4360 <-- Aleksandrova A.V. DMA MSU, 110. Received as: *Fusarium sambucinum* var. *sambucinum*. Ex: wood. Republic of Byriatia, Zaigraevsky District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Fusarium sarcochroum (Desmazieres 1850) Saccardo 1879

F-2315 <-- IBPM, IBPM F-126 <- DMA MSU. Received as: *Fusarium sarcochroum*. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1). ([1790](#), [5604](#))

Fusarium solani (Martius 1842) Saccardo 1881

F-142 <-- INMI, VKM F-142 <- CMI, IMI 91980. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([9005](#), [971](#), [978](#), [1138](#), [2232](#), [4346](#), [5007](#), [5174](#), [5456](#), [5500](#), [5603](#), [5604](#), [5626](#), [5741](#), [5907](#), [6372](#), [6382](#), [6488](#), [7541](#), [7743](#), [7876](#), [8257](#), [9131](#), [8943](#), [8937](#), [9002](#))

Fusarium solani (Martius 1842) Saccardo 1881

F-723 <-- INMI, VKM F-723 <- DSB MSU. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5)

Fusarium solani (Martius 1842) Saccardo 1881

F-819 <-- INMI, VKM F-819 <- DMA MSU <- CMI. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5). ([5420](#), [7078](#), [7510](#), [8504](#), [8212](#))

Fusarium solani (Martius 1842) Saccardo 1881

F-847 <-- INMI, VKM F-847 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 5167. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Ex: cotton-plant rhizosphere, *Gossypium* sp. Kherson Region, Skadovsk. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([5736](#))

Fusarium solani (Martius 1842) Saccardo 1881

F-2316 <-- IBPM, IBPM F-121 <- VIZR, 1018. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Ex: *Solanum tuberosum*. Risk group: 4.

(Medium [11](#), 25°C, F-1). ([5378](#), [5604](#), [7952](#), [8002](#), [9091](#))

Fusarium solani (Martius 1842) Saccardo 1881

F-3951 <-- Legonkova O.A. DMA MSU, 2D. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Ex: polyamide-6,6,10, placed in agrochanged soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium solani (Martius 1842) Saccardo 1881

F-3953 <-- Legonkova O.A. DMA MSU, 5V. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Ex: polyvinyl alcohol placed in agrochanged soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5)

Fusarium solani (Martius 1842) Saccardo 1881

F-3956 <-- Legonkova O.A. DMA MSU, 2G. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Ex: ethylene-vinyl-acetate placed in agrogenic changed soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium solani (Martius 1842) Saccardo 1881

F-3957 <-- Legonkova O.A. DMA MSU, 5B (2). Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Ex: thermoplastic polyurethane, placed in agrogenic changed soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5)

Fusarium solani (Martius 1842) Saccardo 1881

F-3960 <-- Legonkova O.A. DMA MSU, 7D. Received as: *Fusarium solani*. State: tm - *Haematonectria haematococca* var. *haematococca* (Berkeley et Broome 1875) Samuels et Rossman 1999. Ex: Polymer Lentex placed in cultivated soddy-podzolic middle loam soil. Tula Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Fusarium sporotrichioides Sherbakoff 1915

F-1600 <-- INMI, VKM F-1600 <- Bilai V.I. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1786. Received as: *Fusarium sporotrichiella*. Synonym: *Fusarium sporotrichiella* Bilai 1955. (VKM F-1605). Ex: *Triticum sp.* Kiev Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2232](#), [4567](#), [6915](#), [7331](#), [7374](#), [7376](#), [8876](#))

Fusarium sporotrichioides Sherbakoff 1915

F-1667 <-- INMI, VKM F-1667 <- Joint-Stock Company Research Institute of Synthetic Fiber with the Pilot Plant, Tver, Russia, 5750/88. Received as: *Fusarium sporotrichiella*. Synonym *Fusarium sporotrichiella* Bilai 1955. Ex: *Triticum sp.*, grain. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([6319](#))

Fusarium sporotrichioides Sherbakoff 1915

F-2317 <-- IBPM, IBPM F-110 <- DMA MSU. Received as: *Fusarium sporotrichiella*. Synonym *Fusarium sporotrichiella* Bilai 1955. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1). ([5604](#))

Fusarium sporotrichioides Sherbakoff 1915 var. *sporotrichioides*

F-815 <-- INMI, VKM F-815 <- DMA MSU. Received as: *Fusarium sporotrichiella* var. *sporotrichoides*. Synonym *Fusarium sporotrichiella* Bilai 1955 var. *sporotrichoides* (Sherbakoff 1915) Bilai 1955. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([4346](#))

Fusarium sporotrichioides Sherbakoff 1915 var. *sporotrichioides*

F-1607 <-- INMI, VKM F-1607 <- Bilai V.I. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52608. Received as: *Fusarium sporotrichiella* var. *sporotrichoides*. Synonym *Fusarium sporotrichiella* Bilai 1955 var. *sporotrichioides* (Sherbakoff 1915) Bilai 1955. Ex: mixed feed. Bryansk Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Fusarium tricinctum (Corda 1838) Saccardo 1886

F-825 <-- INMI, VKM F-825 <- DMA MSU. Received as: *Fusarium tricinctum*. Synonym: *Fusarium sporotrichiella* Bilai 1955 var. *tricinctum* (Corda 1838) Bilai 1955. State: tm - *Gibberella tricincta* El-Gholl, McRitchie, Schoulties et Ridings 1978. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Fusarium tricinctum (Corda 1838) Saccardo 1886

F-1242 <-- INMI, VKM F-1242 <- DMA MSU. Received as: *Fusarium sporotrichioides* var. *tricinctum*. Synonym *Fusarium sporotrichioides* Sherbakoff 1915 var. *tricinctum* (Corda 1838) Raillo 1950, *Fusarium sporotrichiella* Bilai 1955 var. *tricinctum* (Corda 1838) Bilai 1955. State: tm - *Gibberella tricincta* El-Gholl, McRitchie, Schoulties et Ridings 1978. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Fusarium tricinctum (Corda 1838) Saccardo 1886

F-2318 <-- IBPM, IBPM F-109 <- DMA MSU. Received as: *Fusarium sporotrichioides* var. *tricinctum*. Synonym *Fusarium sporotrichioides* Sherbakoff 1915 var. *tricinctum* (Corda 1838) Raillo 1950, *Fusarium sporotrichiella* Bilai 1955 var. *tricinctum* (Corda 1838) Bilai 1955. State: tm - *Gibberella tricincta* El-Gholl, McRitchie, Schoulties et Ridings 1978. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Fusarium tricinctum (Corda 1838) Saccardo 1886

F-2319 <-- IBPM, IBPM F-127 <- DMA MSU. Received as: *Fusarium tricinctum*.

Synonym *Fusarium sporotrichiella* Bilai 1955 var. *tricinctum* (Corda 1838) Bilai 1955. State: tm - *Gibberella tricincta* El-Gholl, McRitchie, Schoulties et Ridings 1978. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1790](#))

Fusarium ventricosum Appel et Wollenweber 1913

F-841 <-- INMI, VKM F-841 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 5162. Received as: *Fusarium solani* var. *argillaceum*. Synonym: *Fusarium solani* (Martius 1842) Saccardo 1881 var. *argillaceum* (Fries 1832) Bilai 1977. State: tm - *Nectria ventricosa* C. Booth 1971. Ex: cotton-plant rhizosphere, *Gossypium* **sp.** Kherson Region, Skadovsk. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Fusarium ventricosum Appel et Wollenweber 1913

F-1021 <-- INMI, VKM F-1021 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 21150-7. Received as: *Fusarium solani* var. *argillaceum*. Synonym *Fusarium solani* (Martius 1842) Saccardo 1881 var. *argillaceum* (Fries 1832) Bilai 1977. State: tm - *Nectria ventricosa* C. Booth 1971. Ex: soil. Lvov Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([2112](#), [2178](#))

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-670 <-- INMI, VKM F-670 <- Ulyanova O.M. INMI, **sp.1.** Received as: *Fusarium moniliforme*. Synonym: *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Ex: *Vitis vinifera*, affected vine. Middle Asia. USSR. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([4346](#), [5109](#), [5191](#), [5378](#), [5604](#), [6382](#), [7876](#), [9131](#))

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-671 <-- INMI, VKM F-671 <- Ulyanova O.M. INMI, pg-7 <- Shklyar M.S. All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([5907](#), [7541](#))

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-672 <-- INMI, VKM F-672 <- Ulyanova O.M. INMI, P <- Krassilnikov N.A. INMI <--Romania. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Rumania. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-673 <-- INMI, VKM F-673 <- Ulyanova O.M. INMI <- Krassilnikov N.A. INMI <--Hungary. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Hungary. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-

1, S-5)

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-674 <-- INMI, VKM F-674 <- Ulyanova O.M. INMI <-- Krassilnikov N.A. INMI. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. USA. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-814 <-- INMI, VKM F-814 <- Sizova T.P. DMA MSU. Received as: *Gliocladium vermoeseni* (Biourge 1923) Thom 1930. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Ex: *Areca sp.*, trunk. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([3966](#))

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-821 <-- INMI, VKM F-821 <- DMA MSU <- CMI. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-1004 <-- INMI, VKM F-1004 <- Ulyanova O.M. INMI, KR <- Museum of Live Cultures, Pekin, China. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. China. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-1013 <-- INMI, VKM F-1013 <- Ulyanova O.M. INMI <- England, Brian. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. England. UK. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-1980 <-- INMI, VKM F-1980 <- Czechoslovakia, 4x. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Ex: *Cucumis sativus*, root collar. Czechoslovakia. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([7952](#), [8002](#))

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-2311 <-- IBPM, IBPM F-129 <- DMA MSU. Received as: *Fusarium moniliforme*. Synonym *Fusarium moniliforme* J.Sheldon 1904. State: tm - *Gibberella fujikuroi* (Sawada 1919) Wollenweber 1931. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5)

Fusarium verticillioides (Saccardo 1881) Nirenberg 1976

F-2347 <-- IBPM, IBPM F-136 <- VIZR, VIZR-21-a. Received as: *Oospora verticilloides*. Synonym *Oospora verticilloides* Saccardo 1882. State: tm -

Gibberella fujikuroi (Sawada 1919) Wollenweber 1931. Ex: *Zea mays*, corn-cob. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5)

Fusicladium peltigericola Crous et Diederich 2010

F-4740 <-- VKM IBPM, VKM FW-3226. Received as: *Fusicladium peltigericola*. Ex: soil from uppermost organomineral horizon (a thin moss cushion), Progress-2 Station, soil pit LA55-Pr-02, depth 0-0,02 m. Larsemann Hills, Mac. Robertson Land, Antarctica. DNA sequences: MF494608. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Fusicoccum castaneum Saccardo 1882

F-3894 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-2. Received as: *Discella castanea*. Synonym: *Discella castanea* (Saccardo 1882) Arx 1970. Ex: *Castanea saliva*, living plant shoot. Zonguldak Province. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Gabarnaudia betae (Delacroix 1897) Samson et W. Gams 1974

F-2449 <-- Milko A.A. IBIW, 30. Received as: *Gabarnaudia betae*. Ex: *Typha angustifolia*, decaying leaf. Uglich Reservoir. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Gabarnaudia betae (Delacroix 1897) Samson et W. Gams 1974

F-2514 <-- Milko A.A. IBIW, 1460. Received as: *Gabarnaudia betae*. Ex: *Typha latifolia*. Ivankovsky Reservoir. Tver Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5)

Gabarnaudia betae (Delacroix 1897) Samson et W. Gams 1974

F-2541 <-- Milko A.A. IBIW, 4962. Received as: *Gabarnaudia betae*. Ex: *Typha sp.* Uglich Reservoir. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Gaeumannomyces caricis J. Walker 1980

F-2511 <-- IBIW, 648. Received as: *Gaeumannomyces caricis*. Ex: *Carex sp.* Pond. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, S-4, S-5).

Galactomyces geotrichum (E.E. Butler et L.J. Petersen 1972) Redhead et Malloch 1977

F-2925 <-- VKM IBPM, VKM Y-1603 <- CCY, CCY 42-8-1. Received as: *Endomyces lactis*. Synonym: *Endomyces geotrichum* E.E. Butler et L.J. Petersen 1972. (BUCZAC 212/2; CBS 178.53; CCY 42-8-1). Germany. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([994](#), [1054](#))

Galactomyces geotrichum (E.E. Butler et L.J. Petersen 1972) Redhead et Malloch 1977

F-2927 <-- Golubev V.I. VKM IBPM, VKM Y-2322 <- IBPM, IBPM F-210. Received as: *Endomyces geotrichum*. Synonym *Endomyces geotrichum* E.E. Butler et L.J. Petersen 1972. Ex: soil. Pamir Mountains. USSR. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([6096](#))

Galactomyces geotrichum (E.E. Butler et L.J. Petersen 1972) Redhead et Malloch 1977

F-2931 <-- VKM IBPM, VKM Y-1614 <- CCY, CCY 16-1-1. Received as: *Oospora lactis*. Synonym *Endomyces geotrichum* E.E. Butler et L.J. Petersen 1972. (CCY 16-1-1). Czechoslovakia. Risk group: no. (Medium [13](#), 25°C, C-5, D-

4, F-1, S-5)

Galactomyces reessii (van der Walt 1959) Redhead et Malloch 1977

F-2923 Òype <-- VKM IBPM, VKM Y-119 <- van der Walt, y71. Received as: *Endomyces reessii*. Synonym: *Endomyces reessii* van der Walt 1959 Type strain. (CBS 179.60; JCM 1943; MUCL 14512). Ex: *Hibiscus cannabinus*, decaying in water. Indonesia. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([1013](#))

Ganoderma lipsiense (Batsch 1786) G.F. Atkinson 1908

F-717 <-- INMI, VKM F-717 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Ganoderma applanatum* (Persoon 1800) Patouillard 1887. Synonym: *Ganoderma applanatum* (Persoon 1800) Patouillard 1887. Ex: fruitbody on *Fagus sp.* Zakarpattya Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4742](#))

Ganoderma lipsiense (Batsch 1786) G.F. Atkinson 1908

F-3208 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 28. Received as: *Ganoderma applanatum* (Persoon 1799) Patouillard 1887. Synonym *Ganoderma applanatum* (Persoon 1800) Patouillard 1887. Ex: fruitbody on *Betula sp.* Sverdlovsk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Ganoderma lipsiense (Batsch 1786) G.F. Atkinson 1908

F-3209 <-- Petrov A.N. Institute of plant physiology and biochemistry, Siberian Branch of RAS, Irkutsk, Russia, H33. Received as: *Ganoderma applanatum* (Persoon 1799) Patouillard 1887. Synonym *Ganoderma applanatum* (Persoon 1800) Patouillard 1887. Ex: fruitbody on *Ulmus sp.* Windfall. Ussuriysk State Biosphere Reserve. Primorsky Territory, Ussuriysk District. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Ganoderma lucidum (Curtis 1781) P. Karsten 1881

F-3881 <-- M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-921 <- State research institution “Institute of Microbiology, National Academy of Sciences, Belarus”, Minsk, Belarus. Received as: *Ganoderma lucidum* (Curtis 1781) P. Karsten 1881. (IBK F-921). Ex: fruitbody. near Minsk. Belarus. Risk group: no. (Medium [9](#), 25°C, S-4)

Geomyces asperulatus Sigler et J.W. Carmichael 1976

F-3807 <-- Aleksandrova A.V. DMA MSU. Received as: *Geomyces asperulatus*. Ex: soil. Karst cave. Moscow Region, Domodedovo District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-2684 <-- Rudakov O.L. INMI, VKM MF-32. Received as: *Trichoderma album*. Other name: *Trichoderma album* Preuss 1855. Ex: fungus, *Blumeria graminis*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4,

F-1, S-5)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-2686 <-- Rudakov O.L. INMI, VKM MF-37. Received as: *Trichoderma album*. Other name: *Trichoderma album* Preuss 1855. Ex: fungus, *Mycena epipterygia*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-2698 <-- Rudakov O.L. INMI, VKM MF-58. Received as: *Trichoderma album*. Other name: *Trichoderma album* Preuss 1855. Ex: fungus, *Blumeria graminis*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1368](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-2739 <-- Rudakov O.L. INMI, VKM MF-142. Received as: *Haplaria longidentatus*. Ex: fungus, *Laetiporus sulphureus*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([1368](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-3808 <-- Aleksandrova A.V. DMA MSU. Received as: *Geomyces pannorum* var. *pannorum*. Ex: *Clethrionomys glareolus*, fur. Aspen-alder forest with spruce underwood, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#), [4035](#), [4543](#), [4734](#), [6044](#), [8187](#), [8829](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4513 <-- VKM IBPM, VKM FW-928. Received as: *Geomyces pannorum*. Ex: permafrost, hole 11/89, depth 55,20 m, age 3000 thousand years. Kolyma Lowland, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#), [7324](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4514 <-- VKM IBPM, VKM FW-929. Received as: *Geomyces pannorum*. Ex: permafrost, hole 2/89, depth 47,50 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#), [3396](#), [7445](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4515 <-- VKM IBPM, VKM FW-2607. Received as: *Geomyces pannorum*. Ex: permafrost, hole 1/98, depth 22,80-22,90 m, age 3000 thousand years. Kolyma Lowland, middle stream of Alazeya River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#), [5659](#), [6973](#), [7893](#), [8094](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4516 <-- VKM IBPM, VKM FW-969. Received as: *Geomyces pannorum*. Ex: permafrost, hole 2/89, depth 47,50 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. DNA sequences: DQ189225. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#), [4035](#), [6108](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4517 <-- VKM IBPM, VKM FW-2822. Received as: *Geomyces pannorum*. Ex: permafrost, hole 1/91, depth 39,00 m, age 1800-3000 thousand years. Kolyma Lowland, estuary of Bolshaya Chukochya River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4518 <-- VKM IBPM, VKM FW-2643. Received as: *Geomyces pannorum*. Ex: permafrost, hole 453/98, T horison, depth 0-0,05 m, Holocene age. Kolyma Lowland, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([9153](#), [9154](#), [479](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4519 <-- VKM IBPM, VKM FW-2642. Received as: *Geomyces pannorum*. Ex: permafrost, hole 453/98, T horison, depth 0-0,05 m, Holocene age. Kolyma Lowland, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4520 <-- VKM IBPM, VKM FW-2644. Received as: *Geomyces pannorum*. Ex: permafrost, hole 453/98, T horison, depth 0-0,05 m, Holocene age. Kolyma Lowland, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([9153](#), [9154](#), [479](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4546 <-- VKM IBPM, VKM FW-3202. Received as: *Geomyces pannorum*. Ex: soil, Observatory Mirny, soil pit LA55 Mr-01 mb, depth 0-0,01 m. Queen Mary Land, Antarctica. DNA sequences: JN835206. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4569 <-- VKM IBPM, VKM FW-2594. Received as: *Geomyces pannorum*. Ex: permafrost, hole 1/98, depth 15,80-16,00 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Alazeya River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4570 <-- VKM IBPM, VKM FW-2602. Received as: *Geomyces pannorum*. Ex: permafrost, hole 1/98, depth 22,80-22,90 m, age 3000 thousand years. Kolyma Lowland, middle stream of Alazeya River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4571 <-- VKM IBPM, VKM FW-2264. Received as: *Geomyces pannorum*. Ex: permafrost, hole 14/99, depth 15,42-15,46 m, age 100 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. DNA sequences: AY873967. Risk group: no. (Medium [11](#), 25°C, F-1). ([4035](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4572 <-- VKM IBPM, VKM FW-2267. Received as: *Geomyces pannorum*. Ex:

permafrost, hole 14/99, depth 15,42-15,46 m, age 100 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4573 <-- VKM IBPM, VKM FW-2653. Received as: *Geomyces pannorum*. Ex: permafrost, hole 16/99, depth 7,67-7,70 m, age 100 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4574 <-- VKM IBPM, VKM FW-862. Received as: *Geomyces pannorum*. Ex: permafrost, hole 14/99, cryopeg, suspension-water, depth 21,00-24,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4575 <-- VKM IBPM, VKM FW-903. Received as: *Geomyces pannorum*. Ex: permafrost, hole 17/99, cryopeg, water, depth 17,00-17,30 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4576 <-- VKM IBPM, VKM FW-2228. Received as: *Geomyces pannorum*. Ex: permafrost, hole 15/99, cryopeg, water, depth 17,00-21,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4577 <-- VKM IBPM, VKM FW-2232. Received as: *Geomyces pannorum*. Ex: permafrost, hole 15/99, cryopeg, water, depth 17,00-21,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4578 <-- VKM IBPM, VKM FW-3024. Received as: *Geomyces pannorum*. Ex: fossil seeds of bluegrass, *Poa* **sp.** ancient ground squirrels burrow P1300 buried in permafrost, depth 15,00-40,00 m, age 26-50 thousand years. Kolyma Lowland, Stanchikovsky Yar outcrop, Maly Anyui River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4579 <-- VKM IBPM, VKM FW-3026. Received as: *Geomyces pannorum*. Ex: fossil seeds of bluegrass, *Poa* **sp.** ancient ground squirrels burrow P1300 buried in permafrost, depth 15,00-40,00 m, age 26-50 thousand years. Kolyma Lowland, Stanchikovsky Yar outcrop, Maly Anyui River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4580 <-- VKM IBPM, VKM FW-3035. Received as: *Geomyces pannorum*. Ex:

fossil seeds of snow cinquefoil, *Potentilla nivea*, ancient ground squirrels burrow P1311 buried in permafrost, depth 15,00-40,00 m, age 26-50 thousand years. Kolyma Lowland, Duvannyi Yar outcrop, Kolyma River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4581 <-- VKM IBPM, VKM FW-3036. Received as: *Geomyces pannorum*. Ex: fossil seeds of snow cinquefoil, *Potentilla nivea*, ancient ground squirrels burrow P1311 buried in permafrost, depth 15,00-40,00 m, age 26-50 thousand years. Kolyma Lowland, Duvannyi Yar outcrop, Kolyma River, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4584 <-- VKM IBPM, VKM FW-2638. Received as: *Geomyces pannorum*. Ex: permafrost, hole 453/98, T horizon, depth 0-0,05 m, Holocene age. Kolyma Lowland, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976

F-4585 <-- VKM IBPM, VKM FW-2645. Received as: *Geomyces pannorum*. Ex: permafrost, hole 453/98, T horizon, depth 0-0,05 m, Holocene age. Kolyma Lowland, Arctic. Russia. Risk group: no. (Medium [11](#), 25°C, F-1)

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976 var. *pannorum*

F-103 <-- INMI, VKM F-103 <- CBS, CBS 105.13 <- Jensen M. Received as: *Botrytis terrestris*. Synonym *Botrytis terrestris* M.Jensen 1912 Type strain. (CBS 105.13; IFO 31776; MUCL 151). Ex: tomato field soil. New York, Ithaca. USA. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([479](#), [887](#), [8144](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976 var. *pannorum*

F-2724 <-- Rudakov O.L. INMI, VKM MF-114. Received as: *Sporotrichum hospicida*. Synonym *Sporotrichum hospicida* Schulz et Saccardo 1884, *Chrysosporium pannorum* (Link 1824) S. Hughes 1958 var. *pannorum*. (CBS 478.78 VKM MF-114). Ex: fungus, *Nectria cinnabarina*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1368](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976 var. *pannorum*

F-3557 <-- Okunev O.N. IBPM <- ATCC, ATCC 34151. Received as: *Chrysosporium pannorum* var. *pannorum*. Synonym *Chrysosporium pannorum* (Link 1824) Hughes 1958. (ATCC 34151 *Chrysosporium pannorum*). Ex: *Pinus silvestris* telegraph pole treated with Boliden salt 525. Sweden. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([479](#))

Geomyces pannorum (Link 1824) Sigler et J.W. Carmichael 1976 var. *pannorum*

F-4281 <-- Kochkina G.A. VKM IBPM, VKM FW-2241. Received as: *Geomyces pannorum* var. *pannorum*. Ex: permafrost, hole 15/99, cryopeg, suspension-water, depth 17,00-21,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochoy, Arctic. Russia. DNA sequences: AY873966. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([479](#), [4035](#), [4543](#), [6044](#))

***Geomyces* sp.**

F-3440 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, Il-LR(Pn)91. Received as: Tolypocladium microsporium. Other name: Tolypocladium microsporium (Jaap 1916) Bissett 1983. Ex: insect of order Diptera infected by fungus, larva. Alexandrov park. Leningrad Region, Pushkin. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Geosmithia lavendula (Raper et Fennell 1948) Pitt 1980

F-299 Òype <-- INMI, VKM F-299 <- National Research Center of Antibiotics, Moscow, Russia, RIA 175B <- NRRL 2146 <- CBS, CBS 344.48. Received as: Penicillium lavendulum. Synonym: Penicillium lavendulum Raper et Fennell 1948 Type strain. (ATCC 10463; CBS 344.48; IFO 7729; IMI 40570; NRRL 2146; QM 1929;). Ex: culture contaminant. Illinois. USA. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5).

Geosmithia namyslowskii (K.W. Zaleski 1927) Pitt 1980

F-453 Òype <-- INMI, VKM F-453 <- National Research Center of Antibiotics, Moscow, Russia, RIA 174B <- CBS 353.48 <- NRRL 1070. Received as: Penicillium namyslowskii. Synonym: Penicillium namyslowskii K.M.Zalesky 1927 Type strain. (ATCC 11127; CBS 353.48; IMI 40033; MUCL 29226; NRRL 1070; QM 1932; Biourge 293; Thom 5010.16;). Ex: soil under Pinus **sp.** Poland. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5)

Geotrichum amycelicum Redaelli et Ciferri 1935

F-2135 <-- INMI, VKM F-2135 <- VKM, VKM Y-1214 <- CBS, CBS 186.38. Received as: Geotrichum amycelicum. (CBS 186.38). Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5).

Geotrichum candidum Link 1809

F-2924 <-- VKM IBPM, VKM Y-1079 <- Odintsova E.N. INMI. Received as: Endomyces magnusii. (CCY 42-1-2). Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1188](#), [1213](#), [2084](#), [6096](#))

Geotrichum fragrans (Berkhout 1923) Morenz 1960 ex Morenz 1964

F-119 <-- INMI, VKM F-119 <- CBS, CBS 194.34. Received as: Cylindrium suaveolens. Synonym: Oospora fragrans Berkhout 1923, Cylindrium suaveolens (Krzemecki 1913) Burns 1933. (CBS 194.34; MUCL 11624). Ex: Zea mays var. saccharata. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Geotrichum fragrans (Berkhout 1923) Morenz 1960 ex Morenz 1964

F-200 <-- INMI, VKM F-200 <- CBS, CBS 152.25. Received as: Oospora fragrans. Synonym Oospora fragrans Berkhout 1923, Oidium suaveolens Krzemecki 1913 Authentic strain. (CBS 152.25; IFO 10825; MUCL 11756; MUCL 15241; UAMH 174). Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5). ([5462](#))

Geotrichum fragrans (Berkhout 1923) Morenz 1960 ex Morenz 1964

F-2024 <-- INMI, VKM F-2024 <- Ruban E.L. INMI. Received as: Oospora

fragrans. Synonym *Oospora fragrans* Berkhout 1923. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5)

Geotrichum klebahnii (Stautz 1931) Morenz 1964

F-206 Authentic strain <-- INMI, VKM F-206 <- CBS, CBS 179.30. Received as: *Oospora klebahnii* Stautz. Synonym: *Oospora klebahnii* Stautz 1931 Type strain. (CBS 179.30; JCM 6267; MUCL 11768). Ex: *Taxus baccata* slime flux. Germany. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Geotrichum klebahnii (Stautz 1931) Morenz 1964

F-2723 <-- Rudakov O.L. INMI, VKM MF-113. Received as: *Oospora nectricola*. Synonym *Oospora nectricola* Richon 1858. (CBS 625.85 VKM MF-113). Ex: fungus, *Nectria cinnabarina*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#), [3068](#))

Geotrichum klebahnii (Stautz 1931) Morenz 1964

F-2926 <-- VKM IBPM, VKM Y-2097 <- CCY, CCY 74-1-1. Received as: *Geotrichum penicillatum*. Synonym *Trichosporon penicillatum* do Carmo Sousa 1965 Type strain, *Geotrichum penicillatum* (do Carmo Sousa 1965) v. Arx 1977 Type strain. (ATCC 18019; CBS 627.74; CCY 74-1-1; CECT 1903; IGC 3716; JCM 3913; MUCL 14477). Ex: *Ulmus* sp. Slime flux. California. USA. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([587](#), [886](#), [3268](#))

Gibberella fujikuroi (Sawada 1917) Wollenweber 1931

F-1014 <-- INMI, VKM F-1014 <- Ulyanova O.M. INMI <- Museum of Live Cultures, Pekin, China. Received as: *Gibberella fujikuroi*. Risk group: no. (Medium [13](#), 25°C, C-8, D-4, F-1, S-5). ([8090](#), [5109](#), [5378](#), [5604](#))

Gibberella fujikuroi (Sawada 1917) Wollenweber 1931

F-1015 <-- INMI, VKM F-1015 <- Ulyanova O.M. INMI, G.f.1 <- Museum of Live Cultures, Pekin, China. Received as: *Gibberella fujikuroi*. Risk group: no. (Medium [13](#), 25°C, C-5, D-4, F-1, S-5)

Gibberella fujikuroi (Sawada 1917) Wollenweber 1931

F-1016 <-- INMI, VKM F-1016 <- Ulyanova O.M. INMI, G.f.2 <- Museum of Live Cultures, Pekin, China. Received as: *Gibberella fujikuroi*. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-5)

Gibberella zeae (Schweinitz 1821) Petch 1936

F-2598 <-- IBPM, IBPM F-75 <- Kamyshko O.P. VIZR. Received as: *Gibberella zeae*. Risk group: no. (Medium [13](#), 25°C, C-8, S-5). ([4567](#), [5109](#), [5604](#), [6915](#), [7374](#), [8257](#))

Gibberella zeae (Schweinitz 1821) Petch 1936

F-2599 <-- IBPM, IBPM F-75-2 <- VIZR. Received as: *Gibberella zeae*. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([4567](#), [5109](#), [5604](#))

Gibberella zeae (Schweinitz 1821) Petch 1936

F-2600 <-- IBPM, IBPM F-75-3 <- VIZR. Received as: *Gibberella zeae*. Risk group:

no. (Medium [13](#), 25°C, C-8, D-4, F-1, S-5). ([8090](#), [8852](#), [4567](#), [4649](#), [4888](#), [5109](#), [5378](#), [5604](#), [5844](#), [6384](#), [7331](#), [7376](#), [7382](#), [7478](#), [8196](#), [8876](#))

Gibellulopsis nigrescens (Pethybridge 1919) Zare et al. 2007

F-2209 <-- Milko A.A. IBIW, 4436. Received as: *Verticillium dahliae*. Other name: *Verticillium dahliae* Klebahn 1913. Ex: water. Pleshcheevo Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Gibellulopsis nigrescens (Pethybridge 1919) Zare et al. 2007

F-2571 <-- IBPM, IBPM F-364 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Verticillium nigrescens*. Synonym *Verticillium nigrescens* Pethybridge 1919. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Gibellulopsis nigrescens (Pethybridge 1919) Zare et al. 2007

F-2584 <-- IBPM, IBPM F-364-2 <- DMA MSU. Received as: *Verticillium nigrescens*. Synonym *Verticillium nigrescens* Pethybridge 1919. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Gibellulopsis nigrescens (Pethybridge 1919) Zare et al. 2007

F-2693 <-- Rudakov O.L. INMI, VKM MF-53. Received as: *Verticillium nigrescens* f. *capitatum*. Synonym *Verticillium nigrescens* Pethybridge 1919. (CBS 565.78A VKM MF-53). Ex: fungus, *Podosphaera fuliginea*. Odessa. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Gibellulopsis nigrescens (Pethybridge 1919) Zare et al. 2007

F-2766 <-- Rudakov O.L. INMI, VKM MF-241. Received as: *Verticillium nigrescens* f. *capitatum*. Synonym *Verticillium nigrescens* Pethybridge 1919. (CBS 565.78C). Ex: fungus, *Erysiphe cichoracearum*. Astrakhan. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Gibellulopsis nigrescens (Pethybridge 1919) Zare et al. 2007

F-2837 <-- Rudakov O.L. INMI, VKM MF-481. Received as: *Verticillium nigrescens* var. *cercosporae*. Synonym *Verticillium nigrescens* Pethybridge 1919. (CBS 565.78B). Ex: fungus, *Cercospora beticola*. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Gilbertella persicaria (E.D. Eddy 1925) Hesseltine 1960

F-1042 Òype <-- INMI, VKM F-1042 <- CBS, CBS 190.32. Received as: *Gilbertella persicaria*. Synonym: *Choanephora persicaria* E.D.Eddy 1925. MT-. (ATCC 24413; BCRC 31717; CBS 190.32; IFO 6666; IHEM 5869; IMI 101697; MTCC 367; NBRC 6666; NRRL 2700-). Ex: *Prunus persica*, fruit. New York. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-13, C-7, F-1). ([986](#), [2190](#))

Gilmaniella humicola G.L. Barron 1964

F-3699 <-- Rudakov O.L. All-Russian Research Institute of Phytopathology, B.Vyazyomy, Odintsovo district, Moscow Region, Russia, 1848. Received as: *Gilmaniella humicola*. Ex: soil. Hothouse. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Gilmaniella humicola G.L. Barron 1964

F-3857 <-- Aleksandrova A.V. DMA MSU, Dm29. Received as: *Gilmaniella humicola*. Ex: wood, *Alnus* sp. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Gliocephalotrichum bulbilium J.J. Ellis et Hesseltine 1962

F-2996 Òype <-- CMI, IMI 196357. Received as: *Gliocephalotrichum bulbilium*. (ATCC 22228; CBS 242.62; IFO 9325; IMI 96357; NRRL 2899; QM 9007; MUCL 18575; MUCL 3186). Ex: soil. Under moss. Louisiana. USA. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Gliocladiopsis tenuis (Bugnicourt 1939) Crous et M.J. Wingfeld 1993

F-2647 <-- CMI, IMI 68205. Received as: *Cylindrocarpon tenue*. Synonym: *Cylindrocarpon tenue* Bugnicourt 1939. (IMI 68205). Ex: *Indigofera endecaphylla*. Indochina. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5).

Gliocladium album (Preuss 1851) Petch 1926

F-3257 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany. Received as: *Gliocladium album*. (CBS 491.67; MUCL 7924). Ex: fungus, *Physarum leucophaeum*. England, London, Chelsea, near Haddon Hall. UK. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5).

Gliocladium ammoniphilum Pidoplichko et Bilai 1953

F-941 Authentic strain <-- INMI, VKM F-941 <- DMA MSU. Received as: *Gliocladium ammoniphilum*. (CBS 156.70). Ex: *Pinus* sp., seeds. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1812](#))

Gliocladium aurifilum (W. Gerard 1874) Seifert et al. 1985

F-3240 Òype <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany. Received as: *Stilbum zacalloxanthum*. Synonym: *Stilbum zacalloxanthu* R.T.Moore 1959 Type strain. (ATCC 13521; CBS 405.59; IMI 079934). Ex: decaying wood. Massachusetts. USA. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([3261](#))

Gliocladium cholodnyi Pidoplichko 1931

F-2067 <-- INMI, VKM F-2067 <- Milko A.A., 4326. Received as: *Gliocladium cholodnyi*. Ex: water. Dnepr River. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Gliocladium cholodnyi Pidoplichko 1931

F-2068 <-- INMI, VKM F-2068 <- Milko A.A., 4356. Received as: *Gliocladium cholodnyi*. Ex: water. Dnepr River. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Gliocladium comtus Rudakov 1981

F-2748 Type <-- Rudakov O.L. INMI, VKM MF-161. Received as: *Gliocladium comtus*. Ex: fungus, *Fomes fomentarius*, hymenium. Moscow Region, Bolshie

Vyazemy. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Gliocladium viride Matruchot 1893

F-2687 <-- Rudakov O.L. INMI, VKM MF-40. Received as: *Gliocladium viride*. Ex: fungus, *Corticium sp.* Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#), [3068](#))

Gliomastix cerealis (P. Karsten 1887) C.H. Dickinson 1968

F-2883 <-- Rudakov O.L. INMI, VKM MF-581 <- ATCC, ATCC 16229. Received as: *Gliomastix guttuliformis*. Synonym: *Gliomastix guttuliformis* J.C.Brown et W.B.Kendrick 1958, *Acremonium cereale* (P.Karsten 1887) W.Gams 1971. (ATCC 16229 *Gliomastix guttuliformis*). Ex: soil, infected by *Rhizoctonia solani*. Wheat field. Germany. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([2068](#))

Gliomastix cerealis (P. Karsten 1887) C.H. Dickinson 1968

F-3033 <-- Orazov H.N. Institute of Botany Turkmenistan Academy of Sciences, Ashkhabad, Turkmenistan, 325-86. Received as: *Acremonium cerealis*. Synonym *Acremonium cereale* (P.Karsten 1887) W.Gams 1971. Ex: cotton plant rhizosphere, *Gossypium sp.* Ashkhabad Region. Turkmenistan. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Gliomastix inflata C.H. Dickinson 1968

F-1468 <-- INMI, VKM F-1468 <- LWP, 40. Received as: *Cephalosporium humicola*. Synonym: *Acremonium inflatum* (C.H.Dickinson 1968) W.Gams 1971. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#))

Gliomastix inflata C.H. Dickinson 1968

F-1544 Isotype <-- INMI, VKM F-1544 <- The University of Newcastle upon Tyne, UK, G-68. Received as: *Gliomastix inflata*. Synonym *Acremonium inflatum* (C.H.Dickinson 1968) W.Gams 1971. (CBS 212.69; IMI 100877). Ex: soil. Coastal salt bog, Lincolnshire, Gibraltar point. England. UK. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Gliomastix luzulae (Fuckel 1870) E.W. Mason 1953 ex S. Hughes 1958

F-1168 <-- INMI, VKM F-1168 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 42. Received as: *Fusidium viride* Grove 1885. Synonym: *Acremonium luzulae* (Fuckel 1870) W.Gams 1971, *Fusidium viride* Grove 1885. (ATCC 18665; CBS 495.67; HUT 5202; IFO (now NBRC) 30535; IMI 133983; NBRC 30535). Ex: work of art. Saint Sophia Cathedral. Novgorod. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1355](#))

Gliomastix luzulae (Fuckel 1870) E.W. Mason 1953 ex S. Hughes 1958

F-1545 <-- INMI, VKM F-1545 <- The University of Newcastle upon Tyne, UK, G-29. Received as: *Gliomastix luzulae*. Synonym *Acremonium luzulae* (Fuckel 1870) W.Gams 1971. Ex: *Asparagus sp.*, stem. England, Lincolnshire. UK. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Gliomastix luzulae (Fuckel 1870) E.W. Mason 1953 ex S. Hughes 1958

- F-3291 <-- Melnik V.A., V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia <-- Shtok D.A. KMUzb. Received as: *Acremonium luzulae*. Synonym *Acremonium luzulae* (Fuckel 1870) W.Gams 1971. Ex: *Hordeum vulgare*. Uzbekistan. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5)
- Gliomastix murorum*** (Corda 1838) S. Hughes 1958 var. *felina* (Marchal 1895) S. Hughes 1958
- F-1018 <-- INMI, VKM F-1018 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 21215-5500. Received as: *Cephalosporium atrum*. Synonym: *Cephalosporium atrum* (Corda 1839) Pidoplichko 1953, *Acremonium felinum* (Marchal 1895) Nalepina et Tarasov 1992. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([1355](#), [1384](#), [2068](#), [5604](#))
- Gliomastix murorum*** (Corda 1838) S. Hughes 1958 var. *felina* (Marchal 1895) S. Hughes 1958
- F-1300 <-- INMI, VKM F-1300 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3806. Received as: *Cephalosporium atrum*. Synonym *Cephalosporium atrum* (Corda 1840) Pidoplichko 1953, *Acremonium felinum* (Marchal 1895) Nalepina et Tarasov 1992. Ex: *Zea mays*, root. Cherkassy Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2068](#), [4567](#), [5604](#), [6915](#), [7374](#), [8876](#))
- Gliomastix murorum*** (Corda 1838) S. Hughes 1958 var. *felina* (Marchal 1895) S. Hughes 1958
- F-1327 <-- INMI, VKM F-1327 <- Milko A.A., 1661. Received as: *Cephalosporium oudemansii* Pidoplichko 1953. Synonym *Acremonium felinum* (Marchal 1895) Nalepina et Tarasov 1992. Ex: forest soil. Zakarpattya Region, Rakhov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#), [5604](#))
- Gliomastix murorum*** (Corda 1838) S. Hughes 1958 var. *felina* (Marchal 1895) S. Hughes 1958
- F-2852 <-- Rudakov O.L. INMI, VKM MF-532 <- CBS, CBS 194.70. Received as: *Acremonium murorum*. Synonym *Acremonium murorum* var. *felinum* (Marchal 1895) S. Hughes 1958. (CBS 194.70). Ex: fungus, *Polyporus squamosus*, old basidiome. Germany. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1355](#), [3039](#))
- Gliomastix murorum*** (Corda 1838) S. Hughes 1958 var. *murorum*
- F-414 <-- INMI, VKM F-414 <- CBS, CBS 378.36. Received as: *Torula cephalosporioides*. Synonym *Torula cephalosporioides* J.F.H.Beyma 1937 Type strain, *Acremonium murorum* var. *murorum* (Corda 1839) W.Gams 1971. (CBS 378.36; IMI 001755; MUCL 7909). Ex: *Ribes rubrum*, root. Nijmegen. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([1355](#), [2232](#))
- Gliomastix murorum*** (Corda 1838) S. Hughes 1958 var. *murorum*
- F-1172 <-- INMI, VKM F-1172 <- Zavarzina N.B. INMI, A. Received as: *Cephalosporium sp.* Synonym *Acremonium murorum* (Corda 1839) W.Gams 1971 var. *murorum* S. Hughes 1958. Ex: aerotank. Sewage treatment industrial complex. Moscow, Lublino. Russia. Risk group: no. (Medium [11](#),

25°C, C-5, F-1, S-5). ([2068](#), [3039](#), [4117](#))

Gliomastix murorum (Corda 1838) S. Hughes 1958 var. *murorum*

F-1462 <-- INMI, VKM F-1462 <- LWP, 153. Received as: *Cephalosporium acremonium*. Synonym *Acremonium murorum* (Corda 1839) W.Gams 1971 var. *murorum* S. Hughes 1958. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#))

Gliomastix murorum (Corda 1838) S. Hughes 1958 var. *murorum*

F-1465 <-- INMI, VKM F-1465 <- LWP, 129. Received as: *Cephalosporium atrum*. Synonym *Cephalosporium atrum* (Corda 1840) Pidoplichko 1953, *Acremonium murorum* (Corda 1839) W.Gams 1971 var. *murorum* S. Hughes 1958. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#))

Gliomastix murorum (Corda 1838) S. Hughes 1958 var. *murorum*

F-1469 <-- INMI, VKM F-1469 <- LWP, 138. Received as: *Cephalosporium sp.* Synonym *Acremonium murorum* (Corda 1839) W.Gams 1971 var. *murorum* S. Hughes 1958. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Gliomastix murorum (Corda 1838) S. Hughes 1958 var. *murorum*

F-1540 <-- INMI, VKM F-1540 <- The University of Newcastle upon Tyne, UK, G-52. Received as: *Gliomastix murorum* var. *felina*. Synonym *Acremonium murorum* (Corda 1839) W.Gams 1971 var. *murorum* S. Hughes 1958. Ex: soil. Dublin. Ireland. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([3039](#))

Gliomastix murorum (Corda 1838) S. Hughes 1958 var. *murorum*

F-1572 <-- INMI, VKM F-1572 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 651. Received as: *Cephalosporium atrum*. Synonym *Cephalosporium atrum* (Corda 1840) Pidoplichko 1953, *Acremonium murorum* (Corda 1839) W.Gams 1971 var. *murorum* S. Hughes 1958. Ex: *Quercus sp.*, root. Kirovograd Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2068](#), [3039](#))

Gliomastix murorum (Corda 1838) S. Hughes 1958 var. *murorum*

F-1903 <-- INMI, VKM F-1903 <- Vostrov I.S. INMI. Received as: *Torula convoluta*. Synonym *Torula convoluta* Harz 1870, *Acremonium murorum* var. *murorum* (Corda 1839) W.Gams 1971. Ex: ftorolon fabric stored at temperature 5-15 C. USSR. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([111](#), [8031](#))

Gliomastix murorum (Corda 1838) S. Hughes 1958 var. *murorum*

F-4192 <-- Aleksandrova A.V. DMA MSU, S 251. Ex: dark margalite-ferralite soil on weathered basalt. Lowland mosoon semi-deciduous plydominant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: no. (Medium [11](#), 25°C, F-1)

Gloeophyllum odoratum (Wulfen 1788) Imazeki 1943

F-3222 <-- All-Russian Research Institute of Chemicalization of Forestry,

Ivanteevka, Moscow Region, Russia, 16. Received as: *Osmoporus odoratus*.
Synonym: *Osmoporus odoratus* (Wulfen 1788) Singer 1944. Ex: fruitbody on
Pinus **sp.** Sverdlovsk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-
12, S-4, S-5).

Gloeophyllum sepiarium (Wulfen 1786) P. Karsten 1882

F-433 <-- INMI, VKM F-433 <- V.A. Kucherenko Central Research Institute of
Building Constructions, Moscow, Russia. Received as: *Lenzites sepiaria*
(von Wulfen 1786) Fries 1838. Synonym: *Lenzites sepiaria* (Wulfen 1786)
Fries 1838. (IBK F-325; LEBIN 0157; VKM F-3211). Risk group: no.
(Medium [9](#), 25°C, C-5, S-4, S-5)

Gloeophyllum sepiarium (Wulfen 1786) P. Karsten 1882

F-708 <-- INMI, VKM F-708 <- The Central scientific research institute of wood
processing, Arkhangelsk, Russia. Received as: *Lenzites sepiaria* (von Wulfen
1786) Fries 1838. Synonym *Lenzites sepiaria* (Wulfen 1786) Fries 1838. Ex:
wood, Pinus **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C,
C-5, S-4, S-5). ([1698](#), [2134](#), [2644](#), [3079](#), [3277](#))

Gloeophyllum sepiarium (Wulfen 1786) P. Karsten 1882

F-3210 <-- All-Russian Research Institute of Chemicalization of Forestry,
Ivanteevka, Moscow Region, Russia, 0155 <- V.L. Komarov Botanical
Institute RAS, Saint Petersburg, Russia. Received as: *Gloeophyllum*
sepiarium (von Wulfen 1786) P. Karsten 1882. (LEBIN 0155). Ex: fruitbody
on decaying tree stub. Republic of Karelia, Besov Nos. Russia. Risk group:
no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Gloeophyllum sepiarium (Wulfen 1786) P. Karsten 1882

F-3211 <-- All-Russian Research Institute of Chemicalization of Forestry,
Ivanteevka, Moscow Region, Russia, 0157 <- V.L. Komarov Botanical
Institute RAS, Saint Petersburg, Russia <- Bukhalo A.S. <- MW G-31-2.
Received as: *Gloeophyllum sepiarium* (von Wulfen 1786) P. Karsten 1882.
(LEBIN 0157; MW G-31-2; VKM F-433). Germany. Risk group: no.
(Medium [9](#), 25°C, C-12, S-4, S-5)

Gongronella butleri (Lendner 1926) Peyronel et Dal Vesko 1955

F-534 <-- INMI, VKM F-534 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute
of Microbiology and Virology National Academy of Sciences of Ukraine,
Kiev, Ukraine, 13174. Received as: *Mortierella vesiculosa*. Synonym:
Absidia butleri Lendner 1926, *Mortierella vesiculosa* (G. Smith 1957)
Chalabuda 1967. Risk group: no. (Medium [9](#), 25°C, C-1, F-1, S-5). ([5134](#))

Gongronella butleri (Lendner 1926) Peyronel et Dal Vesko 1955

F-535 <-- INMI, VKM F-535 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute
of Microbiology and Virology National Academy of Sciences of Ukraine,
Kiev, Ukraine, 13123. Received as: *Mortierella vesiculosa*. Synonym
Absidia butleri Lendner 1926, *Mortierella vesiculosa* (G. Smith 1957)
Chalabuda 1967. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5)

Gongronella butleri (Lendner 1926) Peyronel et Dal Vesko 1955

- F-791 <-- INMI, VKM F-791 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 11-2-349b. Received as: Absidia butleri. Synonym Absidia butleri Lendner 1926. Ex: peat. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([2232](#), [5134](#))
- Gongronella butleri*** (Lendner 1926) Peyronel et Dal Vesko 1955
- F-1033 <-- INMI, VKM F-1033 <- Chalabuda T.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 8/5. Received as: Mortierella butleri. Synonym Absidia butleri Lendner 1926, Mortierella butleri (Lendner 1926) Chalabuda 1967. Ex: maize rhizosphere, Zea mays. Kherson Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([2232](#), [4289](#), [4453](#), [4469](#), [5134](#), [5435](#), [5604](#), [5844](#))
- Gongronella butleri*** (Lendner 1926) Peyronel et Dal Vesko 1955
- F-1206 <-- INMI, VKM F-1206 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 228. Received as: Absidia butleri. Synonym Absidia butleri Lendner 1926. MT-. Ex: forest soil. Republic of Crimea, Yalta Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5)
- Gongronella butleri*** (Lendner 1926) Peyronel et Dal Vesko 1955
- F-1210 <-- INMI, VKM F-1210 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 314. Received as: Absidia butleri. Synonym Absidia butleri Lendner 1926. MT+. Ex: forest soil. Republic of Crimea, Yalta Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([5134](#))
- Gongronella lacrispora*** Hesseltine et J.J. Ellis 1961
- F-3180 Òype <-- DSMZ, DSM 1169. Received as: Gongronella lacrispora. MT-. (ATCC 24412; BCRC 33126; CBS 244.62; DSM 1169; NRRL 2643). Ex: soil. Maryland. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-11, D-4, F-1, S-5). ([2187](#), [5134](#))
- Gonytrichum macrocladum*** (Saccardo 1880) S. Hughes 1951
- F-3847 <-- Aleksandrova A.V. DMA MSU, Dm48. Received as: Gonytrichum macrocladum. Ex: soil, improved chernozem. Wheat field. Belgorod Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6379](#), [6766](#), [8256](#), [8258](#))
- Gonytrichum macrocladum*** (Saccardo 1880) S. Hughes 1951
- F-4320 <-- Aleksandrova A.V. DMA MSU, S 320. Received as: Gonytrichum macrocladum. Ex: dark margalite-ferralite soil on weathered basalt. Lowland monsoon semi-deciduous pldominant secondary forest with the domination of Lagerstroemia calyculata. Dong Nai Province. Vietnam. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)
- Graphium penicillioides*** Corda 1837

F-3770 <-- Ivanushkina N.E. VKM IBPM, VKM G-350 (P-1/2). Received as: *Graphium penicillioides*. Ex: soil. Central Africa. Risk group: no. (Medium [14](#), 25°C, C-8, F-1, S-5).

Graphium putredinis (Corda 1839) S. Hughes 1958

F-2710 <-- Rudakov O.L. INMI, VKM MF-83. Received as: *Stysanus berkeleyi*. Other name: *Stysanus berkeleyi* (Montagne 1857) Saccardo 1886. Ex: fungus, *Agaricus bisporus*. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([3068](#))

Gremmeniella abietina (Lagerberg 1913) M. Morelet 1969

F-3195 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 4 <- Hanso M.E. The Estonian Research Institute of Forestry and Nature Conservation, Tartu, Estonia, A832. Received as: *Ascocalyx abietina*. Synonym: *Ascocalyx abietina* (Lagerberg 1913) Schlaepfer-Bernhard 1969. (EMI A832). Coniferous forest. Latvia. Risk group: no. (Medium [9](#), 25°C, S-4, S-5).

Grifola frondosa (Dickson 1785) Gray 1821

F-3102 <-- Jarva L. Estonian Institute of Zoology and Botany, Tartu, Estonia, TAA 84-20. Received as: *Grifola frondosa* (Dickson 1785) Gray 1821. (TAA 84-20). Estonia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Grifola frondosa (Dickson 1785) Gray 1821

F-3125 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P133. Received as: *Grifola frondosa* (Dickson 1785) Gray 1821. Ex: *Quercus* **sp.** Lazovsky State Nature Reserve. Primorsky Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([5977](#), [6255](#), [6256](#), [7911](#))

Guepiniopsis buccina (Persoon 1801) L.L. Kennedy 1959

F-2959 <-- Oberwinkler F., Germany, FO 31571.00. Received as: *Guepiniopsis buccina* (Persoon 1801) L.L. Kennedy 1959. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Gymnoascus reessii Baranetzky 1872

F-1707 <-- INMI, VKM F-1707 <- Zhukovskaya S.A. Institute of Biology and Soil Sciences of the FEB RAS, Vladivostok, Russia, 2. Received as: *Gymnoascus reessii*. Ex: meadow-brown soil under soya. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [7](#), 25°C, F-1, S-5).

***Gymnoascus* sp.**

F-1539 <-- INMI, VKM F-1539 <- Vostrov I.S. INMI. Received as: *Gymnoascus* **sp.** Ex: wallpaper. USSR. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

***Gymnoascus* sp.**

F-2066 <-- INMI, VKM F-2066 <- Milko A.A. IBIW, 4269. Received as: *Gymnoascus* **sp.** Ex: water. Dnepr River. Kiev. Ukraine. Risk group: no.

(Medium [13](#), 25°C, D-4, F-1, S-5)

Gymnopilus sapineus (Fries 1821) Murrill 1912

F-3533 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0391. Received as: *Gymnopilus sapineus* (Fries 1821) Murrill 1912. (LEBIN 0391). Ex: fruitbody, cap. Leningrad Region, Vyborg. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Hansfordia pulvinata (Berkeley et M.A. Curtis 1875) S. Hughes 1958

F-1575 <-- INMI, VKM F-1575 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 923. Received as: *Hansfordia grisella*. Synonym: *Hansfordia grisella* (Saccardo 1886) Hughes 1951. Ex: *Quercus* **sp.**, falling leaf. Goloseevsky park. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5).

Hansfordia pulvinata (Berkeley et M.A. Curtis 1875) S. Hughes 1958

F-2462 <-- DMA MSU. Received as: *Hansfordia pulvinata*. Ex: insect. Dushanbe. Tajikistan. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Hapsidospora milkoii Beliakova 1975

F-1167 Type <-- INMI, VKM F-1167 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: Genus **sp.** Ex: soil. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([76](#))

Harzia acremonioides (Harz 1871) Costantin 1888

F-898 <-- INMI, VKM F-898 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 314. Received as: *Acremoniella atra*. Synonym: *Acremoniella atra* (Corda 1837) Saccardo 1886. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Harzia acremonioides (Harz 1871) Costantin 1888

F-2478 <-- Milko A.A. IBIW. Received as: *Acremoniella atra*. Synonym *Acremoniella atra* (Corda 1837) Saccardo 1886. Ex: decaying *Carex* **sp.** Sutka River. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Harzia acremonioides (Harz 1871) Costantin 1888

F-3864 <-- Ivanushkina N.E. VKM IBPM, K-77. Received as: *Harzia acremonioides*. Ex: *Hordeum vulgare*, cultivar Tonar, grain, inner part. Agricultural Farm Beriozki. Oryol Region, Oryol District. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1)

Helicodendron tubulosum (Riess 1853) Linder 1929

F-2154 <-- INMI, VKM F-2154 <- Milko A.A. IBIW, 4108. Received as: *Helicodendron tubulosum*. Ex: *Betula* **sp.**, falling leaf. Pond. Yaroslavl Region, Borok. Russia. Risk group: no. (Medium [13](#), 25°C, C-5, F-1, S-5).

Helicostylum elegans Corda 1842

F-1045 <-- INMI, VKM F-1045 <- CBS, CBS 169.57. Received as: *Helicostylum elegans*. MT-. (ATCC 12745; CBS 169.57; IMI 068075; QA 22162; RSA 1023). Ex: dead woodlouse, *Porcellio sp.* UK. Risk group: no. (Medium [9](#), 6°C, C-1, C-7, D-4, F-1, S-5). ([4028](#))

Helicostylum pulchrum (Preuss 1851) Pidoplichko et Milko 1971

F-1051 <-- INMI, VKM F-1051 <- CBS, CBS 107.23. Received as: *Chaetostylum fresenii*. Synonym: *Chaetostylum fresenii* van Tieghem et G. Le Monnier 1873. (ATCC 11881; CBS 107.23; CBS 640.69; NRRL 686). Risk group: no. (Medium [9](#), 6°C, C-7, C-8, D-4, F-1). ([918](#), [1365](#), [4028](#))

Helicostylum pulchrum (Preuss 1851) Pidoplichko et Milko 1971

F-1418 <-- INMI, VKM F-1418 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 0074. Received as: *Chaetostylum fresenii*. Synonym *Chaetostylum fresenii* van Tieghem et G. Le Monnier 1873. Ex: horse manure. Kiev. Ukraine. Risk group: no. (Medium [9](#), 15°C, C-1, C-8, C-7, F-1). ([1365](#), [4028](#))

Helminthosporium solani Durieu et Montagne 1849

F-890 <-- INMI, VKM F-890 <- National Research Center of Antibiotics, Moscow, Russia, RIA 248B. Received as: *Spondylocladium atrovirens*. Synonym: *Spondylocladium atrovirens* (Harz 1871) Harz ex Saccardo 1886. (RIA 248B). Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5).

Hemicarpeneteles ornatum (Subramanian 1972) Arx 1974

F-1333 <-- INMI, VKM F-1333 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2177. Received as: *Aspergillus ornatum*. Synonym: *Aspergillus ornatum* Raper et al. 1953. (CBS 425.68; IMI 133980). Ex: forest soil. Zakarpattya Region, Khust. Ukraine. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5).

Hericium coralloides (Scopoli 1772) Persoon 1794

F-2932 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0045 <- Nizkovskaya O.P. Received as: *Hericium coralloides* (Scopoli 1772) Persoon 1794. (LEBIN 0045). Ex: fruitbody. Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Hericium coralloides (Scopoli 1772) Persoon 1794

F-3128 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-37. Received as: *Hericium coralloides* (Scopoli 1772) Persoon 1794. Ex: leaf deadfalls. Petrov Island, Lazovsky State Nature Reserve. Primorsky Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([6255](#), [6256](#), [7911](#))

Hericium coralloides (Scopoli 1772) Persoon 1794

F-3130 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-134. Received as: *Hericium coralloides* (Scopoli 1772) Persoon 1794. Ex: brushwood of the deciduous trees. Lazovsky State Nature

Reserve. Primorsky Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Hericium coralloides (Scopoli 1772) Persoon 1794

F-3686 <-- Eremina S.S. VKM IBPM <- Yashina S.G., Shabaeva E.V. Institute of Cell Biophysics RAS, Pushchino, Moscow Region, Russia, G-129. Received as: *Hericium coralloides* (Scopoli 1772) Persoon 1794. Ex: fruitbody on *Betula sp.* Windfall. Moscow Region, Serpukhov District, near Turovo. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5). ([4315](#))

Hericium erinaceus (Bulliard 1781) Persoon 1797

F-3078 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-38. Received as: *Hericium erinaceus* (Bulliard 1791) Persoon 1797. Ex: fruitbody on *Quercus sp.* Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Hericium erinaceus (Bulliard 1781) Persoon 1797

F-3079 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-39. Received as: *Hericium erinaceus* (Bulliard 1791) Persoon 1797. Ex: *Quercus sp.* Oak grove with japanese white birch (*Betula mandshurica*). Primorsky Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Hericium erinaceus (Bulliard 1781) Persoon 1797

F-3479 <-- Muchametshin R. All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia. Received as: *Hericium erinaceus* (Bulliard 1781) Persoon 1797. Ex: fruitbody on *Fagus orientalis*. Caucasus State Biosphere Reserve. Krasnodar Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Hesseltinella vesiculosa H.P. Upadhyay 1970

F-1523 Òype <-- INMI, VKM F-1523 <- CBS, CBS 197.68. Received as: *Hesseltinella vesiculosa*. (ATCC 42645; CBS 197.68; IMI 132188; FLAS F54655; NRRL 3301; RSA 1850). Ex: agricultural soil. Brazil. Risk group: no. (Medium [9](#), 25°C, C-1, C-13, F-1, S-5). ([781](#), [871](#), [1365](#), [4028](#))

Heterobasidion annosum (Fries 1821) Brefeld 1888

F-713 <-- INMI, VKM F-713 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Fomes annosus* (Fries 1821) Cooke 1885. Synonym: *Fomitopsis annosa* (Fries 1821) P.Karsten 1881, *Fomes annosus* (Fries 1821) Cooke 1885. Ex: pine wood, *Pinus sp.* Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([1490](#))

Hirsutella thompsonii F.E. Fischer 1950

F-3431 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, TU-KhR-87. Received as: *Hirsutella thompsonii*. Ex: cobweb mite, *Tetranychus urticae*, body surface on leaf *Cucumis sativus*. Petroharbour, near moor Olkhovy Dnepr, Dnepr River, bank, B. Potemkinsky Island. Kherson Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Hormiactis alba Preuss 1851

F-2818 <-- Rudakov O.L. INMI, VKM MF-435. Received as: *Hormiactis alba*. Ex: fungus, *Phaeolus schweinitzii*. Latvia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5).

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-768 <-- INMI, VKM F-768 <- DMA MSU <- IMI, IMI 95945. Received as: *Cladosporium resinae* f. *avellaneum*. Synonym: *Cladosporium resinae* (Lindau 1906) de Vries 1955 f. *avellaneum* de Vries 1955. (IMI 95945). Ex: creosote and water mixture. England. UK. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-770 <-- INMI, VKM F-770 <- CMI, IMI 90126. Received as: *Cladosporium resinae* f. *resinae albino*. Synonym *Cladosporium resinae* (Lindau 1906) de Vries 1955 f. *resinae albino*. (CBS 173.61; IMI 90126; TRL 1970-A). Ex: bitumen treated cardboard. Gold mine. SAR. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1812](#))

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-771 <-- INMI, VKM F-771 <- DMA MSU. Received as: *Cladosporium resinae* f. *avellaneum*. Synonym *Cladosporium resinae* (Lindau 1906) de Vries 1955 f. *avellaneum* de Vries 1955. (ATCC 11873; CBS 183.54; IFO 31707; IMI 89838). Ex: creosote-treated telegraph wooden pole. Pennsylvania. USA. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-1700 <-- INMI, VKM F-1700 <- DMA MSU, 303. Received as: *Cladosporium resinae* f. *avellaneum*. Synonym *Cladosporium resinae* (Lindau 1907) de Vries 1955 f. *avellaneum* de Vries 1955. Ex: soil. USSR. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5461](#), [8660](#))

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-1701 <-- INMI, VKM F-1701 <- DMA MSU, 129. Received as: *Cladosporium resinae* f. *resinae*. Synonym *Cladosporium resinae* (Lindau 1907) de Vries 1955 f. *resinae*. Ex: wood. Risk group: no. (Medium [13](#), 25°C, C-7, D-4, F-1, S-5). ([1321](#), [3421](#), [5461](#), [8163](#), [8660](#))

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-1961 <-- INMI, VKM F-1961 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 1. Received as: *Cladosporium resinae*. Synonym *Cladosporium resinae* (Lindau 1907) de Vries 1955. Ex: aviation fuel TS-1 with anti-crystallization additives I-02%. Adjara, Batumi. Georgia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-1962 <-- INMI, VKM F-1962 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of

the Russian Federation, Moscow, Russia, 2. Received as: *Cladosporium resinae*. Synonym *Cladosporium resinae* (Lindau 1907) de Vries 1955. Ex: aviation fuel TS-1. Adjara, Batumi. Georgia. Risk group: no. (Medium [13](#), 25°C, C-7, C-8, F-1, S-5). ([5461](#), [8660](#))

Hormoconis resinae (Lindau 1906) Arx et G.A. de Vries 1973

F-1963 <-- INMI, VKM F-1963 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 6. Received as: *Cladosporium resinae*. Synonym *Cladosporium resinae* (Lindau 1907) de Vries 1955. Ex: air. Adjara, Chakva. Georgia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([5461](#), [6766](#), [8660](#))

Hormonema macrosporum L. Voronin 1986

F-2452 Type <-- Milko A.A. IBIW, 4345. Received as: *Hormonema macrospora*. (CBS 536.94). Ex: *Rutilus sp.*, gills. Beloye Lake. Vologda Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([622](#), [2636](#), [2861](#), [2862](#), [6414](#), [6710](#), [6788](#))

Hormonema sp.

F-3267 <-- Ivanushkina N.E. VKM IBPM, X 24/3. Received as: *Hormonema sp.* Ex: *Abelia coreana*, leaf. Kedrovaya River, low stream, Kedrovaya Pad Nature Reserve, Far East. Primorsky Territory. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([6762](#))

Humicola fuscoatra Traaen 1914

F-2105 <-- INMI, VKM F-2105 <- TUB. Received as: *Paecilomyces variotii* Bainier 1907. Queensland. Australia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5).

Humicola fuscoatra Traaen 1914 var. *fuscoatra*

F-3001 Type <-- CBS, CBS 118.14. Received as: *Humicola fuscoatra* var. *fuscoatra*. (ATCC 22721; CBS 118.14; MUCL 8010). Ex: soil. Norway. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5350](#))

Humicola grisea Traaen 1914 var. *thermoidea* Cooney et Emerson 1964

F-3571 Type <-- Okunev O.N. IBPM <- ATCC, ATCC 16453. Received as: *Humicola grisea* var. *thermoidea*. (ATCC 16453; IMI 126329; CBS 627.91; VTT D-96493; KCTC 6001). Ex: elephant dung. California, San Francisco. USA. Risk group: no. (Medium [13](#), 37°C, C-8, F-1, S-5). ([6379](#), [6766](#), [8257](#), [8258](#))

Humicola insolens Cooney et R. Emerson 1964

F-3569 <-- MUCL, MUCL 15010. Received as: *Humicola insolens*. (CBS 392.69; MUCL 15010). California. USA. Risk group: no. (Medium [13](#), 37°C, C-8, F-1, S-5)

Hydnoporia tabacina (Sowerby 1797) Spirin et al. 2019

F-1450 <-- INMI, VKM F-1450 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Hymenochaete tabacina* (Sowerby 1797) Levielle 1846. Synonym: *Hymenochaete tabacina* (Sowerby

1797) Levielle 1846, Pseudochaete tabacina (Sowerby 1797) T. Wagner et M. Fischer 2002. Ex: Betula **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Hyphozyma sanguinea (C. Ramirez 1952) de Hoog et M.T. Smith 1981

F-2629 <-- VKM IBPM, VKM Y-2572 <- CCY, CCY 79-1-1. Received as: *Hyphozyma sanguinea*. (CCY 79-1-1). Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5).

Hyphozyma variabilis de Hoog et M.T. Smith 1981 var. *odora* de Hoog et M.T. Smith 1981

F-2631 <-- VKM IBPM, VKM Y-2574 <- CCY, CCY 79-2-2. Received as: *Hyphozyma variabilis* var. *odora*. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Hyphozyma variabilis de Hoog et M.T. Smith 1981 var. *variabilis*

F-2630 <-- VKM IBPM, VKM Y-2573 <- CCY, CCY 79-2-2-1. Received as: *Hyphozyma variabilis*. (CCY 79-2-1). Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Hypsizygus ulmarius (Bulliard 1791) Redhead 1984

F-1660 <-- INMI, VKM F-1660 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 1. Received as: *Pleurotus ulmarius* (Bulliard 1790) P. Kummer 1871. Synonym: *Pleurotus ulmarius* (Bulliard 1790) P. Kummer 1871. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Idriella variabilis Matsushima 1971

F-4323 <-- Aleksandrova A.V. DMA MSU, S 323. Received as: *Idriella variabilis*. Ex: litter, mostly *Lagerstroemia calyculata*. Lowland mosoon semi-deciduous plydominant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Inocutis dryophila (Berkeley 1904) Fiasson et Niemelae 1984

F-434 <-- INMI, VKM F-434 <- V.A. Kucherenko Central Research Institute of Building Constructions, Moscow, Russia. Received as: *Polyporus dryophilus* Berkeley 1847. Synonym: *Polyporus dryophilus* Berkeley 1847, *Inonotus dryophilus* (Berkeley 1847) Murrill 1904. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([5977](#), [6255](#), [6256](#), [7911](#))

Inonotus obliquus (Acharius ex Persoon 1801) Pilat 1942

F-1656 <-- INMI, VKM F-1656 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 1. Received as: *Inonotus obliquus* (Acharius ex Persoon 1801) Pilat 1942. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Inonotus rheades (Persoon 1825) Bondartsev et Singer 1941

F-3212 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 7-85. Received as: *Inonotus rheades* (Persoon 1825) Bondartsev et Singer 1941. Ex: fruitbody on *Populus tremula*. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Inonotus rheades (Persoon 1825) Bondartsev et Singer 1941

F-3213 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 45. Received as: *Inonotus rheades* (Persoon 1825) Bondartsev et Singer 1941. Ex: fruitbody on *Populus tremula*. Akmol Region, Borovoe. Kazakhstan. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Irpex lacteus (Fries 1818) Fries 1828

F-3214 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 107. Received as: *Irpex lacteus* (Fries 1818) Fries 1828. Ex: fruitbody on *Betula sp.* Akmol Region, Borovoe. Kazakhstan. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([6766](#), [8258](#))

Isaria farinosa (Holmskjold 1781) Fries 1832

F-816 <-- INMI, VKM F-816 <- DMA MSU. Received as: *Verticillium album*. Synonym: *Paecilomyces farinosus* (Holmskjold 1781) A.H.S. Brown et G. Smith 1957. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([6484](#))

Isaria farinosa (Holmskjold 1781) Fries 1832

F-2107 <-- INMI, VKM F-2107 <- TUB. Received as: *Paecilomyces farinosus*. Synonym *Paecilomyces farinosus* (Holmskjold 1781) A.H.S. Brown et G. Smith 1957. (DAOM 144.411). Ex: laboratory contaminant. Ottawa. Canada. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Isaria farinosa (Holmskjold 1781) Fries 1832

F-2415 <-- IBPM, IBPM F-379 <- Siberian Branch of RAS, Russia. Received as: *Spicaria farinosa*. Synonym *Spicaria farinosa* (Holmskjold 1781 ex S.F. Gray 1821) Vuillemin 1911. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([3534](#))

Isaria farinosa (Holmskjold 1781) Fries 1832

F-3810 <-- Aleksandrova A.V. DMA MSU. Received as: *Paecylomyces farinosus*. Synonym *Paecilomyces farinosus* (Holmskjold 1781) A.H.S. Brown et G. Smith 1957. Ex: soddy-podzolic soil, A1 horizon. Complexed fir-grove with birch and alder, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Isaria farinosa (Holmskjold 1781) Fries 1832

F-4739 <-- VKM IBPM, VKM FW-3224. Received as: *Isaria farinosa*. Ex: soil from uppermost organomineral horizon (a thin moss cushion), Progress-2 Station, soil pit LA55-Pr-02, depth 0-0,02 m. Larsemann Hills, Mac. Robertson Land, Antarctica. DNA sequences: MF494607. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Isaria fumosorosea Wize 1904

F-169 Òype <-- INMI, VKM F-169 <- CBS, CBS 192.28. Received as: *Monilia aquatilis*. Synonym: *Paecilomyces fumosoroseus* (Wize 1904) A.H.S. Brown et G. Smith 1957, *Monilia aquatilis* Malguth 1928. (CBS 192.28 *Isaria*)

fumosorosea). Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Isaria fumosorosea Wize 1904

F-881 <-- INMI, VKM F-881 <- VIZR, 411. Received as: *Spicaria fumosorosea*.
Synonym *Spicaria fumosorosea* (Wize 1904) Vassiljevsky 1929. Ex: *Agrotis segetum*. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).
([709](#), [4887](#), [5134](#), [5284](#), [5604](#), [7430](#))

Isaria fumosorosea Wize 1904

F-3516 <-- Borisov B.A. AS Rosagroservis, Moscow, Russia, 109 [211-3m 89].
Received as: *Paecilomyces fumosoroseus*. Synonym *Paecilomyces fumosoroseus* (Wize 1904) A.H.S. Brown et G. Smith 1957. Ex: butterfly (Lepidoptera), chrysalid in letter. Batumi Botanical Garden. Adjara, Batumi, Green Cape. Georgia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Isaria fumosorosea Wize 1904

F-3517 <-- Borisov B.A. AS Rosagroservis, Moscow, Russia, 115 [92-DV@91].
Received as: *Paecilomyces fumosoroseus*. Synonym *Paecilomyces fumosoroseus* (Wize 1904) A.H.S. Brown et G. Smith 1957. Ex: butterfly (Lepidoptera), chrysalid in cocoon in letter. Primorsky Territory, railway station Rjasanovka. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Isaria fumosorosea Wize 1904

F-3518 <-- Borisov B.A. AS Rosagroservis, Moscow, Russia, 116 [BM-MO(8)92].
Received as: *Paecilomyces fumosoroseus*. Synonym *Paecilomyces fumosoroseus* (Wize 1904) A.H.S. Brown et G. Smith 1957. Ex: moth, chrysalid in a crack of bark of birch. Moscow Region, Vidnoe. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Juxtiphoma eupyrena (Saccardo 1879) Valenzuela-Lopez et al. 2017

F-3610 <-- Ivanushkina N.E. VKM IBPM, Kr80. Received as: *Phoma eupyrena*.
Synonym: *Phoma eupyrena* Saccardo 1879. Ex: plaster. Novodevichy Cemetery. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6766](#))

Juxtiphoma eupyrena (Saccardo 1879) Valenzuela-Lopez et al. 2017

F-4269 <-- Ivanushkina N.E. VKM IBPM, VKM FW-3185. Received as: *Phoma eupyrena*. Synonym *Phoma eupyrena* Saccardo 1879. Ex: permafrost, hole A5/08, depth 1,15-1,20 m. Bunge Oasis, Wilkes Land, Mount Chernaya area, Antarctica. Risk group: no. (Medium [14](#), 25°C, C-8, F-1, S-5)

Kickxella alabastrina Coemans 1862

F-1104 <-- INMI, VKM F-1104 <- CBS, CBS 230.58. Received as: *Kickxella alabastrina*. (ATCC 13177; CBS 230.58; IMI 73343; RSA 352). Ex: mouse dung. San Gabriel Mountains, Evey Canyon. California, County Los Angeles, 7 km NE of Claremont. USA. Risk group: no. (Medium [11](#), 25°C, C-7, F-1, S-4, S-5). ([1365](#), [4029](#))

Kuehneromyces lignicola (Peck 1872) Redhead 1984

F-3135 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-141. Received as: *Kuehneromyces vernalis* (Peck 1872) Singer et A.H. Smith 1946. Synonym: *Kuehneromyces vernalis* (Peck 1872) Singer et A.H. Smith 1946. Ex: soil under ginseng with sawdust. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [9](#), 25°C, S-4, S-5).

Kuehneromyces mutabilis (Schaeffer 1774) Singer et A.H. Smith 1946

F-3229 <-- Semashko A.Yu. A.N. Severtsov Institute of Ecology and Evolution, Moscow, Russia. Received as: *Kuehneromyces mutabilis* (Schaeffer 1774) Singer et A.H. Smith 1946. Ex: fruitbody. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([6766](#))

Laccaria bicolor (Maire 1937) P.D. Orton 1960

F-3537 <-- CBS, CBS 594.89 <- de Vries F.W., Jansen A.F. Received as: *Laccaria bicolor* (Maire 1937) P.D. Orton 1960. (CBS 594.89). Netherlands. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Laccaria laccata (Scopoli 1772) Cooke 1884

F-3538 <-- Cudlin P. <- CBS, CBS 377.89 <- Goldin P. Received as: *Laccaria laccata* (Scopoli 1772) Cooke 1884. (CBS 377.89). Ex: fruitbody on *Pinus sylvestris*. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Lactarius helvus (Fries 1821) Fries 1838

F-3115 <-- Boiko T.A. Perm State University of Humanities and Education, Perm, Russia, 48-86. Received as: *Lactarius helvus* (Fries 1821) Fries 1838. Ex: fruitbody. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Laetiporus sulphureus (Bulliard 1789) Murrill 1920

F-1456 <-- INMI, VKM F-1456 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Polyporus sulphureus* (Bulliard 1788) Fries 1821. Synonym: *Polyporus sulphureus* (Bulliard 1788) Fries 1821. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4279](#))

Laetiporus sulphureus (Bulliard 1789) Murrill 1920

F-3216 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 12-85. Received as: *Laetiporus sulphureus* (Bulliard 1789) Murrill 1920. Ex: fruitbody on *Quercus sp.* Psebay timber factory. Krasnodar Territory, Psebay. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([6766](#), [8258](#))

Laetiporus sulphureus (Bulliard 1789) Murrill 1920

F-3217 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 0189 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0189. Received as: *Laetiporus sulphureus* (Bulliard 1789) Murrill 1920. (LEBIN 0189). Ex: fruitbody on *Quercus sp.* Leningrad Region, Petergof. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Lecanicillium fungicola (Preuss 1851) Zare et W. Gams 2008

F-2865 <-- Rudakov O.L. INMI, VKM MF-548 <- CBS, CBS 992.69. Received as: *Verticillium fungicola*. Synonym: *Verticillium fungicola* (Preus 1851) Hassenbrauk 1936. (CBS 992.69). Ex: fungus, *Agaricus bisporus*. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([1355](#))

Lecanicillium fusisporum (W. Gams 1971) Zare et W. Gams 2001

F-2866 Holotype <-- Rudakov O.L. INMI, VKM MF-550 <- CBS, CBS 164.70. Received as: *Verticillium fusisporum*. Synonym: *Verticillium fusisporum* W.Gams 1971. (CBS 164.70). Ex: fungus, *Coltricia perennis*. Forest Deeler Woud. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([1355](#), [2068](#))

Lecanicillium lecanii (Zimmermann 1898) Zare et W. Gams 2001

F-1199 <-- INMI, VKM F-1199 <- EAN, EAN 174(445). Received as: *Verticillium hemileiae*. Synonym: *Verticillium hemileiae* Bourigeut 1939, *Verticillium lecanii* (Zimmermann 1898) Viegas 1939. Ex: fungus, *Hemileia vastatrix*. Portugal. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([7760](#))

Lecanicillium lecanii (Zimmermann 1898) Zare et W. Gams 2001

F-2463 <-- INMI, VKM F-2463 <- Solovey E.F. DMA MSU. Received as: *Acremonium larvarum* (Petch 1931) W. Gams 1971. Synonym *Verticillium lecanii* (Zimmermann 1898) Viegas 1939. Chisinau. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([2068](#), [6925](#))

Lecanicillium lecanii (Zimmermann 1898) Zare et W. Gams 2001

F-3432 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, Il-KR(K-Ch)93. Received as: *Hirsutella sp.* Synonym *Verticillium lecanii* (Zimmermann 1898) Viegas 1939. Other name: *Acremonium gamsii* Tichelaar 1971; *Hirsutella sp.* (CBS 102672). Ex: butterfly (Lepidoptera) under bark of the old fallen fur-tree, larva. City forest-park. Kirov Region, Kirovo-Chepetsk. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Lecanicillium longisporum (Petch 1925) Zare et W. Gams 2001

F-2563 <-- IBPM, IBPM F-267-6 <- DMA MSU. Received as: *Verticillium dahliae*. Other name: *Verticillium dahliae* Klebahn 1913. Ex: *Geranium sp.* Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, D-4, F-1, S-5)

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-937 <-- INMI, VKM F-937 <- National Research Center of Antibiotics, Moscow, Russia, RIA 154B. Received as: *Cephalosporium gramineum*. Synonym: *Verticillium lecanii* (Zimmermann 1898) Viegas 1939. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5). ([2068](#))

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-1460 <-- INMI, VKM F-1460 <- LWP, 39. Received as: *Cephalosporium gramineum*. Synonym *Lecanicillium lecanii* (Zimmermann 1898) Viegas 1939. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5). ([2068](#))

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-1464 <-- INMI, VKM F-1464 <- LWP. Received as: *Cephalosporium sp.*

Synonym *Verticillium lecanii* (Zimmermann 1898) Viegas 1939. Russia.
Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5). ([2068](#))

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-2560 <-- IBPM, IBPM F-267-3 <- DMA MSU. Received as: *Verticillium dahliae*.
Other name: *Verticillium dahliae* Klebahn 1913. Ukraine. Risk group: no.
(Medium [11](#), 25°C, C-5, C-8, D-4, F-1, S-5)

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-2564 <-- IBPM, IBPM F-267-7 <- DMA MSU. Received as: *Verticillium dahliae*.
Other name: *Verticillium dahliae* Klebahn 1913. Ex: *Solanum tuberosum*.
Ukraine. Risk group: no. (Medium [11](#), 25°C, F-1, S-5, C-8)

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-2565 <-- IBPM, IBPM F-267-8 <- DMA MSU. Received as: *Verticillium dahliae*.
Other name: *Verticillium dahliae* Klebahn 1913. Ex: *Gossypium sp.*
Uzbekistan. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5, C-8)

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-2868 <-- Rudakov O.L. INMI, VKM MF-553 <- CBS, CBS 340.37. Received as:
Verticillium lecanii. Synonym *Verticillium lecanii* (Zimmermann 1898)
Viegas 1939. (ATCC 22612; CBS 340.37). Ex: fungus, *Puccinia graminis* on
Triticum sp. Germany. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).
([1355](#))

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-2869 <-- Rudakov O.L. INMI, VKM MF-554 <- CBS, CBS 413.70. Received as:
Verticillium lecanii. Synonym *Verticillium hemileiae* Bourigeut 1939,
Verticillium lecanii (Zimmermann 1898) Viegas 1939. (CBS 413.70C; LCP
1052). Ex: fungus, *Hemileia vastatrix* on coffee. New Caledonia. Risk group:
no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([1355](#))

Lecanicillium muscarium (Petch 1931) Zare et W. Gams 2001

F-3438 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, PCI-MR(KR)93.
Received as: *Verticillium sp.* Synonym *Verticillium lecanii* (Zimmermann
1898) Viegas 1939. Ex: *Phylloxera coccinea*, larva. Kuzminsky forest-park,
State Farm Belaya Dacha. Moscow. Russia. Risk group: no. (Medium [11](#),
25°C, C-8, F-1, S-5). ([6925](#))

Lecanicillium psalliotae (Treschew 1941) Zare et W. Gams 2001

F-2898 <-- Rudakov O.L. INMI, VKM MF-253. Received as: *Verticillium*
psalliotae. Synonym: *Verticillium psalliotae* Treschew 1941. Ex: fungus,
Cantharellus cibarius. Moscow Region. Russia. Risk group: no. (Medium [11](#),
25°C, C-5, D-4, F-1, S-5). ([1368](#), [3068](#))

Lecanicillium psalliotae (Treschew 1941) Zare et W. Gams 2001

F-3542 <-- Egorova A.V., Velikanov L.L. DMA MSU, 15. Received as: *Verticillium*
psalliotae. Synonym *Verticillium psalliotae* Treschew 1941. Ex: thermal
landscape soil. Weet thermal landscape, caldera, Uson Volcano, Kronotsky
State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory.

Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6766](#), [8258](#))

Lecanicillium psalliotae (Treschew 1941) Zare et W. Gams 2001

F-3826 <-- Aleksandrova A.V. DMA MSU. Received as: *Lecanicillium psalliotae*.
Synonym *Verticillium psalliotae* Treschew 1941. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Lecanicillium psalliotae (Treschew 1941) Zare et W. Gams 2001

F-4007 <-- Aleksandrova A.V. DMA MSU, 39. Received as: *Lecanicillium psalliotae*. Ex: agricultural soil. Experimental potato field in K.A. Timiryazev Moscow Agricultural Academy territory. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Lecanicillium psalliotae (Treschew 1941) Zare et W. Gams 2001

F-4012 <-- Aleksandrova A.V. DMA MSU, 66. Received as: *Lecanicillium psalliotae*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Leccinum scabrum (Bulliard 1783) Gray 1821

F-3119 <-- Boiko T.A. Perm State University of Humanities and Education, Perm, Russia, 47-87. Received as: *Leccinum scabrum* (Bulliard 1783) Gray 1821. Perm Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Lecythophora decumbens (J.F.H. Beyma 1942) E. Weber et al. 2002

F-163 Òype <-- INMI, VKM F-163 <- CBS, CBS 153.42. Received as: *Margarinomyces decumbens*. Synonym: *Margarinomyces decumbens* van Beyma 1942 Type strain, *Phialophora decumbens* (J.F.H. Beyma 1942) Schol-Schwarz 1970. (ATCC 42788; CBS 153.42). Ex: *Fragaria sp.*, fruit. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([599](#))

Lecythophora fasciculata (J.F.H. Beyma 1939) E. Weber et al. 2002

F-164 Òype <-- INMI, VKM F-164 <- CBS, CBS 205.38. Received as: *Margarinomyces fasciculatus*. Synonym: *Margarinomyces fasciculatus* van Beyma 1939 Type strain, *Phialophora fasciculata* (J.F.H. Beyma 1939) Schol-Schwarz 1970. (CBS 205.38). Ex: butter. Switzerland. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([599](#), [5134](#))

Lecythophora hoffmannii (J.F.H. Beyma 1938) W. Gams et McGinnis 1983

F-165 Òype <-- INMI, VKM F-165 <- CBS, CBS 140.41. Received as: *Margarinomyces hoffmannii*. Synonym: *Margarinomyces hoffmannii* van Beyma 1939 Type strain, *Phialophora hoffmannii* (J.F.H. Beyma 1939) Schol-Schwarz 1970. (CBS 140.41). Ex: waste water. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([599](#))

Lecythophora hoffmannii (J.F.H. Beyma 1938) W. Gams et McGinnis 1983

F-3658 <-- Melnik V.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 5/1. Received as: *Phialophora sp.* (*hoffmannii*-group). Ex: unknown tree, bark. Luquillo Experimental Forest. near San Juan. Puerto Rico. Risk

group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Lecythophora mutabilis (J.F.H. Beyma 1944) W. Gams et McGinnis 1983

F-166 <-- INMI, VKM F-166 <- CBS, CBS 157.44. Received as: *Margarinomyces mutabilis*. Synonym: *Margarinomyces mutabilis* J.F.H. Beyma 1944 Type strain, *Phialophora mutabilis* (J.F.H. Beyma 1944) Schol-Schwarz 1970. (CBS 157.44). Ex: river water. Germany. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([599](#))

Lentinula edodes (Berkeley 1878) Pegler 1976

F-1999 <-- INMI, VKM F-1999 <- Mori Mushroom Research Institute, Japan, Shiita-ke 121. Received as: *Lentinus edodes* (Berkeley 1878) Singer 1941. Synonym: *Lentinus edodes* (Berkeley 1878) Singer 1941. (IBK F-55). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Lentinula edodes (Berkeley 1878) Pegler 1976

F-2001 <-- INMI, VKM F-2001 <- Mori Mushroom Research Institute, Japan, Shiita-ke W4. Received as: *Lentinus edodes* (Berkeley 1878) Singer 1941. Synonym *Lentinus edodes* (Berkeley 1878) Singer 1941. (ATCC 38221). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4742](#))

Lentinula edodes (Berkeley 1878) Pegler 1976

F-3312 <-- All-Russian Research Institute Biotechnology, Moscow, Russia <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0404 <- CCBAS, CCBAS 389. Received as: *Lentinula edodes* (Berkeley 1878) Pegler 1976. (LEBIN 0404). Japan. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Lentinula edodes (Berkeley 1878) Pegler 1976

F-3313 <-- All-Russian Research Institute Biotechnology, Moscow, Russia <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0779. Received as: *Lentinula edodes* (Berkeley 1878) Pegler 1976. (LEBIN 0779). Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Lentinus sulcatus Berkeley 1845

F-3218 <-- Petrov A.N. Institute of plant physiology and biochemistry, Siberian Branch of RAS, Irkutsk, Russia, T2. Received as: *Lentinus sulcatus* Berkeley 1845. Ex: fruitbody. USSR. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Lentinus tigrinus (Bulliard 1782) Fries 1825

F-160 <-- INMI, VKM F-160 <- Afrikyan E.G. Institute of Microbiology Scientific and Production Center Armibiotechnology, Erevan, Armenia <- LCP, LCP 1725. Received as: *Lentinus tigrinus* (Bulliard 1782) Fries 1825. (LCP 1725). Ex: spores. near Paris. France. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([8971](#), [1490](#), [4225](#), [7130](#))

Lenzites betulina (Linnaeus 1753) Fries 1838

F-3219 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 112. Received as: *Lenzites betulina*

(Linnaeus 1753) Fries 1838. Ex: fruitbody on *Populus tremula*. Sverdlovsk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Lenzites betulina (Linnaeus 1753) Fries 1838

F-3220 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 4-77. Received as: *Lenzites betulina* (Linnaeus 1753) Fries 1838. Ex: fruitbody on *Betula sp.* Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Lepista nuda (Bulliard 1790) Cooke 1871

F-3305 <-- Semashko A.Yu. A.N. Severtsov Institute of Ecology and Evolution, Moscow, Russia. Received as: *Lepista nuda* (Bulliard 1790) Cooke 1871. Ex: fruitbody. Malinky Biogeocoenological Station of A.N. Severtsov Institute of Ecology and Evolution RAS. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Leptographium hughesii K. Jacobs et al. 1999

F-4324 <-- Aleksandrova A.V. DMA MSU, S 309. Received as: *Leptographium hughesii*. Ex: alluvial sandy soil. Riverside monsoon semi-deciduous polydominant forest with the dominance of *Dipterocarpus alatus*. Dong Nai Province. Vietnam. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Leptographium lundbergii Lagerberg et Melin 1927

F-3911 <-- Aleksandrova A.V. DMA MSU, Cn3. Received as: *Leptographium lundbergii*. Ex: podzolic soil, A1 horizon. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Leptosphaeria coniothyrium (Fuckel 1870) Saccardo 1875

F-2663 <-- CMI, IMI 100389. Received as: *Leptosphaeria coniothyrium*. (IMI 100389). Ex: *Prunus persica*. Ontario. Canada. Risk group: 4. (Medium [13](#), 25°C, C-5, F-1).

Leucoagaricus leucothites (Vittadini 1835) Wasser 1977

F-3303 <-- Ozerskaya S.M. VKM IBPM. Received as: *Leucoagaricus leucothites* (Vittadini 1835) Wasser 1977. Ex: fruitbody. Penza Region, Akhuny. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Leucoagaricus nymphaeum (Kalchbrenner 1873) Bon 1977

F-2989 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-255. Received as: *Macrolepiota puellaris* (Fries 1863) M.M.Moser 1967. Synonym: *Macrolepiota puellaris* (Fries 1863) M.M.Moser 1967. (IBK F-255). Ex: fruitbody. Altai State Nature Reserve. Republic of Altai, Yailu. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4225](#))

Lichtheimia blakesleeana (Lendner 1924) Kerst. Hoffmann et al. 2009

F-589 <-- INMI, VKM F-589 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 482. Received as: *Protoabsidia blakesleeana*. Synonym: *Absidia blakesleeana* Lendner 1924,

Protoabsidia blakesleeana (Lendner 1924) Naumov 1935. Ex: Glycine hispida. Moscow, Russia. Risk group: no. (Medium [9](#), 25°C, C-1, D-1, F-1). ([2232](#), [3068](#))

Lichtheimia blakesleeana (Lendner 1924) Kerst. Hoffmann et al. 2009

F-954 <-- INMI, VKM F-954 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20976-2095. Received as: Absidia glauca. Synonym Absidia blakesleeana Lendner 1924. (VKM F-783). Ex: soil. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1)

Lichtheimia blakesleeana (Lendner 1924) Kerst. Hoffmann et al. 2009

F-1721 <-- INMI, VKM F-1721 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3. Received as: Absidia blakesleeana. Synonym Absidia blakesleeana Lendner 1924. Ex: gopher dung. Volgograd Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([1365](#), [5604](#))

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-507 <-- INMI, VKM F-507 <- Eroshin V.K. IBPM <- National Research Center of Antibiotics, Moscow, Russia, RIA 302. Received as: Syncephalastrum racemosum. Synonym: Mycocladus corymbifer (Cohn 1884) Vanova 1991, Absidia corymbifera (Cohn 1884) Saccardo et Trotter 1912. Other name: Syncephalastrum racemosum Cohn ex J. Schroeter 1886. Risk group: no. (Medium [11](#), 25°C, C-7, D-4, F-1). ([5134](#), [7124](#), [8958](#))

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-513 <-- INMI, VKM F-513 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3059. Received as: Lichtheimia corymbifera. Synonym Mycocladus corymbifer (Cohn 1884) Vanova 1991, Absidia corymbifera (Cohn 1884) Saccardo et Trotter 1912. USSR. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([5134](#), [7124](#), [8958](#))

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-515 <-- INMI, VKM F-515 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 12520. Received as: Lichtheimia corymbifera. Synonym Mycocladus corymbifer (Cohn 1884) Vanova 1991, Absidia corymbifera (Cohn 1884) Saccardo et Trotter 1912. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([1365](#), [2232](#), [4028](#))

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-516 <-- INMI, VKM F-516 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 305. Received as: Lichtheimia corymbifera. Synonym Mycocladus corymbifer (Cohn 1884) Vanova 1991, Absidia corymbifera (Cohn 1884) Saccardo et Trotter 1912. USSR. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2232](#))

***Lichtheimia corymbifera* (Cohn 1884) Vuillemin 1903**

F-517 <-- INMI, VKM F-517 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 399. Received as: *Lichtheimia corymbifera*. Synonym *Mycocladus corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. (VKM F-648). Ex: goose meat in cold conditions. Kharkov. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([8257](#))

***Lichtheimia corymbifera* (Cohn 1884) Vuillemin 1903**

F-518 <-- INMI, VKM F-518 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 466. Received as: *Lichtheimia corymbifera*. Synonym *Mycocladus corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. (VKM F-649). Ex: starch. Kharkov. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1)

***Lichtheimia corymbifera* (Cohn 1884) Vuillemin 1903**

F-519 <-- INMI, VKM F-519 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 594. Received as: *Lichtheimia ramosa*. Synonym *Mycocladus corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2232](#))

***Lichtheimia corymbifera* (Cohn 1884) Vuillemin 1903**

F-520 <-- INMI, VKM F-520 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 150. Received as: *Lichtheimia ramosa*. Synonym *Mycocladus corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Ex: *Trifolium pratense*. Kharkov. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([1365](#))

***Lichtheimia corymbifera* (Cohn 1884) Vuillemin 1903**

F-521 <-- INMI, VKM F-521 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 648. Received as: *Lichtheimia ramosa*. Synonym *Mycocladus corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1)

***Lichtheimia corymbifera* (Cohn 1884) Vuillemin 1903**

F-522 <-- INMI, VKM F-522 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 434. Received as: *Lichtheimia ramosa*. Synonym *Mycocladus corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Ex: antelope dung. Kharkov. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2232](#))

***Lichtheimia corymbifera* (Cohn 1884) Vuillemin 1903**

F-646 <-- INMI, VKM F-646 <- Eroshin V.K. IBPM <- KhGU, 150. Received as: *Lichtheimia ramosa*. Synonym *Mycocladus corymbifer* (Cohn 1884) Vanova

1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-647 <-- INMI, VKM F-647 <- Eroshin V.K. IBPM <- KhGU, 434. Received as: *Lichtheimia ramosa*. Synonym *Mycocladius corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Risk group: no. (Medium [9](#), 25°C, C-13, D-4, F-1, S-5)

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-649 <-- INMI, VKM F-649 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 466. Received as: *Lichtheimia corymbifera*. Synonym *Mycocladius corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. (VKM F-518). Ex: starch. Kharkov. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2763](#), [4028](#))

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-660 <-- INMI, VKM F-660 <- Eroshin V.K. IBPM. Received as: *Actinomucor corymbosus*. Synonym *Mycocladius corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Other name: *Actinomucor corymbosus* Naumov 1935. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1, S-5)

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-965 <-- INMI, VKM F-965 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20998-3053. Received as: *Absidia lichtheimii*. Synonym *Mycocladius corymbifer* (Cohn 1884) Vanova 1991, *Absidia lichtheimii* (Lucet et Costantin 1901) Lendner 1908, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. USSR. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2232](#), [4028](#))

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-1265 <-- INMI, VKM F-1265 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 12. Received as: *Mucor sp.* Synonym *Mycocladius corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Risk group: no. (Medium [11](#), 25°C, C-7, D-4, F-1)

Lichtheimia corymbifera (Cohn 1884) Vuillemin 1903

F-1524 <-- INMI, VKM F-1524 <- CBS, CBS 958.68. Received as: *Absidia hesseltinei*. Synonym *Mycocladius corymbifer* (Cohn 1884) Vanova 1991, *Absidia corymbifera* (Cohn 1884) Saccardo et Trotter 1912. Other name: *Absidia hesseltinei* B.S. Mehrotra et Nand 1967 Type strain. (ATCC 24263; CBS 958.68; NRRL 11841). Risk group: no. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([777](#), [1365](#), [4028](#))

Lichtheimia hyalospora (Saito 1906) Kerst. Hoffmann et al. 2009

F-1435 <-- INMI, VKM F-1435 <- Skryabin G.K. IBPM. Received as: *Absidia*

hyalospora. Synonym: Absidia hyalospora (Saito 1904) Lendner 1908. (CCF 1572). Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([1365](#))

Linderina pennispora Raper et Fennell 1952

F-1219 Òype <-- INMI, VKM F-1219 <- ATCC, ATCC 12442. Received as: *Linderina pennispora*. (ATCC 12442; CBS 312.51; NRRL 2237). Ex: soil. Liberia. Risk group: no. (Medium [9](#), 25°C, C-7, C-13, F-1, S-5). ([579](#), [1365](#), [4028](#), [4029](#))

Lophodermium pinastri (Schrader 1799) Chevallier 1826

F-3221 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 2 <- Hanso M.E. The Estonian Research Institute of Forestry and Nature Conservation, Tartu, Estonia. Received as: *Lophodermium pinastri*. (EMI A314). Ex: *Pinus* **sp.** Latvia. Risk group: no. (Medium [11](#), 25°C, S-4, S-5). ([6379](#))

Lycoperdon perlatum Persoon 1796

F-1161 <-- INMI, VKM F-1161 <- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IMAS.1. Received as: *Lycoperdon perlatum* Persoon 1796. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Lycoperdon pyriforme Schaeffer 1774

F-1164 <-- INMI, VKM F-1164 <- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-415 <- MW, 118a. Received as: *Lycoperdon pyriforme* Schaeffer 1774. (IBK F-415). Eberswald. Germany. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Lycoperdon pyriforme Schaeffer 1774

F-3683 <-- Eremina S.S. VKM IBPM <- Yashina S.G., Shabaeva E.V. Institute of Cell Biophysics RAS, Pushchino, Moscow Region, Russia, G-50. Received as: *Lycoperdon pyriforme* Schaeffer 1774. Ex: fungus, fruitbody on decaying wood. Mixed forest, Prioksko-Terrasny Nature Biosphere Reserve named after Mikhail Zablotsky. Moscow Region, Serpukhov District. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Macrolepiota mastoidea (Fries 1821) Singer 1951

F-3133 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-132. Received as: *Macrolepiota gracilentata* (Krombholz 1836) Wasser 1978. Synonym: *Macrolepiota gracilentata* (Krombholz 1836) Wasser 1978. Ex: fruitbody. Broad-leaved forest, Lazovsky State Nature Reserve. Primorsky Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([4225](#))

Macrolepiota procera (Scopoli 1772) Singer 1948

F-3304 <-- Djuakov M.Yu. DMA MSU. Received as: *Macrolepiota procera* (Scopoli 1772) Singer 1948. Ex: fruitbody. Penza Region, Akhuny. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([4225](#))

Magnusiomyces magnusii (F. Ludwig 1886) Redhead et Malloch 1977

F-2930 <-- INMI, VKM Y-1072 <- Kochova-Kratochvilova A. Culture Collection of Yeasts, Institute of Chemistry, Slovak Academy of Sciences, Bratislava, Slovak, CCY 42-1-1<- CBS. Received as: *Endomyces magnusii*. Synonym: *Dipodascus magnusii* (F.Ludwig 1886) von Arx 1977, *Endomyces magnusii* F.Ludwig 1886. (CCY 42-1-1). Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5).

Malbranchea flavorosea Sigler et J.W. Carmichael 1976

F-4093 <-- Ivanushkina N.E. VKM IBPM. Received as: *Chrysosporium europae*. Other name: *Chrysosporium europae* Sigler et al. 1986. Ex: permafrost, Bellingshausen Station, hole A11/08, depth 3,20-3,30 m. King George Island, Antarctica. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Malbranchea pulchella Saccardo et Penzig 1882

F-4778 <-- VKM IBPM, VKM FW-2684. Received as: *Malbranchea pulchella*. Ex: permafrost, volcanic ash, hole 10/04, depth 8,55 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: no. (Medium [11](#), 25°C, S-5, F-1, C-8)

***Malbranchea* sp.**

F-2118 <-- INMI, VKM F-2118 <- Sharapov V.M. Biological Institute SD RAS, 1L/72. Received as: *Chrysosporium hirundo*. Synonym: *Chrysosporium hirundo* Scharapov 1978 Type strain. (CBS 668.78; UAMH 4689). Ex: nest of *Hirundo rustica*. Novosibirsk Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([151](#))

Mammaria echinobotryoides Cesati 1854

F-4762 <-- VKM IBPM, VKM FW-3304. Received as: *Mammaria echinobotryoides*. Ex: soil from a constantly used tracked vehicle road rut near a diesel power station, Bellingshausen Station, soil pit LA57-BI-04 (1) (road), depth 0–0,05 m. King George Island, Antarctica. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Mariannaea elegans (Corda 1838) Samson 1974

F-1595 <-- INMI, VKM F-1595 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 56844. Received as: *Paecilomyces elegans*. Synonym: *Paecilomyces elegans* (Corda 1838) E.W.Mason et S.Hughes 1951. Ex: soil. Ash planting. Kirovograd Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Mariannaea elegans (Corda 1838) Samson 1974

F-2102 <-- INMI, VKM F-2102 <- TUB. Received as: *Paecilomyces elegans*. Synonym *Paecilomyces elegans* (Corda 1838) E.W.Mason et S.Hughes 1951. (DAOM 148.429). Ex: domestic dust. Ottawa. Canada. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Mariannaea elegans (Corda 1838) Samson 1974

F-2820 <-- Rudakov O.L. INMI, VKM MF-440. Received as: *Paecilomyces elegans*.

Ex: fungus, Fomes fomentarius. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Mariannaea elegans (Corda 1838) Samson 1974

F-3809 <-- Aleksandrova A.V. DMA MSU. Received as: *Mariannaea elegans* var. *punicea*. Ex: soddy-podzolic soil, A1 horizon. Pine-spruce forest, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Mariannaea elegans (Corda 1838) Samson 1974 var. *elegans*

F-1329 <-- INMI, VKM F-1329 <- Milko A.A., 1550. Received as: *Paecilomyces elegans*. Synonym *Paecilomyces elegans* (Corda 1838) E.W.Mason et S.Hughes 1951. Ex: forest soil. Zakarpattia Region, Svaliava. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([7652](#))

Mariannaea elegans (Corda 1838) Samson 1974 var. *elegans*

F-2414 <-- IBPM, IBPM F-248 <- DMA MSU. Received as: *Spicaria elegans*. Synonym *Spicaria elegans* (Corda 1838) Harz 1871, *Paecilomyces elegans* (Corda 1838) E.W.Mason et S.Hughes 1951. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Melanconium apiocarpum Link 1825

F-3253 <-- Ivanushkina N.E. VKM IBPM, g7. Received as: *Melanconium apiocarpum*. Ex: *Alnus incana*, dried branch. Nizhnesvirsky State Nature Reserve, Segezh Forestry. Leningrad Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Melanconium bicolor Nees 1817

F-3254 <-- Ivanushkina N.E. VKM IBPM, g8. Received as: *Melanconium bicolor*. Ex: *Betula pendula*, dried branch. Nizhnesvirsky State Nature Reserve, Segezh Forestry. Leningrad Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Melanocarpus albomyces (Cooney et R. Emerson 1964) Arx 1975

F-1737 <-- INMI, VKM F-1737 <- Shkurenko V.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 64146. Received as: *Myriococcum albomyces*. Synonym: *Myriococcum albomyces* Emerson 1964. Ex: meadow soil. Cherkassy Region. Ukraine. Risk group: no. (Medium [14](#), 45°C, C-1, S-5). ([7396](#))

Melanocarpus albomyces (Cooney et R. Emerson 1964) Arx 1975

F-1738 <-- INMI, VKM F-1738 <- Shkurenko V.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 64149. Received as: *Myriococcum albomyces*. Synonym *Myriococcum albomyces* Cooney et Emerson 1964. Ex: meadow soil. Cherkassy Region. Ukraine. Risk group: no. (Medium [14](#), 40°C, F-1, S-4). ([7396](#))

Melanospora betae Panasenko 1938

F-1348 <-- INMI, VKM F-1348 <- Milko A.A., M71. Received as: Genus **sp.** Ex:

soil. Zhitomir Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Melanospora damnosa (Saccardo 1895) Lindau 1897

F-2885 <-- Rudakov O.L. INMI, VKM MF-583 <- ATCC, ATCC 16484, 16485. Received as: *Gonatobotrys simplex*. Synonym: *Gonatobotrys simplex* Corda 1839, *Sphaeroderma damnosum* Saccardo 1895. (ATCC 16484; ATCC 16485). Ex: fungus, *Cladosporium sp.* on rabbit (*Oryctolagus sp.*) dung. Maryland. USA. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Melanospora phaseoli Roll-Hansen 1948

F-809 Øype <-- INMI, VKM F-809 <- Norwegian Forest Research Institute, 564/6. Received as: *Melanospora phaseoli*. (CBS 220.60; IMI 80104). Ex: *Phaseolus vulgaris*, cultivar Olsok, seeds. Ostfold. Norway. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Melanospora sp.

F-1888 <-- INMI, VKM F-1888 <- Milko A.A., 1344. Received as: *Melanospora sp.* Ex: water. Volga River. Russia. Risk group: no. (Medium [14](#), 25°C, S-5)

Melanospora sp.

F-1889 <-- INMI, VKM F-1889 <- Milko A.A., 1309. Received as: *Melanospora sp.* Ex: water. Volga River. Russia. Risk group: no. (Medium [14](#), 25°C, S-5)

Memnoniella echinata (Rivolta 1884) Galloway 1933

F-167 <-- INMI, VKM F-167 <- LCP, LCP 381. Received as: *Haplographium echinatum*. Synonym: *Haplographium echinatum* (Rivolta 1884) Saccardo 1886. (LCP 381). Ex: sandy soil. Sahara Desert. Beni-Abbes. Algeria. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1812](#))

Memnoniella echinata (Rivolta 1884) Galloway 1933

F-896 <-- INMI, VKM F-896 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 273. Received as: *Haplographium echinatum*. Synonym *Haplographium echinatum* (Rivolta 1884) Saccardo 1886. Ex: *Daucus carota*. Kharkov. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Menispora ciliata Corda 1837

F-1359 <-- INMI, VKM F-1359 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Menispora sp.* Ex: forest-mouse dung. Pine seed scale. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-5, C-7, F-1, S-5).

Menispora tortuosa Corda 1839

F-4013 <-- Aleksandrova A.V. DMA MSU, 64. Received as: *Menispora tortuosa*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Merimbla ingelheimense (J.F.H. Beyma 1942) Pitt 1980

- F-444 <-- INMI, VKM F-444 <- National Research Center of Antibiotics, Moscow, Russia, RIA 287 <- Vintrova, Biological Institute Czechoslovak Academy of Sciences. Received as: *Penicillium avellaneum*. Synonym: *Penicillium avellaneum* Thom et Turesson 1915. Risk group: no. (Medium [12](#), 25°C, D-4, F-1).
- Merimbla ingelheimense*** (J.F.H. Beyma 1942) Pitt 1980
- F-3232 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3138 <- Kirilenko T.S., 3138. Received as: *Penicillium avellaneum*. Synonym *Penicillium avellaneum* Thom et Turesson 1915. Ex: alfalfa rhizosphere, *Medicago* **sp.** Kherson Region. Ukraine. Risk group: no. (Medium [12](#), 25°C, F-1, S-5)
- Metarhizium anisopliae*** (Metschnikoff 1879) Sorokin 1883
- F-1490 <-- INMI, VKM F-1490 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52071. Received as: *Myrothecium commune*. Synonym: *Myrothecium commune* Pidoplichko et Kirilenko 1969 Type strain. (ATCC 22269; CBS 130.71). Ex: *Avena sativa*, root. Kiev, Feofania. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([8862](#), [5436](#), [5604](#))
- Metarhizium anisopliae*** (Metschnikoff 1879) Sorokin 1883
- F-1712 <-- INMI, VKM F-1712 <- Evlakhova A.A. VIZR. Received as: *Metarhizium anisopliae*. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)
- Metarhizium anisopliae*** (Metschnikoff 1879) Sorokin 1883
- F-4358 <-- Aleksandrova A.V. DMA MSU, TCL 4. Received as: *Metarhizium anisopliae*. Ex: litter, bottom layer. Tver Region, Staritsy District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)
- Microascus cirrosus*** Curzi 1930
- F-424 <-- INMI, VKM F-424 <- CBS, CBS 213.27. Received as: *Torula paisii*. State: am - *Torula paisii* Pollacci 1921 Type strain. (CBS 213.27; IMI 36480; LSHB Sc.84; MUCL 7915). Ex: man. Italy. Risk group: 4. (Medium [14](#), 25°C, C-5, S-4, S-5). ([7456](#))
- Microascus trigonosporus*** C.W. Emmons et B.O. Dodge 1931 var. *terreus* Kamyschko 1966
- F-1144 Type <-- INMI, VKM F-1144 <- Kamyschko O.P. VIZR, 2668/2. Received as: *Microascus trigonosporus* var. *terreus*. (ATCC 22360; CBS 601.67; NRRL A-18283). Ex: soil. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-8, D-4, F-1, S-5). ([143](#), [7435](#), [7456](#))
- Microbotryum silenes-inflatae*** (de Candolle 1815 ex Liro 1924) G. Deml et Oberwinkler 1982
- F-2974 <-- Oberwinkler F., Germany, GD 1010.00. Received as: *Microbotryum silenes-inflatae* (de Candolle 1815 ex Liro 1924) G.Deml et Oberwinkler 1982. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5).
- Microbotryum vinosum*** (Tulasne et C. Tulasne 1847) Denchev 1994

F-2973 <-- Oberwinkler F., Germany, GD 1375.00. Received as: *Ustilago vinosa* (Berkeley 1847) Tulasne et C.Tulasne 1847. Synonym: *Ustilago vinosa* (Berkeley 1847) Tulasne et C.Tulasne 1847. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5)

Microbotryum violaceum (Persoon 1797) G. Deml et Oberwinkler 1982

F-2976 <-- Oberwinkler F., Germany, GD 933.00. Received as: *Microbotryum violaceum* (Persoon 1797) G. Deml et Oberwinkler 1982. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5)

Microdiplodia pruni Diedicke 1914

F-1481 <-- INMI, VKM F-1481 <- Milko A.A., 48. Received as: *Diplodia pruni*. Ex: *Armeniaca sp.*, fruit. Erevan. Armenia. Risk group: no. (Medium [11](#), 25°C, C-8, S-5). ([7396](#))

Microdochium nivale (Fries 1825) Samuels et I.C. Hallett 1983

F-3106 <-- Polyanskaya L.M. DSB MSU, 2-1a-39. Received as: *Fusarium nivale*. Synonym: *Fusarium nivale* (Fries 1849) Sorauer 1901. Ex: soil. Stavropol Territory, Pyatigorsk. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([9005](#), [5007](#), [5603](#), [5907](#), [6372](#), [7541](#), [7743](#), [7843](#), [8943](#), [8937](#))

Microsphaeropsis olivacea (Bonorden 1869) Hohnell 1917

F-2662 <-- CBS, CBS 159.37. Received as: *Coniothyrium olivaceum*. Synonym: *Coniothyrium olivaceum* Bonorden 1869. (CBS 159.37; MUCL 9572). Ex: *Cydonia vulgaris*. Germany. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Microsphaeropsis paliformis Matsushima 2001

F-4322 <-- Aleksandrova A.V. DMA MSU, S 330. Received as: *Microsphaeropsis paliformis*. Ex: litter, mostly *Dipterocarpus alatus*. Riverside monsoon semi-deciduous polydominant forest with the dominance of *Dipterocarpus alatus*. Dong Nai Province. Vietnam. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Mirandina corticola G. Arnaud 1952 ex Matsushima 1975

F-2161 <-- INMI, VKM F-2161 <- Milko A.A. IBIW, 4596. Received as: *Mirandina corticola*. Ex: *Betula sp.*, falling leaf. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Monascus purpureus Went 1895

F-3968 <-- Plekhanov Russian Academy of Economics, Moscow, Russia, 3. Received as: *Monascus purpureus*. Ex: candy. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1).

Monascus ruber van Tieghem 1884

F-4065 <-- Aleksandrova A.V. DMA MSU, 19. Received as: *Monascus ruber*. Ex: peat-dung compost. Peat from Shatura, dung from Petelin battery farm, All-Russian Scientific Research and Planning Technological Institute for Chemicalization of Agriculture (VNIPTIHIM). Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

***Monascus* sp.**

F-2140 <-- INMI, VKM F-2140 <- Milko A.A. IBIW, IBIW 735-46. Received as: *Monascus* sp. Ex: grain. Orenburg Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Monilia brunnea J.C. Gilman et E.V. Abbott 1927

F-170 <-- INMI, VKM F-170 <- CBS, CBS 240.33. Received as: *Monilia brunnea*. (CBS 240.33; DSM 1362). Ex: soil. Republic of Egypt. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5).

Monilia diversispora J.F.H. Beyma 1933

F-172 <-- INMI, VKM F-172 <- CBS. Received as: *Monilia diversispora*. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Monilia medoacensis (Saccardo 1913) J.F.H. Beyma 1933

F-177 <-- INMI, VKM F-177 <- CBS, CBS 222.32. Received as: *Monilia medoacensis*. Ex: *Nicotiana* sp. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Monilia shawi P. Filho

F-180 <-- INMI, VKM F-180 <- IOC, IOC 2546. Received as: *Monilia shawi*. (IOC 2546). Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Moniliella suaveolens (Lindner 1895 ex Lindner 1906) Arx 1972 var. *nigra* (Burri et Staub 1909) de Hoog 1979

F-171 <-- INMI, VKM F-171 <- CBS, CBS 220.32. Received as: *Monilia cerebriformis*. Synonym: *Monilia cerebriformis* J.F.H. Beyma 1933. (CBS 220.32; MUCL 11526). Ex: *Nicotiana tabacum*, dead leaf. England. UK. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Moniliella suaveolens (Lindner 1895 ex Lindner 1906) Arx 1972 var. *nigra* (Burri et Staub 1909) de Hoog 1979

F-176 <-- INMI, VKM F-176 <- CBS, CBS 221.32. Received as: *Monilia macrospora*. Synonym *Monilia macrospora* van Beyma 1933 Type strain. (CBS 221.32; MUCL 11527). Ex: *Nicotiana tabacum*, dead leaf. England. UK. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Moniliella suaveolens (Lindner 1895 ex Lindner 1906) Arx 1972 var. *nigra* (Burri et Staub 1909) de Hoog 1979

F-178 <-- INMI, VKM F-178 <- CBS, CBS 223.32. Received as: *Monilia microspora*. Synonym *Monilia microspora* van Beyma 1933 Type strain. (CBS 223.32; MUCL 11529). Ex: *Nicotiana tabacum*, dead leaf. England. UK. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Moniliella suaveolens (Lindner 1895 ex Lindner 1906) Arx 1972 var. *nigra* (Burri et Staub 1909) de Hoog 1979

F-423 *Ò*type <-- INMI, VKM F-423 <- CBS, CBS 350.33. Received as: *Monilia mellis*. Synonym *Moniliella mellis* (Fabian et Quinet 1928) Rao et de Hoog 1975 Type strain, *Torula mellis* Fabian et Quinet 1928 Type strain. (CBS 350.33; MUCL 7904). Ex: honey. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1,

S-5). ([3068](#))

Moniliella suaveolens (Lindner 1895 ex Lindner 1906) Arx 1972 var. *suaveolens*

F-404 <-- INMI, VKM F-404 <- CBS, CBS 101.20 <- Botanisch Laboratorium, Utrecht University, Utrecht, Netherlands. Received as: *Sachsia suaveolens*. Synonym *Sachsia suaveolens* Lindner 1895 ex Lindner 1906. (CBS 101.20; DSM 2400). Netherlands. Risk group: no. (Medium [9](#), 25°C, C-1, F-1, S-5)

Monilinia fructigena (Aderhold et Ruhland 1905) Honey 1936

F-839 <-- INMI, VKM F-839 <- MW. Received as: *Monilia fructigena*. Synonym: *Sclerotinia fructigena* Aderhold et Ruhland 1905. Risk group: no. (Medium [13](#), 25°C, C-5, S-5).

Monochaetia concentrica (Berkeley et Broome 1874) Saccardo et D. Saccardo 1906

F-4073 <-- Ivanushkina N.E. VKM IBPM, 1.2.1/5. Received as: *Monochaetia concentrica*. Ex: *Castanea saliva*, bark. Bartin Province, Amasra, Zurnaci. Republic of Turkey. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([4895](#))

Monochaetia dimorphospora T. Yokoyama 1975

F-3268 <-- Ivanushkina N.E. VKM IBPM, X 11/1. Received as: *Monochaetia dimorphospora*. Ex: *Cerasus sachalinensis*, leaf. Kedrovaya River, low stream, Kedrovaya Pad Nature Reserve, Far East. Primorsky Territory. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Monochaetia karstenii (Corda 1839) Nag Raj 1985

F-3849 <-- Aleksandrova A.V. DMA MSU, Dm52. Received as: *Pestalotiopsis maculans*. Synonym: *Pestalotiopsis maculans* (Corda 1839) Nag Raj 1985. Ex: deer mice, *Peromyscus leucopus*, fur. Powdermill Biological Station. Pennsylvania. USA. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Monocillium dimorphosporum W. Gams 1971

F-3032 <-- Pertsova R.N. IBPM, 3/14. Received as: *Monocillium dimorphosporum*. Ex: soil. Tashkent Region. Uzbekistan. Risk group: no. (Medium [11](#), 25°C, F-1, S-5).

Monocillium indicum S.B. Saksena 1955

F-1463 <-- INMI, VKM F-1463 <- LWP, 1104. Received as: *Cephalosporium glutineum* Kamyschko 1961. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5). ([2068](#))

Monocillium nordinii (Bourchier 1961) W. Gams 1971

F-2115 Authentic strain <-- INMI, VKM F-2115 <- TUB, DAOM 75.184. Received as: *Cephalosporium nordinii*. Synonym: *Cephalosporium nordinii* Bourchier 1961. (CBS 116.70; DAOM 75184). Ex: wood, *Pinus contorta*. Alberta. Canada. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Monocillium tenue W. Gams 1971

F-2860 <-- Rudakov O.L. INMI, VKM MF-543 <- CBS, CBS 772.69. Received as: *Monocillium tenue*. (CBS 772.69). Ex: fungus, *Bulgaria inquinans*.

Germany. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1355](#))

Monocillium tenue W. Gams 1971

F-2861 <-- Rudakov O.L. INMI, VKM MF-544 <- CBS, CBS 198.70. Received as: *Monocillium tenue*. (CBS 198.70). Ex: fungus, Fomitopsis penicola. Austria. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([1355](#))

Monodictys paradoxa (Corda 1938) S. Hughes 1958

F-2985 <-- Sizova T.P. DMA MSU <- Toskina I.N. RIR. Received as: *Monodictys paradoxa*. Ex: wood. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Mortierella alliacea Linnemann 1953

F-1526 <-- INMI, VKM F-1526 <- CBS, CBS 894.68. Received as: *Mortierella alliacea*. (CBS 894.68). Ex: alpine raw humus soil. Tirol, Obergurgl. Austria. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella alpina Peyronel 1913

F-927 <-- INMI, VKM F-927 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 30. Received as: *Mortierella alpina*. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, C-12, D-4, F-1, S-4, S-5). ([1365](#), [1738](#))

Mortierella alpina Peyronel 1913

F-1609 <-- INMI, VKM F-1609 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2205 (c). Received as: *Mortierella alpina*. Ex: soil. Coniferous forest. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella alpina Peyronel 1913

F-1630 <-- INMI, VKM F-1630 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 81. Received as: *Mortierella alpina*. Ex: soil. Zhitomir Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, D-4, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella ambigua B.S. Mehrotra 1963

F-926 <-- INMI, VKM F-926 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 84. Received as: *Mortierella ambigua*. (CBS 457.66). Ex: soil. Armenia. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([2864](#), [6756](#))

Mortierella beljakovae Milko 1973

F-1608 Type <-- INMI, VKM F-1608 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3841. Received as: *Mortierella beljakovae*. (CBS 123.72). Ex: marshy soil. Coniferous forest. Rovno Region, Sarna. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-12, S-4, S-5). ([422](#), [1365](#), [2708](#), [2864](#), [6756](#))

Mortierella capitata Marchal 1891

F-1533 <-- INMI, VKM F-1533 <- CBS, CBS 648.68. Received as: *Mortierella vesiculosa*. Synonym: *Mortierella vesiculosa* B.S. Mehrotra, Bajjal et B.R. Mehrotra 1963 Type strain. (CBS 648.68; NRRL A-12039). Ex: forest soil. Rishikesh. India. Risk group: no. (Medium [11](#), 25°C, C-1, C-5, C-7, C-8, C-11, D-4, F-1, S-4, S-5)

Mortierella dichotoma Linnemann 1936 ex W. Gams 1977

F-1407 Òype <-- INMI, VKM F-1407 <- CBS, CBS 221.35. Received as: *Mortierella dichotoma*. (CBS 221.35). Ex: mouse dung. Germany. Risk group: no. (Medium [11](#), 25°C, C-8, C-11, D-4, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella elasson Sideris et G.E. Paxton 1929

F-1406 Authentic strain <-- INMI, VKM F-1406 <- CBS, CBS 219.29. Received as: *Mortierella elasson*. (CBS 219.29). USA. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([9169](#), [1365](#), [1738](#))

Mortierella elasson Sideris et G.E. Paxton 1929

F-1417 Òype <-- INMI, VKM F-1417 <- CBS, CBS 220.29. Received as: *Mortierella elasson*. (CBS 220.29). Ex: Ananas sativus, root. USA. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, D-4, S-4, S-5). ([2864](#), [6756](#))

Mortierella elongata Linnemann 1941

F-524 <-- INMI, VKM F-524 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 11864. Received as: *Mortierella elongata*. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([1738](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella elongata Linnemann 1941

F-1614 <-- INMI, VKM F-1614 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2193. Received as: *Mortierella elongata*. Ex: soil. Coniferous forest. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-4, S-5). ([8090](#), [1365](#), [1738](#), [2864](#), [5378](#), [5604](#), [6756](#), [7124](#), [8253](#), [8958](#))

Mortierella exigua Linnemann 1941

F-1534 <-- INMI, VKM F-1534 <- CBS, CBS 655.68. Received as: *Mortierella sterilis*. Synonym: *Mortierella sterilis* B.S.Mehrotra et B.R.Mehrotra 1964 Type strain. (CBS 655.68; NRRL A-12768). Ex: agricultural soil. Allahabad. India. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-11, C-12, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella exigua Linnemann 1941

F-1647 <-- INMI, VKM F-1647 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3840. Received as: *Mortierella spinosa*. Synonym *Mortierella spinosa* Linnemann 1936. Ex: forest soil. Bog. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella gamsii Milko 1974

F-1402 Òype <-- INMI, VKM F-1402 <- CBS, CBS 749.68. Received as: *Mortierella candelabrum*. Synonym: *Mortierella candelabrum* van Tieghem et le Monnier 1873, *Mortierella spinosa* Linnemann 1936. (CBS 749.68). Ex: soil. Hertenkamp Maarschalksbos. Baarn. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, S-4, S-5). ([1365](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella gamsii Milko 1974

F-1529 <-- INMI, VKM F-1529 <- CBS, CBS 308.52. Received as: *Mortierella mutabilis*. Other name: *Mortierella mutabilis* Linnemann 1941. (CBS 308.52). Germany. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-4, S-5). ([153](#), [1365](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella gamsii Milko 1974

F-1641 <-- INMI, VKM F-1641 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 197. Received as: *Mortierella spinosa*. Synonym *Mortierella spinosa* Linnemann 1936. Ex: soil. Coniferous forest. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-12, C-11, S-4, S-5). ([1365](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella gamsii Milko 1974

F-1642 <-- INMI, VKM F-1642 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3847. Received as: *Mortierella spinosa*. Synonym *Mortierella spinosa* Linnemann 1936. Ex: forest soil. Bog. Rovno Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-5). ([1365](#), [1738](#), [2864](#), [6756](#))

Mortierella gamsii Milko 1974

F-1643 <-- INMI, VKM F-1643 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4. Received as: *Mortierella spinosa*. Synonym *Mortierella spinosa* Linnemann 1936. Ex: soil. Coniferous forest. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-5). ([2864](#), [6756](#))

Mortierella gamsii Milko 1974

F-1646 <-- INMI, VKM F-1646 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1. Received as: *Mortierella spinosa*. Synonym *Mortierella spinosa* Linnemann 1936. Ex: soil. Coniferous forest. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-5). ([2864](#), [6756](#))

Mortierella gemmifera M. Ellis 1940

F-1252 <-- INMI, VKM F-1252 <- DMA MSU, 578. Received as: *Mortierella gemmifera*. Ex: wood. USSR. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, D-4, S-4, S-5). ([1738](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella gemmifera M. Ellis 1940

F-1631 <-- INMI, VKM F-1631 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 6-1. Received as: *Mortierella gemmifera*. Ex: soil. Coniferous forest. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, D-4, F-1, S-4, S-5). ([1365](#), [1738](#), [2864](#), [5604](#), [6756](#), [7124](#), [8958](#))

Mortierella gemmifera M. Ellis 1940

F-1651 <-- INMI, VKM F-1651 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4084. Received as: *Mortierella gemmifera*. Ex: peat. Pine forest, bog. Zhitomir Region, Narodich. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-12, S-4, S-5). ([1365](#), [7124](#), [8958](#))

Mortierella globulina W. Gams et Veenbaas-Rijks 1976

F-1527 Òype <-- INMI, VKM F-1527 <- CBS, CBS 360.70. Received as: *Mortierella antarctica*. (CBS 360.70; CECT 2978; IPO 825). Ex: agricultural soil. Eastern Flevoland. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([1365](#), [2708](#))

Mortierella globulifera O. Rostrup 1916

F-1408 <-- INMI, VKM F-1408 <- Institute of Microbiology, Stockholm, Sweden. Received as: *Mortierella globulifera*. (CBS 108.68). Sweden. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5). ([1365](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella globulifera O. Rostrup 1916

F-1448 <-- INMI, VKM F-1448 <- CBS, CBS 746.68. Received as: *Mortierella globulifera*. (CBS 746.68). Ex: agricultural soil. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([1365](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella globulifera O. Rostrup 1916

F-1495 <-- INMI, VKM F-1495 <- CBS, CBS 417.64. Received as: *Mortierella ericetorum*. Synonym *Mortierella ericetorum* Linnemann 1953 Type strain. MT+. (CBS 417.64). Ex: soil under *Erica carnea* and *Polygala chamaebuxus*. Isar River. Upper Bavaria (Oberbayern). Germany. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-11, D-4, S-4, S-5). ([933](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella horticola Linnemann 1941

F-1492 <-- INMI, VKM F-1492 <- CBS, CBS 869.68. Received as: *Mortierella horticola*. Other name: *Mortierella humilis* Linnemann 1936 ex W. Gams 1977. (ATCC 16267; CBS 869.68). Ex: soil. Wheat field. Kiel-Kitzeberg. Germany. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-5). ([1365](#))

Mortierella horticola Linnemann 1941

F-1530 Òype <-- INMI, VKM F-1528 <- CBS, CBS 305.52. Received as: *Mortierella horticola*. Other name: *Mortierella humilis* Linnemann 1936 ex W. Gams 1977. (CBS 305.52). Ex: soil. Germany. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([153](#), [1365](#))

Mortierella humilis Linnemann 1936 ex W. Gams 1977

F-1494 <-- INMI, VKM F-1494 <- CBS, CBS 745.68. Received as: *Mortierella humilis*. MT-. (CBS 745.68). Ex: garden soil. Baarn, Eemnesserweg 90. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-5). ([1365](#), [7124](#), [8958](#))

Mortierella humilis Linnemann 1936 ex W. Gams 1977

F-1528 Òype <-- INMI, VKM F-1528 <- CBS, CBS 222.35. Received as: *Mortierella humilis*. MT-. (CBS 222.35). Ex: soil. Pine forest. Mexico City. Mexico. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5). ([1365](#), [7124](#), [8958](#))

Mortierella humilis Linnemann 1936 ex W. Gams 1977

F-1611 <-- INMI, VKM F-1611 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3800b. Received as: *Mortierella humilis*. Ex: marshy soil. Coniferous forest. Rovno Region, Sarna. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, S-4, S-5). ([1365](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella humilis Linnemann 1936 ex W. Gams 1977

F-1650 <-- INMI, VKM F-1650 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4099. Received as: *Mortierella humilis*. Ex: forest soil. Felling area, bog. Zhitomir Region, Slavichansk District, Kovanka. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([401](#), [2864](#), [6756](#))

Mortierella humilis Linnemann 1936 ex W. Gams 1977

F-1652 <-- INMI, VKM F-1652 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4085. Received as: *Mortierella humilis*. Ex: soil. Pine forest, bog. Kiev Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([1365](#), [2864](#), [5604](#), [6756](#))

Mortierella hyalina (Harz 1871) W. Gams 1970 var. *hyalina*

F-919 <-- INMI, VKM F-919 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 090 ca. Received as: *Mortierella hygrophila*. Synonym: *Mortierella hygrophila* Linnemann 1936. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, C-7, D-4, S-4). ([1365](#), [2864](#), [6756](#))

Mortierella hyalina (Harz 1871) W. Gams 1970 var. *hyalina*

F-1629 <-- INMI, VKM F-1629 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 309-1569. Received as: *Mortierella hygrophila*. Synonym *Mortierella hygrophila* Linnemann 1936. Ex: peat. Zhitomir Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, D-4, F-1, S-4, S-5). ([1365](#), [1738](#), [2864](#), [6756](#), [7124](#), [8958](#))

Mortierella hyalina (Harz 1871) W. Gams 1970 var. *hyalina*

F-1854 <-- INMI, VKM F-1854 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine, 614. Received as: *Mortierella hygrophila* var. *minuta*. Synonym *Mortierella hygrophila* Linnemann 1936 var. *minuta* Linnemann 1941. Ex: water. Volga River, Ivankovsky Reservoir. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, F-1, S-5). ([5677](#), [5710](#), [7124](#), [8958](#))

Mortierella jenkinii (A.L. Smith 1898) Naumov 1935

F-949 <-- INMI, VKM F-949 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20. Received as: *Mortierella jenkinii*. Ex: forest-mouse dung. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([401](#), [2864](#), [6756](#))

Mortierella jenkinii (A.L. Smith 1898) Naumov 1935

F-1395 <-- INMI, VKM F-1395 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 127. Received as: *Mortierella jenkinii*. Ex: rodents dung. Zakarpattia Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5)

Mortierella jenkinii (A.L. Smith 1898) Naumov 1935

F-1442 <-- INMI, VKM F-1442 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 127. Received as: *Mortierella jenkinii*. Ex: forest-mouse dung. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-11, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella lignicola (G.W. Martin 1937) W. Gams et R. Moreau 1959

F-1438 <-- INMI, VKM F-1438 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 100. Received as: *Mortierella lignicola*. Ex: *Betula* sp., bark. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-11, C-12, D-4, F-1, S-4, S-5). ([1365](#), [1738](#), [2864](#), [6756](#))

Mortierella minutissima van Tieghem 1878

F-1098 <-- INMI, VKM F-1098 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2961. Received as: *Mortierella minutissima*. Ex: forest soil. Novosibirsk Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-5, C-11, D-4, S-4, S-5). ([2864](#), [6756](#))

Mortierella minutissima van Tieghem 1878

F-1639 <-- INMI, VKM F-1639 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 360. Received as: *Mortierella minutissima*. Ex: peat. Zhitomir Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, C-12, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella minutissima van Tieghem 1878

F-1771 <-- INMI, VKM F-1771 <- Danilo Zabolotny Institute of Microbiology and

Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4296. Received as: *Mortierella minutissima*. Ex: soil. Furrow peat bog. Chernigov Region, Olishevka District, Ivanovka. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, C-12, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella minutissima van Tieghem 1878

F-1884 <-- INMI, VKM F-1884 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3725. Received as: *Mortierella minutissima*. Ex: bottom water. Volga River. Astrakhan Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([2864](#), [6756](#))

Mortierella mutabilis Linnemann 1941

F-1640 <-- INMI, VKM F-1640 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3845. Received as: *Mortierella spinosa* var. *mutabilis*. Synonym: *Mortierella spinosa* Linnemann 1936 var. *mutabilis* (Linnemann 1941) Milko 1974. (VKM F-1684). Ex: bog. Coniferous-birch forest. Rovno Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, C-12, F-1, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella mutabilis Linnemann 1941

F-1684 <-- INMI, VKM F-1684 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3845. Received as: *Mortierella spinosa* var. *mutabilis*. Synonym: *Mortierella spinosa* Linnemann 1936 var. *mutabilis* (Linnemann 1941) Milko 1974. (VKM F-1640). Ex: bog. Rovno Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, D-4, S-4, S-5). ([1365](#))

Mortierella oligospora Bjoerling 1936

F-1404 Øype <-- INMI, VKM F-1404 <- CBS, CBS 199.32. Received as: *Mortierella oligospora*. Other name: *Haplosporangium bisporale* Thaxter 1914. (CBS 199.32). Risk group: no. (Medium [11](#), 25°C, C-5, C-8, C-12, D-4, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella parvispora Linnemann 1941

F-523 <-- INMI, VKM F-523 <- Williams S.T., Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Mortierella parvispora*. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, F-1, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella parvispora Linnemann 1941

F-536 <-- INMI, VKM F-536 <- Williams S.T., Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Mortierella parvispora*. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, F-1, S-4, S-5). ([401](#), [1365](#), [2864](#), [6756](#))

Mortierella parvispora Linnemann 1941

F-950 <-- INMI, VKM F-950 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine, 75631. Received as: *Mortierella turficola*. Other name: *Mortierella turficola* Y. Ling 1930. Ex: forest soil. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella parvispora Linnemann 1941

F-1493 <-- INMI, VKM F-1493 <- CBS, CBS 445.68. Received as: *Mortierella gracilis*. Synonym *Mortierella gracilis* Linnemann 1941. (CBS 445.68). Ex: soil. Beetroot field. Wageningen. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella parvispora Linnemann 1941

F-1547 <-- INMI, VKM F-1547 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 8-2. Received as: *Mortierella parvispora*. Ex: forest soil. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-7, C-11, C-12, F-1, S-4, S-5). ([2864](#), [6756](#))

Mortierella parvispora Linnemann 1941

F-1610 <-- INMI, VKM F-1610 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3834. Received as: *Mortierella parvispora*. Ex: bog. Coniferous forest. Rovno Region, Sarna. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella polycephala Coemans 1863

F-953 <-- INMI, VKM F-953 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3. Received as: *Mortierella polycephala*. (CBS 456.66; DSM 1212). Ex: forest-mouse dung. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella pulchella Linnemann 1941

F-1531 <-- INMI, VKM F-1531 <- CBS, CBS 441.68. Received as: *Mortierella pulchella*. Synonym: *Mortierella sossauensis* E. Wolf 1954. MT+. (CBS 441.68). Ex: *Pinus* sp., bark and wood of stump. South Carolina. USA. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, C-12, F-1, S-4, S-5). ([2864](#), [6756](#))

Mortierella pusilla Oudemans 1902

F-1436 <-- INMI, VKM F-1436 <- CMI, IMI 117625. Received as: *Mortierella humicola*. Other name: *Mortierella humicola* Oudemans 1902. Ex: peaty soil. Risk group: no. (Medium [11](#), 25°C, C-1, C-5, C-7, C-11, F-1, S-4, S-5). ([1738](#), [2864](#), [6756](#))

Mortierella reticulata van Tieghem et G. Le Monnier 1873

F-1405 <-- INMI, VKM F-1405 <- CBS, CBS 241.33. Received as: *Mortierella reticulata*. (CBS 241.33; IMI 105878). Risk group: no. (Medium [11](#), 25°C, C-1, C-12, D-4, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella sarnyensis Milko 1973

F-1638 Type <-- INMI, VKM F-1638 <- Milko A.A. Danilo Zabolotny Institute of

Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3846. Received as: *Mortierella sarneyensis*. (CBS 122.72). Ex: soil. Pine forest, bog. Rovno Region, near Sarna. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-12, S-4, S-5). ([422](#), [1365](#), [2708](#), [2864](#), [6756](#))

Mortierella sclerotiella Milko 1967

F-1099 Type <-- INMI, VKM F-1099 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20. Received as: *Mortierella sclerotiella*. (ATCC 18732; CBS 529.68; IMI 133978; NRRL 5841). Ex: forest-mouse dung. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-8, C-11, S-4, S-5). ([144](#), [1365](#), [2708](#), [2864](#), [6756](#))

Mortierella strangulata van Tieghem 1875

F-1387 Neotype <-- INMI, VKM F-1387 <- CBS, CBS 455.67. Received as: *Mortierella nana*. MT-. Other name: *Mortierella nana* Linnemann 1941. (CBS 455.67). Ex: fox dung. Baarn, Groeneveld. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, C-12, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella stylospora Dixon-Stewart 1932

F-1207 <-- INMI, VKM F-1207 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 169. Received as: *Mortierella stylospora*. Ex: soil. Armenia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella turficola Y. Ling 1930

F-1532 <-- INMI, VKM F-1532 <- CBS, CBS 898.68. Received as: *Mortierella turficola*. (CBS 898.68). Ex: soil. Mature dunes, Lincolnshire, Gibraltar point. England. UK. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-5)

Mortierella verticillata Linnemann 1941

F-529 <-- INMI, VKM F-529 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 11562. Received as: *Mortierella marburgensis*. Synonym: *Mortierella marburgensis* Linnemann 1936. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-12, D-4, F-1, S-5). ([2864](#), [6756](#))

Mortierella verticillata Linnemann 1941

F-920 <-- INMI, VKM F-920 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 082. Received as: *Mortierella humilis*. MT+. Other name: *Mortierella humilis* Linnemann 1936 ex W. Gams 1977. (CBS 380.66). Ex: soil. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-11, C-12, F-1, S-4, S-5). ([1365](#))

Mortierella verticillata Linnemann 1941

F-976 <-- INMI, VKM F-976 <- Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Mortierella marburgensis*. Synonym *Mortierella*

marburgensis Linnemann 1936. Risk group: no. (Medium [11](#), 25°C, C-1, C-11, S-4, S-5). ([2864](#), [6756](#))

Mortierella verticillata Linnemann 1941

F-977 <-- INMI, VKM F-977 <- Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Mortierella marburgensis*. Synonym *Mortierella marburgensis* Linnemann 1936. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella verticillata Linnemann 1941

F-1386 <-- INMI, VKM F-1386 <- CBS, CBS 220.58. Received as: *Haplosporangium fasciculatum*. Synonym *Mortierella marburgensis* Linnemann 1936, *Haplosporangium fasciculatum* Nicot 1957 Type strain. MT+. (CBS 220.58). Ex: soil under birch. Fontainebleau. France. Risk group: no. (Medium [11](#), 25°C, C-5, C-8, C-12, F-1, S-4, S-5). ([2864](#), [6756](#))

Mortierella verticillata Linnemann 1941

F-1394 <-- INMI, VKM F-1394 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 284. Received as: *Mortierella marburgensis*. Synonym *Mortierella marburgensis* Linnemann 1936. Ex: rodents dung. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-5, C-7, C-8, F-1, S-4, S-5)

Mortierella verticillata Linnemann 1941

F-1612 <-- INMI, VKM F-1612 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2338(s). Received as: *Mortierella marburgensis*. Synonym *Mortierella marburgensis* Linnemann 1936. Ex: soil. Coniferous forest. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-5, C-8, F-1, S-4, S-5). ([8090](#), [2864](#), [5378](#), [5604](#), [6756](#), [8253](#))

Mortierella verticillata Linnemann 1941

F-1613 <-- INMI, VKM F-1613 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3795. Received as: *Mortierella marburgensis*. Synonym *Mortierella marburgensis* Linnemann 1936. Ex: soil. Coniferous forest, bog. Rovno Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, C-12, F-1, S-4, S-5). ([2864](#), [6756](#))

Mortierella zonata Linnemann 1936 ex W. Gams 1977

F-1409 Òype <-- INMI, VKM F-1409 <- CBS, CBS 228.35. Received as: *Mortierella zonata*. (CBS 228.35). Ex: fungus, *Gomphidius glutinosus*. Germany. Risk group: no. (Medium [11](#), 25°C, C-11, S-4, S-5). ([401](#), [1365](#), [2864](#), [6756](#), [8958](#))

Mortierella zychae Linnemann 1941

F-861 <-- INMI, VKM F-861 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 295-1524. Received as: *Mortierella zychae*. Ex: horse manure.

Zhitomir Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella zychae Linnemann 1941

F-1621 <-- INMI, VKM F-1621 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4014. Received as: *Mortierella zychae*. Ex: bog. Pine-birch forest. Kiev Region, Ilinty. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, S-4, S-5). ([2864](#), [6756](#))

Mortierella zychae Linnemann 1941

F-1622 <-- INMI, VKM F-1622 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3836. Received as: *Mortierella zychae*. Ex: bog. Mixed forest. Rovno Region, Sarna. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella zychae Linnemann 1941

F-1623 <-- INMI, VKM F-1623 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3844. Received as: *Mortierella zychae*. Ex: bog. Forest. Rovno Region, Klesov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mortierella zychae Linnemann 1941

F-1624 <-- INMI, VKM F-1624 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3838. Received as: *Mortierella zychae*. Ex: bog. Forest. Rovno Region, Sarna. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Mucobasispora tarikii Moustafa et Abdul-Wahid 1990

F-3282 <-- KMUzb. Received as: *Mucobasispora tarikii*. (UPSC 3109). Ex: soil under cotton. State Farm Besharyk. Fergana Region, Kirov District. Uzbekistan. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([6766](#), [8258](#))

Mucor abundans Povah 1917

F-1036 <-- INMI, VKM F-1036 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 15. Received as: *Mucor abundans*. (ATCC 42254; CBS 521.66; IFO (now NBRC) 9398; MUCL 15441; NBRC 9398). Ex: forest soil. near Magadan. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([1365](#))

Mucor aligarensis B.S. Mehrotra et B.R. Mehrotra 1969

F-1320 <-- INMI, VKM F-1320 <- CBS, CBS 244.58. Received as: *Mucor petrinsularis* var. *ovalisporus*. Synonym: *Mucor ovalisporus* (G. Smith 1957) Pidoplichko et Milko 1971, *Mucor petrinsularis* Naumov 1915 var. *ovalisporus* G. Smith 1957 Type strain. (ATCC 22588; CBS 244.58; IMI

71627). Ex: human ear. UK. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([917](#), [1310](#), [2550](#))

Mucor amphibiorum Shipper 1978

F-3179 Òype <-- DSMZ, DSM 2190. Received as: *Mucor amphibiorum*. MT+. (BCRC 32032; CBS 763.74; CCF 2018; DSM 2190). Ex: amphibia. Australia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([776](#))

Mucor bacilliformis Hesseltine 1954

F-1422 Òype <-- INMI, VKM F-1422 <- CMI, IMI 55297. Received as: *Mucor bacilliformis*. (ATCC 12850; BCRC 32076; CBS 251.53; CDBB 285; IFO 6414; IMI 55297; LCP 55.610; NRRL 2346; NBRC 6414). Ex: soil. Wisconsin, near Hayward. USA. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([1312](#), [1345](#), [1365](#), [2733](#))

Mucor bainieri B.S. Mehrotra et Baijal 1963

F-1215 Òype <-- INMI, VKM F-1215 <- ATCC, ATCC 15088. Received as: *Mucor bainieri*. (ATCC 15088; BCRC 32080; CBS 293.63; IMI 101214; NRRL A-11496; RSA 1210). Ex: forest soil. Uttar Pradesh, near Ranikhet. India. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1). ([452](#), [1311](#), [1345](#), [1365](#), [2968](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-546 <-- INMI, VKM F-546 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 13654. Received as: *Mucor circinelloides*. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([2550](#), [4214](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-552 <-- INMI, VKM F-552 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia <- Naumov N.A. Received as: *Mucor hypochninus*. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-553 <-- INMI, VKM F-553 <- Eroshin V.K. IBPM. Received as: *Mucor javanicus*. Synonym *Mucor javanicus* Wehmer 1900. Tokyo. Japan. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-554 <-- INMI, VKM F-554 <- Eroshin V.K. IBPM <- Institute of Biology, Romania. Received as: *Mucor javanicus*. Synonym *Mucor javanicus* Wehmer 1900. Rumania. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1, S-5). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-555 <-- INMI, VKM F-555 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 135. Received as: *Mucor mandshuricus*. Synonym *Mucor prainii* Chodat et Nechitsche 1904, *Mucor mandshuricus* Saito 1914, *Mucor circinelloides* van Tieghem 1875 var. *mandshuricus* (Saito 1914) Milko 1971. Ex: white currant, *Ribes* sp.

Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-951 <-- INMI, VKM F-951 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20976-1555. Received as: *Mucor circinelloides*. Ex: soil. Chernigov Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-1226 <-- INMI, VKM F-1226 <- CBS, CBS 107.16. Received as: *Mucor dubius*. Synonym *Mucor dubius* Wehmer 1901. MT+. (CBS 107.16). Japan. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([1311](#), [1365](#), [2550](#), [5713](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-1232 <-- INMI, VKM F-1232 <- CBS, CBS 252.53 <- ATCC, ATCC 8541. Received as: *Mucor microsporus*. MT-. Other name: *Mucor microsporus* Namyslowski 1910. (ATCC 8541; CBS 252.53; IMI 53584). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1311](#), [1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-1234 <-- INMI, VKM F-1234 <- CBS, CBS 239.35. Received as: *Mucor griseoroseus*. Synonym *Mucor griseoroseus* Linnemann 1936 Type strain. MT-. (CBS 239.35). Ex: soil. Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([1311](#), [1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-1313 <-- INMI, VKM F-1313 <- CBS, CBS 240.35. Received as: *Mucor heterosporus*. MT-. (CBS 240.35). Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([1311](#), [2550](#), [4214](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-1315 <-- INMI, VKM F-1315 <- CBS, CBS 108.16. Received as: *Mucor javanicus*. Synonym *Mucor javanicus* Wehmer 1900. MT-. (CBS 108.16). Japan. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1311](#), [1365](#), [2550](#), [3843](#), [5604](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-1317 <-- INMI, VKM F-1317 <- CBS, CBS 205.28. Received as: *Mucor prainii*. Synonym *Mucor prainii* Chodat et Nechitsche 1904, *Mucor mandshuricus* Saito 1914 Type strain, *Mucor circinelloides* van Tieghem 1875 var. *mandshuricus* (Saito 1914) Milko 1971. MT-. (CBS 205.28; IAM 6120; IFO 5774; HUT 1182; NBRC 5774). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([1311](#), [1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-1411 <-- INMI, VKM F-1411 <- CBS, CBS 203.28. Received as: *Mucor javanicus*. Synonym *Mucor javanicus* Wehmer 1900. MT+. (CBS 203.28; IMI 25330; NCTC 1901). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1311](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-2549 <-- INMI, VKM F-2549 <- Abyzov S.S. INMI, 25-138k. Received as: *Mucor circinelloides*. Ex: glacier thickness, depth 81 m, age 2100 year. Central Antarctica. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1). ([604](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-2556 <-- INMI, VKM F-2556 <- Abyzov S.S. INMI, 449-1. Received as: *Mucor circinelloides*. Ex: glacier thickness, depth 280 m, age 10640 year. Central Antarctica. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([604](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-3094 <-- Rudakov O.L. INMI, VKM MF-366. Received as: *Mucor circinelloides*. Ex: fungus, *Cantharellus cibarius*. Moscow Region. Russia. Risk group: 4. (Medium [9](#), 25°C, C-13, F-1, S-5). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *circinelloides*

F-3961 <-- Legonkova O.A. DMA MSU, 10V. Received as: *Mucor circinelloides*. Ex: Polymer Lentex in cultivated soddy-podzolic middle loam soil. Tula Region. Russia. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1)

Mucor circinelloides van Tieghem 1875 var. *janssenii* (Lendner 1907) Schipper 1976

F-1056 <-- INMI, VKM F-1056 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 0838. Received as: *Mucor sp.* Ex: soil. Kuril Islands. Russia. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *janssenii* (Lendner 1907) Schipper 1976

F-1092 <-- INMI, VKM F-1092 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 6464. Received as: *Mucor kurssanovii*. Synonym *Mucor kurssanovii* Milko et Beljakova 1967 Type strain, *Mucor janssenii* Lendner 1907. MT-. (ATCC 18357; CBS 185.68; IMI 129970; NRRL 3302). Ex: soil. Kuril Islands. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([545](#), [1311](#), [1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *janssenii* (Lendner 1907) Schipper 1976

F-1094 <-- INMI, VKM F-1094 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Mucor sp.* Ex: birch secretion. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *janssenii* (Lendner 1907) Schipper 1976

F-1261 <-- INMI, VKM F-1261 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1696. Received as: *Mucor kurssanovii*. Synonym *Mucor kurssanovii* Milko et Beljakova 1967, *Mucor janssenii* Lendner 1907. Ex: soil. Coniferous forest. Zakarpattya Region, Rakhov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *janssenii* (Lendner 1907) Schipper 1976

F-1262 <-- INMI, VKM F-1262 <- Milko A.A. Danilo Zabolotny Institute of

Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1676. Received as: *Mucor kurssanovii*. Synonym *Mucor kurssanovii* Milko et Beljakova 1967, *Mucor janssenii* Lendner 1907. Ex: soil. Coniferous forest. Zakarpattya Region, Rakhov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *janssenii* (Lendner 1907) Schipper 1976

F-1263 <-- INMI, VKM F-1263 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2267. Received as: *Mucor kurssanovii*. Synonym *Mucor kurssanovii* Milko et Beljakova 1967, *Mucor janssenii* Lendner 1907. MT-. (CBS 526.68; IMI 133975). Ex: soil. Goris. Armenia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1311](#), [1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *janssenii* (Lendner 1907) Schipper 1976

F-1321 <-- INMI, VKM F-1321 <- CBS, CBS 232.29. Received as: *Mucor tenellus*. Synonym *Mucor tenellus* Y. Ling 1930 Type strain, *Mucor janssenii* Lendner 1907. MT-. (CBS 232.29). France. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1311](#), [1365](#), [2550](#), [4214](#))

Mucor circinelloides van Tieghem 1875 var. *lusitanicus* (Bruderlein 1916) Schipper 1976

F-587 <-- INMI, VKM F-587 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 364. Received as: *Mucor varians*. Synonym *Mucor varians* Povah 1917, *Mucor lusitanicus* Bruderlein 1916. Ex: Citrus limon. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#), [3068](#))

Mucor circinelloides van Tieghem 1875 var. *lusitanicus* (Bruderlein 1916) Schipper 1976

F-1109 <-- INMI, VKM F-1109 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 9/2. Received as: *Mucor griseolilacinus*. Synonym *Mucor griseolilacinus* Povah 1917, *Mucor lusitanicus* Bruderlein 1916. Ex: forest soil. Wharf Nikolskoye. Zhitomir Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *lusitanicus* (Bruderlein 1916) Schipper 1976

F-1155 <-- INMI, VKM F-1155 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 439/5. Received as: *Mucor varians*. Synonym *Mucor varians* Povah 1917, *Mucor lusitanicus* Bruderlein 1916. (ATCC 18361; IMI 129974; NRRL A-15997). Ex: *Beta vulgaris* var. *saccharifera*. near Kiev. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1). ([2550](#))

Mucor circinelloides van Tieghem 1875 var. *lusitanicus* (Bruderlein 1916) Schipper 1976

F-1233 <-- INMI, VKM F-1233 <- CBS, CBS 242.33. Received as: *Mucor griseolilacinus*. Synonym *Mucor griseolilacinus* Povah 1917, *Mucor lusitanicus* Bruderlein 1916. MT-. (CBS 242.33; MUCL 15443). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1311](#), [1365](#), [1896](#), [2550](#), [4117](#))

Mucor circinelloides van Tieghem 1875 var. *lusitanicus* (Bruderlein 1916) Schipper 1976

F-1238 <-- INMI, VKM F-1238 <- CBS, CBS 253.35. Received as: *Mucor zeicolus*. Synonym *Mucor zeicolus* P.W. Graff 1936 Type strain, *Mucor lusitanicus* Bruderlein 1916. MT-. (CBS 253.35). Ex: *Zea mays*, grain. Illinois. USA. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([1311](#), [1365](#), [2550](#))

Mucor circinelloides van Tieghem 1875 var. *lusitanicus* (Bruderlein 1916) Schipper 1976

F-1241 <-- INMI, VKM F-1241 <- CBS, CBS 108.19. Received as: *Mucor griseolilacinus*. Synonym *Mucor griseolilacinus* Povah 1917, *Mucor jauchae* Lendner 1918 Type strain, *Mucor lusitanicus* Bruderlein 1916. MT-. (CBS 108.19; NRRL A-7421). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1311](#), [1365](#), [2550](#))

Mucor durus G. Walther et de Hoog 2013

F-860 <-- INMI, VKM F-860 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 603. Received as: *Circinella rigida*. Synonym: *Circinella rigida* G. Smith 1951. (CBS 484.66). Ex: soil. Zhitomir Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([1365](#), [4028](#))

Mucor exponens (Burgeff 1924) G. Walther et de Hoog 2013

F-923 <-- INMI, VKM F-923 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Zygorhynchus exponens*. Synonym: *Zygorhynchus exponens* Burgeff 1924. Ex: rhizosphere of *Nicotiana sp.* Armenia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#))

Mucor exponens (Burgeff 1924) G. Walther et de Hoog 2013

F-1000 <-- INMI, VKM F-1000 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Zygorhynchus exponens*. Synonym *Zygorhynchus exponens* Burgeff 1924. Ex: forest soil. near Weimar. Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#))

Mucor exponens (Burgeff 1924) G. Walther et de Hoog 2013

F-1001 <-- INMI, VKM F-1001 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 77. Received as: *Zygorhynchus exponens*. Synonym *Zygorhynchus exponens* Burgeff 1924. Ex: rhizosphere of *Nicotiana sp.* Armenia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1365](#))

Mucor exponens (Burgeff 1924) G. Walther et de Hoog 2013

F-1211 <-- INMI, VKM F-1211 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 319. Received as: *Zygorhynchus exponens*. Synonym *Zygorhynchus exponens* Burgeff 1924. Ex: forest soil. Republic of Crimea, Yalta Region. Russia. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, F-1, S-5). ([1365](#))

Mucor flavus Bainier 1903

F-1003 <-- INMI, VKM F-1003 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 15. Received as: *Mucor piriformis*. Synonym: *Mucor piriformis* Fischer 1892 sensu Pidoplichko et Milko 1971. MT-. (CBS 378.66; DSM 2184). Ex: forest soil. Tatra Mountains. Slovakia. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, D-4, F-1). ([153](#), [1310](#), [1365](#), [2550](#), [7124](#), [8958](#))

Mucor flavus Bainier 1903

F-1097 <-- INMI, VKM F-1097 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, D-3. Received as: *Mucor flavus*. Ex: forest soil. near Drezden. Germany. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, F-1, S-5). ([7124](#), [8958](#))

Mucor flavus Bainier 1903

F-1110 <-- INMI, VKM F-1110 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1/2+4-. Received as: *Mucor flavus*. Ex: forest soil. Zakarpattya Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([7124](#), [8958](#))

Mucor flavus Bainier 1903

F-1111 <-- INMI, VKM F-1111 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1/2. Received as: *Mucor flavus*. Ex: forest soil. Zakarpattya Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1, S-5)

Mucor flavus Bainier 1903

F-1224 <-- INMI, VKM F-1224 <- CBS, CBS 230.35. Received as: *Mucor attenuatus*. Synonym *Mucor attenuatus* Linnemann 1936 Type strain, *Mucor sciurinus* Naumov 1915 var. *attenuatus* (Linnemann 1936) Pidoplichko et Milko 1971. (CBS 230.35). Ex: roe dung. Germany. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, F-1, S-5). ([1310](#), [1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1248 <-- INMI, VKM F-1248 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2083. Received as: *Mucor attenuatus*. Synonym *Mucor attenuatus* Linnemann 1936, *Mucor sciurinus* Naumov 1915 var. *attenuatus* (Linnemann 1936) Pidoplichko et Milko 1971. Ex: mountain soil. Zakarpattya Region. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, F-1, S-5). ([1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1249 <-- INMI, VKM F-1249 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1851. Received as: *Mucor attenuatus*. Synonym *Mucor attenuatus* Linnemann 1936, *Mucor sciurinus* Naumov 1915 var. *attenuatus* (Linnemann

1936) Pidoplichko et Milko 1971. Ex: forest soil. near Kafan. Armenia. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, F-1). ([1365](#), [2550](#), [5378](#), [5604](#))

Mucor flavus Bainier 1903

F-1251 <-- INMI, VKM F-1251 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2019. Received as: *Mucor attenuatus*. Synonym *Mucor attenuatus* Linnemann 1936, *Mucor sciurinus* Naumov 1915 var. *attenuatus* (Linnemann 1936) Pidoplichko et Milko 1971. Ex: mountain soil. Zakarpattya Region. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-8, C-13, D-4, F-1, S-5). ([1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1269 <-- INMI, VKM F-1269 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2291. Received as: *Mucor petropolitanus*. Synonym *Mucor petropolitanus* Naumov 1915 Neotype strain. Ex: soil. Oak forest. Yalama. Azerbaijan. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, F-1). ([153](#), [1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1270 <-- INMI, VKM F-1270 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1091. Received as: *Mucor humilis*. Synonym *Mucor humilis* Naumov 1915. Other name: *Mucor sciurinus* Naumov 1915 var. *humilis* (Naumov 1915) Pidoplichko et Milko 1971. Ex: soil. Leningrad Region, Ropsha. Russia. Risk group: 4. (Medium [9](#), 20°C, C-8, C-13, D-4, F-1). ([1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1326 <-- INMI, VKM F-1326 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1087. Received as: *Mucor sciurinus*. Synonym *Mucor sciurinus* Naumov 1915 Neotype strain. (CBS 893.73). Ex: forest soil. near Vladivostok. Russia. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, F-1, S-5). ([153](#), [1310](#), [1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1343 <-- INMI, VKM F-1343 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 22. Received as: *Mucor piriformis*. Synonym *Mucor piriformis* A. Fischer 1892 sensu Pidoplichko et Milko 1971. Risk group: 4. (Medium [9](#), 20°C, C-1, C-8, F-1). ([153](#), [1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1371 <-- INMI, VKM F-1371 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, b. Received as: *Mucor piriformis*. Synonym *Mucor piriformis* A. Fischer 1892 sensu Pidoplichko et Milko 1971. MT-. (CBS 678.73). Ex:

forest-mouse dung. Kiev. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-8, D-4, F-1). ([1310](#), [2550](#))

Mucor flavus Bainier 1903

F-1372 <-- INMI, VKM F-1372 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, a. Received as: *Mucor piriformis*. Synonym *Mucor piriformis* A. Fischer 1892 sensu Pidoplichko et Milko 1971. MT-. (CBS 679.73). Ex: forest-mouse dung. Kiev. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-7, C-8, D-4, F-1). ([1310](#), [2550](#))

Mucor flavus Bainier 1903

F-1396 <-- INMI, VKM F-1396 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1-2. Received as: *Mucor meridionalis*. Synonym *Mucor meridionalis* Milko et Kormilizina 1971 Type strain. MT-. (CBS 197.71). Ex: forest-mouse dung. Republic of Crimea. Russia. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, D-4, F-1). ([1310](#), [1365](#), [2550](#))

Mucor flavus Bainier 1903

F-1537 <-- INMI, VKM F-1537 <- CBS, CBS 127.70. Received as: *Mucor mephitis*. Synonym *Mucor mephitis* J.J. Ellis et Hesseltine 1969. MT+. (ATCC 18881; CBS 127.70; NRRL 2597). California. USA. Risk group: 4. (Medium [9](#), 20°C, C-7, C-8, C-12, D-4, F-1). ([560](#), [1310](#), [1365](#), [2550](#))

Mucor fragilis Bainier 1884

F-1222 <-- INMI, VKM F-1222 <- CBS, CBS 236.35. Received as: *Mucor fragilis*. (ATCC 10777; BCRC 32525; CBS 236.35). Ex: fungus, *Tremella* sp. Hannovers-Muenden. Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([1311](#), [1796](#))

Mucor fuscus Bainier 1903

F-1227 Òype <-- INMI, VKM F-1227 <- CBS, CBS 132.22. Received as: *Mucor fuscus*. Synonym: *Mucor petrinsularis* Naumov 1915. (BCRC 32083; CBS 132.22; CCF 2017; DSM 2189; NRRL A-16057). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([1311](#), [1365](#))

Mucor fuscus Bainier 1903

F-1240 <-- INMI, VKM F-1240 <- CBS, CBS 254.48. Received as: *Mucor bedrchanii*. Synonym *Mucor bedrchani* Rein.Schmidt 1925 Type strain, *Mucor petrinsularis* Naumov 1915. MT-. (CBS 254.48; NRRL A-16056). Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1311](#), [1365](#))

Mucor fuscus Bainier 1903

F-1368 <-- INMI, VKM F-1368 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Mucor fuscus*. Synonym *Mucor petrinsularis* Naumov 1915. Ex: horse manure. near Kiev. Ukraine. Risk group: 4. (Medium [9](#),

25°C, C-1, C-7, D-4, F-1, S-5). ([1365](#))

Mucor genevensis Lendner 1908

F-1231 <-- INMI, VKM F-1231 <- CBS, CBS 105.10. Received as: *Mucor alpinus*. Other name: *Mucor alpinus* E.C. Hansen 1902. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#))

Mucor genevensis Lendner 1908

F-1373 <-- INMI, VKM F-1373 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 6354. Received as: *Mucor genevensis*. (CBS 404.71). Ex: forest-mouse dung. Zakarpattya Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1309](#))

Mucor genevensis Lendner 1908

F-1376 <-- INMI, VKM F-1376 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3203. Received as: *Mucor genevensis*. Ex: forest soil. Ivano-Frankovsk Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-13, F-1, S-5). ([1365](#))

Mucor genevensis Lendner 1908

F-1380 <-- INMI, VKM F-1380 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3189. Received as: *Mucor genevensis*. Ex: forest soil. Ivano-Frankovsk Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1365](#))

Mucor griseocyanus Hagem 1908

F-781 <-- INMI, VKM F-781 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 50181. Received as: *Mucor griseocyanus*. Synonym: *Mucor circinelloides* van Tieghem 1875 var. *griseocyanus* (Hagem 1908) Schipper 1976. Ex: soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([1365](#), [2550](#), [2968](#))

Mucor griseocyanus Hagem 1908

F-1627 <-- INMI, VKM F-1627 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 18. Received as: *Mucor griseocyanus*. Synonym *Mucor circinelloides* van Tieghem 1875 var. *griseocyanus* (Hagem 1908) Schipper 1976. Ex: forest soil. Kiev Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([607](#), [1365](#), [1796](#), [2550](#))

Mucor guilliermondii Nadson et Philippow 1925

F-1316 Type <-- INMI, VKM F-1316 <- CBS, CBS 174.27. Received as: *Mucor subtilissimus*. Other name: *Mucor subtilissimus* Oudemans 1898. (BCCM 15448; BCRC 32075; CBS 174.27; IFO (now NBRC) 9403; MUCL 15448; NBRC 9403). Ex: dung of *Periplaneta americana*. Botanical Garden of

Komarov Botanical Institute RAS. St.-Petersburg. Russia. Risk group: 4.
(Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([1312](#), [1365](#))

Mucor heterogamus Vuillemin 1903

F-1770 <-- INMI, VKM F-1770 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4452. Received as: *Zygorhynchus heterogamus*. Synonym: *Zygorhynchus heterogamus* (Vuillemin 1886) Vuillemin 1903. (CCF 1571). Ex: soil. Bog. near Chernigov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([1365](#))

Mucor hiemalis Wehmer 1903 var. *corticolus* (Hagem 1910) Schipper 1973

F-1129 <-- INMI, VKM F-1129 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 15.3(2)K. Received as: *Mucor corticolus*. Synonym: *Mucor corticolus* Hagem 1910. Ex: forest soil. Altai Territory. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1)

Mucor hiemalis Wehmer 1903 var. *corticolus* (Hagem 1910) Schipper 1973

F-1153 <-- INMI, VKM F-1153 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, M2637. Received as: *Mucor corticolus*. Synonym *Mucor corticolus* Hagem 1910. MT-. (ATCC 18359; CBS 363.68; IFO (now NBRC) 9401; IMI 129976; MUCL 15450; NBRC 9401; NRIC 1258; NRRL A-15995). Ex: forest soil. Altai Territory. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *corticolus* (Hagem 1910) Schipper 1973

F-1154 <-- INMI, VKM F-1154 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 15. Received as: *Mucor corticolus*. Synonym *Mucor corticolus* Hagem 1910. MT+. (ATCC 18358; BCCM 15449; CBS 362.68; IFO (now NBRC) 9400; IMI 129971; MUCL 15449; NBRC 9400; NRIC 1256; NRRL A-15994). Ex: forest soil. Altai Territory. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-549 <-- INMI, VKM F-549 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 504. Received as: *Mucor erectus*. Other name: *Mucor erectus* Bainier 1884. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([1796](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-979 <-- INMI, VKM F-979 <- Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Mucor hiemalis*. MT+. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, F-1, S-5). ([1365](#), [2968](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-980 <-- INMI, VKM F-980 <- Donnan Laboratories, University of Liverpool,

Liverpool, UK. Received as: *Mucor hiemalis*. MT-. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1152 <-- INMI, VKM F-1152 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, M 2831. Received as: *Mucor vallesiacus*. Synonym *Mucor vallesiacus* Lendner 1918. MT+. Other name: *Mucor adventitius* Oudemans 1902. (ATCC 18360; CBS 969.68; IMI 129973; NRRL A-15996). Ex: forest soil. Zhitomir Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1)

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1156 <-- INMI, VKM F-1156 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, M 3062. Received as: *Mucor adventitius*. Other name: *Mucor adventitius* Oudemans 1902. Ex: forest soil. Zhitomir Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([4083](#), [4084](#), [4085](#), [4087](#), [4214](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1223 <-- INMI, VKM F-1223 <- CBS, CBS 224.29. Received as: *Mucor humicolus*. Synonym *Mucor humicolus* Raillo 1929 Type strain. MT+. Other name: *Mucor adventitius* Oudemans 1902. (CBS 224.29). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1230 <-- INMI, VKM F-1230 <- CBS, CBS 107.19. Received as: *Mucor vallesiacus*. Synonym *Mucor vallesiacus* Lendner 1919 Type strain. MT-. (CBS 107.19). Switzerland. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1235 <-- INMI, VKM F-1235 <- CBS, CBS 115.18. Received as: *Mucor hygrophilus*. Other name: *Mucor hygrophilus* Oudemans 1902. (CBS 115.18). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1274 <-- INMI, VKM F-1274 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3419. Received as: *Mucor hiemalis*. Ex: soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1)

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1341 <-- INMI, VKM F-1341 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 53484. Received as: *Mucor lausannensis*. MT-. Other name: *Mucor lausannensis* Lendner 1907. (CBS 206.69; CBS 332.71A; VKM F-1369). Ex: forest soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, C-13, D-4, F-1).

([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1342 <-- INMI, VKM F-1342 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 53465. Received as: *Mucor lausannensis*. MT-. Other name: *Mucor lausannensis* Lendner 1907. (CBS 207.69; CBS 332.71; VKM F-1370). Ex: forest soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1369 <-- INMI, VKM F-1369 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 53484. Received as: *Mucor lausannensis*. MT-. Other name: *Mucor lausannensis* Lendner 1907. (CBS 206.69; CBS 332.71A; VKM F-1341). Ex: forest soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-1370 <-- INMI, VKM F-1370 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 53465. Received as: *Mucor lausannensis*. MT-. Other name: *Mucor lausannensis* Lendner 1907. (CBS 207.69; CBS 332.71B; VKM F-1342). Ex: forest soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-3626 <-- Edens L. Gist-Brocades, Netherlands <- CBS, CBS 110.19. Received as: *Mucor hiemalis* var. *hiemalis*. Synonym *Mucor hiemalis* var. *toundrae* Lendner 1918 Type strain. MT-. (BCRC 32825; CBS 110.19; IFO 9409; NBRC 9409). Switzerland. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1)

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-3627 Neotype <-- Edens L. Gist-Brocades, Netherlands <- CBS, CBS 201.65. Received as: *Mucor hiemalis* var. *hiemalis*. MT-. (CBS 201.65; DSM 2656; LSH BB157a; MUCL 15439; NRRL 3624). Michigan. USA. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1)

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-3628 <-- Edens L. Gist-Brocades, Netherlands <- CBS, CBS 117.08. Received as: *Mucor hiemalis* var. *hiemalis*. Synonym *Mucor adventitius* Oudemans 1902 var. *aurantiacus* Lendner 1908 Type strain. MT+. (CBS 117.08). Switzerland. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1)

Mucor hiemalis Wehmer 1903 var. *hiemalis*

F-4774 <-- Grum-Grzhimaylo O.A. DMA MSU. Ex: podzolic soil, A horizon. Northern-taiga forest, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JX535127. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1, S-5)

Mucor hiemalis Wehmer 1903 var. *silvaticus* (Hagem 1908) Schipper 1973

F-996 <-- INMI, VKM F-996 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 7. Received as: *Mucor silvaticus*. Synonym *Mucor silvaticus* Hagem 1908. MT-. (CBS 509.66; VKM F-1040). Ex: forest soil. near Drezden. Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1309](#), [1365](#))

Mucor hiemalis Wehmer 1903 var. *silvaticus* (Hagem 1908) Schipper 1973

F-1039 <-- INMI, VKM F-1039 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, D7. Received as: *Mucor silvaticus*. Synonym *Mucor silvaticus* Hagem 1908. MT+. (CBS 508.66). Ex: forest soil. near Drezden. Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([1309](#), [1365](#), [2232](#))

Mucor hiemalis Wehmer 1903 var. *silvaticus* (Hagem 1908) Schipper 1973

F-1040 <-- INMI, VKM F-1040 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 7. Received as: *Mucor silvaticus*. Synonym *Mucor silvaticus* Hagem 1908. MT-. (CBS 509.66; VKM F-996). Ex: forest soil. near Drezden. Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1309](#), [1365](#))

Mucor inaequisporus Dade 1937

F-1228 <-- INMI, VKM F-1228 <- CBS, CBS 351.50. Received as: *Mucor inaequisporus*. MT-. (CBS 351.50; IFO 8636; NBRC 8636). Ex: *Musa sapientum*, fruit. Indonesia. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([776](#), [986](#), [1312](#), [1365](#), [2917](#), [4117](#))

Mucor indicus Lendner 1930

F-1113 <-- INMI, VKM F-1113 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 694. Received as: *Mucor rouxii*. Synonym: *Mucor rouxianus* (Calmette 1892) Wehmer 1900. Kiev. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([1365](#))

Mucor indicus Lendner 1930

F-1318 <-- INMI, VKM F-1318 <- CBS, CBS 120.08. Received as: *Mucor rouxii*. MT+. Other name: *Mucor rouxii* (Calmette 1892) Wehmer 1900. (CBS 120.08; BCRC 32213; IFO 5773; IMI 068072; NRRL 13081; NBRC 5773). Risk group: 4. (Medium [9](#), 30°C, C-1, C-7, F-1, S-5). ([776](#), [1312](#), [1365](#), [4117](#))

Mucor laxorrhizus Y. Ling 1930

F-857 <-- INMI, VKM F-857 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 348-1743. Received as: *Mucor janssenii*. Other name: *Mucor janssenii* Lendner 1907. (CBS 237.66; IMI 223702). Ex: peat. Zhitomir Region. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, F-1, S-5).

(1365)

Mucor laxorrhizus Y. Ling 1930

F-1266 <-- INMI, VKM F-1266 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1592. Received as: *Mucor laxorrhizus*. Ex: soil. Coniferous forest. Zakarpattya Region, Rakhov. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, F-1, S-5)

Mucor laxorrhizus Y. Ling 1930

F-1267 <-- INMI, VKM F-1267 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1512. Received as: *Mucor laxorrhizus*. Ex: forest soil. Zakarpattya Region, Rakhov. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, D-4, F-1, S-5)

Mucor laxorrhizus Y. Ling 1930

F-1616 <-- INMI, VKM F-1616 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3914. Received as: *Mucor laxorrhizus*. Ex: bog. Cut clear coniferous forest. Zhitomir Region, Slavichansk District, Usovo. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, D-4, F-1, S-5)

Mucor laxorrhizus Y. Ling 1930

F-1720 <-- INMI, VKM F-1720 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4185. Received as: *Mucor laxorrhizus*. Ex: bog. Chernigov Region. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, F-1). ([1365](#))

Mucor luteus Linnemann 1936

F-777 <-- INMI, VKM F-777 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 72179. Received as: *Mucor luteus*. Synonym: *Mucor hiemalis* Wehmer 1903 var. *luteus* (Linnemann 1936) Schipper 1973. (IFO (now NBRC) 9412). Ex: water. Delta of Danube River. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1365](#))

Mucor luteus Linnemann 1936

F-1820 <-- INMI, VKM F-1820 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 394. Received as: *Mucor luteus*. Synonym *Mucor hiemalis* Wehmer 1903 var. *luteus* (Linnemann 1936) Schipper 1973. MT+. Ex: water. Volga River. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1365](#))

Mucor megaolocarpus G. Walther et de Hoog 2013

F-3652 Òype <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-664 <- ATCC, ATCC 36727 <- NRRL, NRRL 2663. Received as: *Zygorhynchus macrocarpus*. Synonym: *Zygorhynchus macrocarpus* Y. Ling 1930 Type strain. (ATCC 36727; CBS

215.27; NRRL 2663; VKPM F-664; BCRC 33082). France. Risk group: 4. (Medium [9](#), 25°C, C-8, F-1, S-5)

Mucor microsporus Namyslowski 1910

F-1477 <-- INMI, VKM F-1477 <- Hiroshima Jogakuin College, Japan. Received as: *Mucor microsporus*. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#))

Mucor moelleri (Vuillemin 1903) Lendner 1908

F-752 <-- INMI, VKM F-752 <- DSB MSU, 8. Received as: *Zygorhynchus heterogamus*. Synonym: *Zygorhynchus vuilleminii* Namyslowski 1910, *Zygorhynchus moelleri* Vuillemin 1903. Other name: *Zygorhynchus heterogamus* (Vuillemin 1886) Vuillemin 1903. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([986](#), [4117](#))

Mucor moelleri (Vuillemin 1903) Lendner 1908

F-849 <-- INMI, VKM F-849 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 40218. Received as: *Zygorhynchus vuilleminii*. Synonym *Zygorhynchus vuilleminii* Namyslowski 1910, *Zygorhynchus moelleri* Vuillemin 1903. Ex: soil. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5)

Mucor moelleri (Vuillemin 1903) Lendner 1908

F-850 <-- INMI, VKM F-850 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 80036. Received as: *Zygorhynchus moelleri*. Synonym *Zygorhynchus moelleri* Vuillemin 1903. Ex: soil. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5)

Mucor moelleri (Vuillemin 1903) Lendner 1908

F-914 <-- INMI, VKM F-914 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51196. Received as: *Zygorhynchus vuilleminii*. Synonym *Zygorhynchus vuilleminii* Namyslowski 1910, *Zygorhynchus moelleri* Vuillemin 1903. Risk group: 4. (Medium [9](#), 25°C, C-1, F-1, S-5). ([401](#))

Mucor moelleri (Vuillemin 1903) Lendner 1908

F-1366 <-- INMI, VKM F-1366 <- CBS, CBS 444.65. Received as: *Mucor saximontensis*. Synonym *Mucor saximontensis* Rall 1965 Type strain, *Zygorhynchus moelleri* Vuillemin 1903. (ATCC 16388; CBS 444.65). Ex: soil. Alpine zone, Medicine Bow Mountains. Wyoming. USA. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([863](#), [1365](#))

Mucor mousanensis Baijal et B.S. Mehrotra 1966

F-1432 Òype <-- INMI, VKM F-1432 <- Mehrotra B.S. Botanical Department, University of Allahabad, India. Received as: *Mucor mousanensis*. MT+. (BCRC 32161; CBS 999.70; NRRL 3105). Ex: soil. India. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([888](#), [1365](#))

***Mucor mucedo* Linnaeus 1753**

F-1043 <-- INMI, VKM F-1043 <- CBS, CBS 228.29. Received as: *Mucor oblongisporus*. Synonym: *Mucor murorum* Naumov 1915 Type strain. MT+. Other name: *Mucor oblongisporus* Naumov 1915. (CBS 228.29). Risk group: 4. (Medium [9](#), 20°C, C-1, C-8, D-4, F-1). ([153](#), [1310](#))

***Mucor mucedo* Linnaeus 1753**

F-1085 Neotype <-- INMI, VKM F-1085 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 68/1. Received as: *Mucor griseo-ochraceus*. Synonym *Mucor griseo-ochraceus* Naumov 1915. MT+. (ATCC 18356; CBS 542.66; IMI 129969; NRRL A-15993). Ex: water. Rhodon spring. Kiev Region, Belaya Tserkov. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, D-4, F-1). ([626](#), [1310](#), [1365](#))

***Mucor mucedo* Linnaeus 1753**

F-1245 <-- INMI, VKM F-1245 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, s. Received as: *Mucor coprophilus*. Synonym *Mucor coprophilus* Povah 1917, *Mucor griseo-ochraceus* Naumov 1915. MT-. (ATCC 18730; CBS 525.68; IMI 133076). Ex: field-mouse dung. near Kafan. Armenia. Risk group: 4. (Medium [9](#), 20°C, C-8, C-13, F-1, S-5). ([1310](#), [1365](#))

***Mucor mucedo* Linnaeus 1753**

F-1257 <-- INMI, VKM F-1257 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2370. Received as: *Mucor griseo-ochraceus*. Synonym *Mucor griseo-ochraceus* Naumov 1915. Ex: soil. Field-mouse burrow. Kafan. Armenia. Risk group: 4. (Medium [9](#), 20°C, C-13, F-1, S-5). ([5462](#), [6192](#), [7012](#))

***Mucor mucedo* Linnaeus 1753**

F-1355 <-- INMI, VKM F-1355 <- CBS, CBS 145.24. Received as: *Mucor mucedo*. MT-. (CBS 145.24; IMI 078408). Risk group: 4. (Medium [9](#), 20°C, C-1, C-5, C-7, C-8, F-1, S-5). ([1310](#), [4044](#), [4046](#), [5853](#), [6010](#), [6309](#), [7668](#))

***Mucor mucedo* Linnaeus 1753**

F-1356 <-- INMI, VKM F-1356 <- CBS, CBS 144.24. Received as: *Mucor mucedo*. MT+. (ATCC 38693; CBS 144.24; DSM 809; IMI 078407; IMI 133299; NRRL 3635). Risk group: 4. (Medium [9](#), 20°C, C-1, C-5, C-7, F-1, S-5). ([791](#), [821](#), [1307](#), [1310](#), [1365](#), [6309](#))

***Mucor mucedo* Linnaeus 1753**

F-1388 <-- INMI, VKM F-1388 <- CBS, CBS 597.66. Received as: *Mucor sciurinus*. Synonym *Mucor murorum* Naumov 1915 var. *bitabulatus* Pidoplichko et Milko 1971. Other name: *Mucor sciurinus* Naumov 1915. (CBS 597.66). Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, D-4, F-1). ([153](#), [1365](#))

***Mucor mucedo* Linnaeus 1753**

F-1424 <-- INMI, VKM F-1424 <- CMI, IMI 119786. Received as: *Mucor oblongisporus*. Synonym *Mucor murorum* Naumov 1915 var. *bitabulatus* Pidoplichko et Milko 1971. Other name: *Mucor oblongisporus* Naumov 1915. (IMI 119786). Ex: *Spartium junceum*. UK. Risk group: 4. (Medium [9](#), 20°C, C-7, C-13, F-1). ([153](#), [1365](#))

Mucor mucedo Linnaeus 1753

F-1480 <-- INMI, VKM F-1480 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 261. Received as: *Mucor rubescens*. Synonym *Mucor murorum* Naumov 1915. Other name: *Mucor rubescens* Leger 1895. Ex: *Prunus persica*, decaying fruit. Erevan. Armenia. Risk group: 4. (Medium [9](#), 15°C, C-7, C-8, C-13, D-4, F-1). ([153](#))

Mucor odoratus Treschew 1940

F-1236 Òype <-- INMI, VKM F-1236 <- CBS, CBS 130.41. Received as: *Mucor odoratus*. (BCRC 32155; CBS 130.41). Ex: air. Laboratory. Denmark. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1312](#), [1365](#))

Mucor odoratus Treschew 1940

F-1478 <-- INMI, VKM F-1478 <- Hiroshima Jogakuin College, Japan. Received as: *Mucor rufescens*. Synonym *Mucor rufescens* A. Fischer 1892. Ex: soil. Japan. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, C-7, F-1). ([1365](#))

Mucor piriformis A. Fischer 1892

F-960 <-- INMI, VKM F-960 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 13. Received as: *Mucor wosnessenskii*. Synonym: *Mucor wosnessenskii* Schostakowitsch 1898. (IFO (now NBRC) 9413; NBRC 9413). Ex: litter. Cedar forest. Magadan. Russia. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, F-1, S-5)

Mucor piriformis A. Fischer 1892

F-964 <-- INMI, VKM F-964 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 6/5. Received as: *Mucor alboater*. Synonym *Mucor alboater* Naumov 1915, *Mucor wosnessenskii* Schostakowitsch 1898. (CBS 527.68; IFO (now NBRC) 9414; IMI 133973; NBRC 9414). Ex: river water. Delta of Danube River. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, D-4, F-1). ([1310](#), [1365](#))

Mucor piriformis A. Fischer 1892

F-1050 <-- INMI, VKM F-1050 <- CBS, CBS 175.27. Received as: *Mucor wosnessenskii*. Synonym *Mucor wosnessenskii* Schostakowitsch 1898. MT-. (CBS 175.27; IFO 9415; NBRC 9415). France. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, F-1, S-5). ([1310](#), [1365](#))

Mucor piriformis A. Fischer 1892

F-1357 Neotype <-- INMI, VKM F-1357 <- CBS, CBS 169.25. Received as: *Mucor*

piriformis. Synonym *Mucor wosnessenskii* Schostakowitsch 1898. MT-. (BCRC 32154; CBS 169.25). Ex: *Pyrus communis*, decaying fruit. Risk group: 4. (Medium [9](#), 20°C, C-8, C-13, F-1). ([153](#), [1310](#), [1365](#))

Mucor piriformis A. Fischer 1892

F-1416 <-- INMI, VKM F-1416 <- CBS, CBS 225.29. Received as: *Mucor alboater*. Synonym *Mucor wosnessenskii* Schostakowitsch 1898, *Mucor alboater* Naumov 1915. MT+. (CBS 225.29; IFO 9399; NRRL 3318; NBRC 9399). Risk group: 4. (Medium [9](#), 20°C, C-1, F-1, S-5). ([153](#), [1310](#), [1365](#))

Mucor plasmaticus van Tieghem 1875

F-852 <-- INMI, VKM F-852 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 115. Received as: *Mucor plasmaticus*. Synonym: *Mucor mucilagineus* Brefeld 1881. (CBS 402.73). Ex: forest-mouse dung. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([1310](#), [1365](#))

Mucor plumbeus Bonorden 1864

F-509 <-- INMI, VKM F-509 <- Eroshin V.K. IBPM <- INMI Armenii, 221. Received as: *Mucor plumbeus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-539 <-- INMI, VKM F-539 <- Eroshin V.K. IBPM <- DSB MSU, 157. Received as: *Mucor adriaticus*. Synonym *Mucor adriaticus* Pispek 1929. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-550 <-- INMI, VKM F-550 <- Eroshin V.K. IBPM <- VIZR, 267. Received as: *Mucor globosus*. Synonym *Mucor spinosus* van Tieghem 1878. Other name: *Mucor globosus* A. Fischer 1892. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-559 <-- INMI, VKM F-559 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20965.2919. Received as: *Mucor plumbeus*. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-560 <-- INMI, VKM F-560 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 633. Received as: *Mucor plumbeus*. Synonym *Mucor spinosus* van Tieghem 1878. Ex: air. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-561 <-- INMI, VKM F-561 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20963.3018. Received as: *Mucor plumbeus*. Synonym *Mucor spinosus* van Tieghem 1878. (VKM F-961). Ex: *Carpinus* sp. Afforestation.

Poltava Region, Piryatyn. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, F-1, S-5)

Mucor plumbeus Bonorden 1864

F-562 <-- INMI, VKM F-562 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 770. Received as: *Mucor plumbeus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-563 <-- INMI, VKM F-563 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 353. Received as: *Mucor plumbeus*. Synonym *Mucor spinosus* van Tieghem 1878. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-565 <-- INMI, VKM F-565 <- Eroshin V.K. IBPM <- National Research Center of Antibiotics, Moscow, Russia, RIA 278. Received as: *Mucor plumbeus*. Synonym *Mucor spinosus* van Tieghem 1878. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-566 <-- INMI, VKM F-566 <- Eroshin V.K. IBPM <- VIZR, 474. Received as: *Mucor plumbeus*. Synonym *Mucor spinosus* van Tieghem 1878. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1)

Mucor plumbeus Bonorden 1864

F-961 <-- INMI, VKM F-961 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20963-3018. Received as: *Mucor plumbeus*. Synonym *Mucor spinosus* van Tieghem 1878. (VKM F-561). Ex: *Carpinus* **sp.** Afforestation. Poltava Region, Piryatyn. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([9158](#))

Mucor plumbeus Bonorden 1864

F-2334 <-- IBPM, IBPM F-19 <- VIZR, VIZR-283. Received as: *Mucor plumbeus*. Ex: *Gossypium* **sp.** Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1, S-5)

Mucor plumbeus Bonorden 1864

F-3034 <-- Mirchink T.G. DSB MSU, 423. Received as: *Mucor plumbeus*. Ex: soddy-podzolic soil. Fir-grove. Moscow Region, Podolsk. Russia. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1, S-5)

Mucor psychrophilus Milko 1971

F-1441 Type <-- INMI, VKM F-1441 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 10. Received as: *Mucor psychrophilus*. (BCRC 32153; CBS 288.71). Ex: sheep dung. Murmansk Region, Dalnie Zelentsy. Russia. Risk group: 4. (Medium [9](#), 10°C, C-5, C-8, C-7, F-1, S-5). ([153](#), [1310](#), [1365](#), [4028](#))

- Mucor racemosus*** Fresenius 1850 var. *chibinensis* (Neophytova 1955) Schipper 1976
F-542 <-- INMI, VKM F-542 <- Eroshin V.K. IBPM, 735 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 653. Received as: *Mucor berolinensis*. Other name: *Mucor berolinensis* Naumov 1935. (CBS 660.66). Ex: halva. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([1311](#), [1365](#), [2550](#))
- Mucor racemosus*** Fresenius 1850 var. *chibinensis* (Neophytova 1955) Schipper 1976
F-544 <-- INMI, VKM F-544 <- Eroshin V.K. IBPM, 147 <- DMA MSU. Received as: *Mucor chibinensis*. Synonym *Mucor chibinensis* Neophytova 1955. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))
- Mucor racemosus*** Fresenius 1850 var. *chibinensis* (Neophytova 1955) Schipper 1976
F-545 <-- INMI, VKM F-545 <- Eroshin V.K. IBPM <- Department of Botany, Faculty of Biology, Saint Petersburg, Russia, 265. Received as: *Mucor chibinensis*. Synonym *Mucor chibinensis* Neophytova 1955. (ATCC 18384; BCRC 32162; CBS 636.67; IMI 129972; NRRL 3303; NRRL A-17768). Ex: meadow soil. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([1311](#), [1365](#), [2550](#))
- Mucor racemosus*** Fresenius 1850 var. *chibinensis* (Neophytova 1955) Schipper 1976
F-2335 <-- IBPM, IBPM F-12 <- DMA MSU. Received as: *Mucor chibinensis*. Synonym *Mucor chibinensis* Neophytova 1955. Risk group: 4. (Medium [9](#), 25°C, C-7, C-13, F-1, S-5). ([2550](#), [2968](#))
- Mucor racemosus*** Fresenius 1850 var. *racemosus*
F-490 <-- INMI, VKM F-490 <- Eroshin V.K. IBPM <- DMA MSU, 152. Received as: *Mucor erectus*. Other name: *Mucor erectus* Bainier 1884. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([3068](#))
- Mucor racemosus*** Fresenius 1850 var. *racemosus*
F-500 <-- INMI, VKM F-500 <- Eroshin V.K. IBPM <- DSB MSU, 153. Received as: *Mucor pusillus*. Other name: *Mucor pusillus* Lindt 1886. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1)
- Mucor racemosus*** Fresenius 1850 var. *racemosus*
F-501 <-- INMI, VKM F-501 <- Eroshin V.K. IBPM <- DSB MSU, 154. Received as: *Mucor pusillus*. Other name: *Mucor pusillus* Lindt 1886. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2232](#))
- Mucor racemosus*** Fresenius 1850 var. *racemosus*
F-503 <-- INMI, VKM F-503 <- Eroshin V.K. IBPM <- DSB MSU, 163. Received as: *Mucor pusillus*. Other name: *Mucor pusillus* Lindt 1886. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1)
- Mucor racemosus*** Fresenius 1850 var. *racemosus*
F-504 <-- INMI, VKM F-504 <- Eroshin V.K. IBPM <- DSB MSU, 165. Received as: *Mucor pusillus*. Other name: *Mucor pusillus* Lindt 1886. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1)

Mucor racemosus Fresenius 1850 var. *racemosus*

F-547 <-- INMI, VKM F-547 <- Eroshin V.K. IBPM, 401 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 166. Received as: *Mucor dimorphosporus*. Synonym *Mucor dimorphosporus* Lendner 1907. (VKM F-548). Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1)

Mucor racemosus Fresenius 1850 var. *racemosus*

F-548 <-- INMI, VKM F-548 <- Eroshin V.K. IBPM, 376 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 166. Received as: *Mucor dimorphosporus*. Synonym *Mucor dimorphosporus* Lendner 1907. (VKM F-547). Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1)

Mucor racemosus Fresenius 1850 var. *racemosus*

F-551 <-- INMI, VKM F-551 <- Eroshin V.K. IBPM, 374 <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 760. Received as: *Mucor guilliermondii*. Other name: *Mucor guilliermondii* Nadson et Philippow 1925. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1)

Mucor racemosus Fresenius 1850 var. *racemosus*

F-567 <-- INMI, VKM F-567 <- Eroshin V.K. IBPM <- DSB MSU, 164. Received as: *Mucor pusillus*. Other name: *Mucor pusillus* Lindt 1886. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1)

Mucor racemosus Fresenius 1850 var. *racemosus*

F-568 <-- INMI, VKM F-568 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 171. Received as: *Mucor racemosus*. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1)

Mucor racemosus Fresenius 1850 var. *racemosus*

F-569 <-- INMI, VKM F-569 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 363. Received as: *Mucor racemosus*. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-570 <-- INMI, VKM F-570 <- Eroshin V.K. IBPM, 383 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 596. Received as: *Mucor racemosus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#), [2968](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-571 <-- INMI, VKM F-571 <- Eroshin V.K. IBPM, 385 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 429. Received as: *Mucor racemosus*. Ex: gum-arabic. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-572 <-- INMI, VKM F-572 <- Eroshin V.K. IBPM, 389 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 632. Received as: *Mucor racemosus*. Ex: air. Confectionery factory. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-573 <-- INMI, VKM F-573 <- Eroshin V.K. IBPM, 499 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 91. Received as: *Mucor racemosus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-575 <-- INMI, VKM F-575 <- Eroshin V.K. IBPM, 386 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 430. Received as: *Mucor racemosus*. Ex: horse manure. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-576 <-- INMI, VKM F-576 <- Eroshin V.K. IBPM, 384 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 410. Received as: *Mucor racemosus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-577 <-- INMI, VKM F-577 <- Eroshin V.K. IBPM, 388 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 631. Received as: *Mucor racemosus*. Confectionery factory. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#), [2968](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-578 <-- INMI, VKM F-578 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 469. Received as: *Mucor racemosus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-584 <-- INMI, VKM F-584 <- Eroshin V.K. IBPM <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 2589. Received as: *Mucor sp.* Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-651 <-- INMI, VKM F-651 <- Eroshin V.K. IBPM, 521 <- Romania. Received as: *Mucor lamprosporus*. Other name: *Mucor lamprosporus* Lendner 1907. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1, S-5). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-653 <-- INMI, VKM F-653 <- Eroshin V.K. IBPM, 151 <- DMA MSU. Received as: *Mucor racemosus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-667 <-- INMI, VKM F-667 <- Eroshin V.K. IBPM, 161 <- DSB MSU, 181. Received as: *Mucor pusillus*. Other name: *Mucor pusillus* Lindt 1886. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-1128 <-- INMI, VKM F-1128 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 9/2. Received as: *Mucor christianensis*. Synonym *Mucor christianensis* Hagem 1910. (ATCC 18362; IMI 129975; NRRL A-15998). Ex: water. Volga River. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([1365](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-2076 <-- INMI, VKM F-2076 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 3. Received as: *Mucor racemosus*. Ex: liquid fuel. Vietnam. Risk group: 4. (Medium [9](#), 25°C, C-13, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-2336 <-- IBPM, IBPM F-18 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 8. Received as: *Mucor racemosus*. Ex: oil painting. USSR. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1, S-5). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-2490 <-- INMI, VKM F-2490 <- Abyzov S.S. INMI, 226f. Received as: *Mucor racemosus*. Ex: glacier thickness. Central Antarctica. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1). ([2550](#))

Mucor racemosus Fresenius 1850 var. *racemosus*

F-2790 <-- Rudakov O.L. INMI, VKM MF-308. Received as: *Mucor hiemalis*. Ex: fungus, *Septoria* sp. Caucasus area. Krasnodar Territory. Russia. Risk group: 4. (Medium [9](#), 25°C, C-13, F-1, S-5). ([2550](#))

Mucor racemosus Fresenius 1850 var. *sphaerosporus* (Hagem 1908) Schipper 1970

F-541 <-- INMI, VKM F-541 <- Eroshin V.K. IBPM, 373 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 493. Received as: *Mucor berolinensis*. Other name: *Mucor berolinensis* Naumov 1935. Ex: macaroni. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2550](#), [5462](#), [5604](#), [6192](#), [7779](#))

Mucor racemosus Fresenius 1850 var. *sphaerosporus* (Hagem 1908) Schipper 1970

F-913 <-- INMI, VKM F-913 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1300. Received as: *Mucor globosus*. Synonym *Mucor globosus* A.Fischer 1892. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([2550](#))

Mucor racemosus Fresenius 1850 var. *sphaerosporus* (Hagem 1908) Schipper 1970

F-1237 <-- INMI, VKM F-1237 <- CBS, CBS 258.39. Received as: *Mucor pyri*. Synonym *Mucor pyri* M.P.English 1943, *Mucor globosus* A.Fischer 1892. MT-. (CBS 258.39). UK. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([1311](#), [1365](#), [2550](#))

Mucor ramosissimus Samoutsevitch 1927

F-1229 Neotype <-- INMI, VKM F-1229 <- CBS, CBS 135.65. Received as: *Mucor ramosissimus*. (ATCC 28993; BCRC 32160; CBS 135.65; IHM 1485; IMI 96350; NRRL 3042). Ex: man. Uruguay. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1311](#), [1365](#))

Mucor saturninus Hagem 1910

F-999 <-- INMI, VKM F-999 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 22. Received as: *Mucor saturninus*. Ex: forest soil. near Weimar. Germany. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1365](#))

Mucor sinensis Milko et Beliakova 1971

F-638 Òype <-- INMI, VKM F-638 <- Eroshin V.K., 113 <- Institute of Fermentation, China, 240/3825. Received as: *Mucor vutungkiao*. Other name: *Mucor vutungkiao non autor*. (BCRC 32104; CBS 204.74; CCF 2020; DSM 2227). Ex: soy cheese. China. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([607](#), [1312](#), [4117](#))

Mucor strictus Hagem 1908

F-789 <-- INMI, VKM F-789 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 26370(147). Received as: *Mucor kanivcevii*. Synonym: *Mucor kanivcevii Pavlenko et Milko 1965* Type strain. (BCRC 32524; CBS 100.66; IFO (now NBRC) 9563; IMI 119347; NRRL 5845; NBRC 9563). Ex: peat. Zhitomir Region. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([152](#), [1310](#), [1365](#))

Mucor strictus Hagem 1908

F-1093 <-- INMI, VKM F-1093 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 69/7. Received as: *Mucor strictus*. Ex: water. Rhodon spring, dendropark. Kiev Region, Belaya Tserkov. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-7, C-8, F-1, S-5). ([1365](#))

Mucor ucrainicus Milko 1971

F-1440 Type <-- INMI, VKM F-1440 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 34. Received as: *Mucor ucrainicus*. (BCRC 32187; CBS 221.71). Ex: mouse dung. near Kiev. Ukraine. Risk group: 4. (Medium [9](#), 20°C, C-8, F-1, S-5). ([153](#), [1312](#), [1365](#))

Mucor zonatus Milko 1967

F-997 Òype <-- INMI, VKM F-997 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 9. Received as: *Mucor zonatus*. (BCRC 32101; CBS 148.69). Ex: forest soil. near Drezden. Germany. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, F-1). ([144](#), [1311](#), [1365](#))

Mucor zonatus Milko 1967

F-998 <-- INMI, VKM F-998 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 33. Received as: *Mucor zonatus*. Ex: forest soil. near Karlovy Vary. Czech Republic. Risk group: 4. (Medium [9](#), 20°C, C-1, C-7, C-8, F-1, S-5). ([1365](#))

Mucor zychnae Bajjal et B.S. Mehrotra 1965 var. *zychnae*

F-1363 Type <-- INMI, VKM F-1363 <- CBS, CBS 416.67. Received as: *Mucor zychnae*. (BCRC 32105; CBS 416.67). Ex: manured soil. Allahabad. India. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1). ([888](#), [1312](#), [1365](#), [2550](#))

Mucor zychnae Bajjal et B.S. Mehrotra 1965 var. *zychnae*

F-1434 <-- INMI, VKM F-1434 <- Botanical Department, University of Allahabad, India. Received as: *Mucor zychnae*. Ex: soil. India. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([401](#), [1365](#))

Mutinus caninus (Hudson 1778) Fries 1849

F-3238 <-- Lomonosov Moscow State University, Moscow, Russia <- IF. Received as: *Mutinus caninus* (Hudson 1778) Fries 1849. Ex: fruitbody. Republic of Karelia, Petrozavodsk District. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Myceliophthora lutea Costantin 1892

F-2876 <-- Rudakov O.L. INMI, VKM MF-568 <- ATCC, ATCC 14741. Received as: *Chrysosporium luteum*. Synonym: *Chrysosporium luteum* (Costantin 1892) Carmichael 1962, *Sporotrichum carthusio-viride* Rai et Mukerji 1962 Type strain. (ATCC 14741; CBS 379.76). Ex: clay soil with secondary salinity. India. Risk group: no. (Medium [11](#), 30°C, C-8, D-4, F-1, S-5). ([3354](#), [5604](#), [6766](#), [8258](#))

Myceliophthora thermophila (Apinis 1962) van Oorschot 1977

F-2109 <-- INMI, VKM F-2109 <- TUB, WFPL 264A. Received as: *Sporotrichum thermophilum*. Synonym: *Sporotrichum thermophilum* Apinis 1963. (WFPL 264A). Risk group: no. (Medium [11](#), 45°C, C-1, D-4, F-1, S-5). ([1913](#), [4480](#), [5388](#))

Myceliophthora thermophila (Apinis 1962) van Oorschot 1977

F-3423 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-244 <- QM 9382. Received as: *Myceliophthora thermophila*. Synonym *Sporotrichum thermophilum* Apinis 1962. (QM 9382 *Sporotrichum Thermophilum* VKPM F-244). Risk group: no. (Medium [11](#), 35°C, C-8, F-1, S-5)

Myceliophthora vellerea (Saccardo et Spegazzini 1882) van Oorschot 1980

F-2874 Type <-- Rudakov O.L. INMI, VKM MF-566 <- ATCC, ATCC 14801. Received as: *Chrysosporium asperatum*. Synonym: *Chrysosporium asperatum* Carmichael 1962 Type strain. (ATCC 14801; CBS 715.84; IFO 7582; IMI 094289; MUCL 10066; UAMH 560). Ex: soil. Ploughed field. Alberta,

Edmonton. Canada. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([307](#), [887](#))

Mycogone cervina Ditmar 1817

F-1654 <-- INMI, VKM F-1654 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 104. Received as: *Mycogone cervina*. Ex: soil. Kharkov. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-5, C-7, S-5).

Mycogone nigra (Morgan 1895) C.N. Jensen 1912

F-726 <-- INMI, VKM F-726 <- Mirchink T.G. DSB MSU, 50. Received as: *Mycogone nigra*. Ex: regosolic soil. Eastern Pamirs. USSR. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Mycogone nigra (Morgan 1895) C.N. Jensen 1912

F-1032 <-- INMI, VKM F-1032 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4037. Received as: *Mycogone nigra*. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Mycogone rosea Link 1809

F-2688 <-- Rudakov O.L. INMI, VKM MF-43. Received as: *Mycogone rosea*. Ex: fungus, *Ampulloclitocybe clavipes*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Mycogone rosea Link 1809

F-2789 <-- Rudakov O.L. INMI, VKM MF-306. Received as: *Mycogone rosea*. (CBS 563.78B). Ex: fungus, *Ampulloclitocybe clavipes*. Moscow Region, Serpukhov District, Gurovo. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Mycogone rosea Link 1809

F-2815 <-- Rudakov O.L. INMI, VKM MF-423. Received as: *Mycogone rosea*. Ex: fungus, *Ampulloclitocybe clavipes*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#))

Mycogone rosea Link 1809

F-2825 <-- Rudakov O.L. INMI, VKM MF-451. Received as: *Mycogone rosea*. (CBS 563.78A). Ex: fungus, *Amanita sp.* Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#))

Mycosticta cytosporicola Frolov 1968

F-2841 <-- Rudakov O.L. INMI, VKM MF-489. Received as: *Mycosticta cytosporicola*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, F-1, S-5).

Mycotypha africana R.O. Novak et Backus 1963

F-1214 Òype <-- INMI, VKM F-1214 <- ATCC, ATCC 15344. Received as: *Mycotypha africana*. (ATCC 15344; BCRC 31808; CBS 122.64; DSM 3118; IMI 139108; MUCL 9659; NCIM 1230; NRRL 2978; RSA 1193). Ex: soil. south of Umtali (Mutare). Zimbabwe. Risk group: no. (Medium [9](#), 25°C, C-1, C-7,

C-8, F-1). ([552](#), [1307](#), [1365](#), [2733](#), [4028](#))

Mycotypha indica P.M. Kirk et Benny 1985

F-3498 Type <-- ATCC, ATCC 58768. Received as: *Mycotypha indica*. (ATCC 58768; CBS 245.84; IMI 211999). Ex: soil. Madhya Pradesh. India. Risk group: no. (Medium [9](#), 25°C, C-13, F-1). ([4028](#))

Myxotrichum setosum (Eidam 1882) G.F. Orr et Plunkett 1963

F-2157 <-- INMI, VKM F-2157 <- Sizova T.P. DMA MSU. Received as: *Gymnoascus setosus*. Synonym: *Gymnoascus setosus* Eidam 1882. Risk group: no. (Medium [11](#), 25°C, C-13, F-1, S-5).

Myxotrichum setosum (Eidam 1882) G.F. Orr et Plunkett 1963

F-4050 <-- Aleksandrova A.V. DMA MSU, 56. Received as: *Myxotrichum setosum*. Ex: *Sorex araneus*, fur on litter. Complexed fir-grove, Zabrovo line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [9](#), 25°C, F-1, S-5)

Myxotrichum stipitatum (Eidam 1882) G.F. Orr et Kuehn 1963

F-1566 <-- INMI, VKM F-1566 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51904. Received as: *Gymnoascus stipitatus*. Synonym: *Gymnoascus stipitatus* Lindfors 1920. Ex: *Hordeum* **sp.**, root. Sumy Region, Glukhov. Ukraine. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5). ([4288](#))

Nadsoniella nigra Issatschenko 1914 var. *hesuelica* Lyakh et Ruban 1970

F-2137 Type <-- INMI, VKM F-2137 <- INMI, VKM Y-1552 <- Ruban E.A., Lyakh S.P. INMI, 365. Received as: *Nadsoniella nigra*. (CBS 546.82). USSR. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-4, S-5). ([2636](#), [2861](#), [2862](#), [4197](#), [5433](#), [6414](#), [6788](#), [6796](#), [9019](#))

Nakataea sigmoidea (Cavara 1889) Hara 1939

F-1444 <-- INMI, VKM F-1444 <- National Research Center of Antibiotics, Moscow, Russia, RIA 159A. Received as: *Helminthosporium sigmoideum*. Synonym: *Helminthosporium sigmoideum* Cavara 1889. (RIA 159A). Risk group: no. (Medium [13](#), 25°C, C-8, S-5).

Nectria cosmariospora Cesati et de Notaris 1863

F-2862 <-- Rudakov O.L. INMI, VKM MF-545 <- CBS, CBS 983.70. Received as: *Nectria cosmariospora*. (CBS 983.70). Ex: fungus, *Inonotus radiatus*. Germany. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([5378](#), [5604](#), [7473](#))

Nectria cosmariospora Cesati et de Notaris 1863

F-2863 <-- Rudakov O.L. INMI, VKM MF-546 <- CBS, CBS 341.70. Received as: *Nectria cosmariospora*. (CBS 341.70). Ex: fungus, *Inonotus nodulosus*. Germany. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([7473](#))

Nematogonum mycophilum (Saccardo 1886) Rogerson et W. Gams 1981

F-2750 <-- Rudakov O.L. INMI, VKM MF-167. Received as: *Monilia mycophila*.

Synonym: *Monilia mycophila* Saccardo 1886. Ex: fungus, *Schizophyllum commune*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#))

Neocamarosporium betae (Berlese 1888) Ariyawansa et K.D. Hyde 2015

F-2532 Authentic strain <-- ATCC, ATCC 24635 <- Boerema G.H., PD72/722. Received as: *Phoma betae*. Synonym: *Phoma betae* A.B. Frank 1892. (ATCC 24635). Ex: *Beta vulgaris*. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([1308](#), [5006](#), [5193](#), [5914](#))

Neocamarosporium betae (Berlese 1888) Ariyawansa et K.D. Hyde 2015

F-3507 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, K-2. Received as: *Phoma exigua*. Synonym *Phoma betae* A.B. Frank 1892. Ex: water. Kuibyshev Reservoir. Republic of Tatarstan, Atabaevo. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Neocosmospora vasinfecta E.F. Smith 1899 var. *africana* (von Arx 1955) Cannon et D. Hawksworth 1984

F-1139 <-- INMI, VKM F-1139 <- Kamyschko O.P. VIZR, 2670/4. Received as: *Neocosmospora vasinfecta* f. *conidiifera*. Synonym: *Neocosmospora vasinfecta* E.F.Smith 1899 f. *conidiifera* Kamyschko 1965 Type strain. (ATCC 32362; CBS 602.67). St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5).

Neocosmospora vasinfecta E.F. Smith 1899 var. *africana* (von Arx 1955) Cannon et D. Hawksworth 1984

F-1736 <-- INMI, VKM F-1736 <- Shkurenko V.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 60159. Received as: *Neocosmospora vasinfecta* f. *conidiifera*. Synonym *Neocosmospora vasinfecta* E.F.Smith 1899 f. *conidiifera* Kamyschko 1965. Ex: soil, depth 0-2 cm. Maize field, interrow. Odessa Region. Ukraine. Risk group: no. (Medium [14](#), 25°C, C-8, F-1)

Neocucurbitaria salicis-albae Crous et R. K. Schumacher 2019

F-4542 <-- VKM IBPM, VKM FW-3187. Received as: *Pyrenochaeta sp.* Ex: permafrost, hole A5/08, depth 1,15-1,20 m. Bunger Oasis, Wilkes Land, Mount Chernaya area, Antarctica. DNA sequences: JN835190. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Neolentinus suffrutescens (Brotero 1804) T.W. May et A.E. Wood 1995

F-432 <-- INMI, VKM F-432 <- V.A. Kucherenko Central Research Institute of Building Constructions, Moscow, Russia. Received as: *Lentinus lepideus* (Fries 1815) Fries 1838. Synonym: *Lentinus lepideus* (Fries 1815) Fries 1838, *Neolentinus lepideus* (Fries 1815) Redhead et Ginns 1985. (IBK F-66). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Neolentinus suffrutescens (Brotero 1804) T.W. May et A.E. Wood 1995

F-710 <-- INMI, VKM F-710 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Lentinus lepideus* (Fries

1815) Fries 1838. Synonym *Lentinus lepideus* (Fries 1815) Fries 1838, *Neolentinus lepideus* (Fries 1815) Redhead et Ginns 1985. (IBK F-103). Ex: pine sleeper. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Neonectria galligena (Bresadola 1901) Rossman et Samuels 1999

F-1187 <-- INMI, VKM F-1187 <- EAN, EAN 110(440). Received as: *Nectria galligena*. Synonym: *Nectria galligena* Bresadola 1901. Ex: *Malus sylvestris* (syn. *Pyrus malus*). Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-5). ([6379](#))

Neoscytalidium dimidiatum (Penzig 1887) Crous et Slippers 2006

F-417 <-- INMI, VKM F-417 <- CBS, CBS 380.36. Received as: *Torula dimidiata*. Synonym: *Torula dimidiata* Penzig 1887. (CBS 380.36; IFO 6422; MUCL 7916). Ex: *Citrus aurantium*. Risk group: no. (Medium [13](#), 25°C, C-8, S-5).

Neottiospora caricina (Desmazieres 1836) Hoehnel 1924

F-2517 <-- IBIW, 1135. Received as: *Neottiospora caricina*. Ex: *Typha latifolia*, leaf. Pond. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5).

Neovossia setariae (Ling 1945) Yu et Lou 1962

F-2962 <-- Oberwinkler F., Germany, GD 1751.00. Received as: *Neovossia setariae* (Ling 1945) Yu et Lou 1962. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Neurospora crassa Shear et B.O. Dodge 1927

F-184 <-- INMI, VKM F-184 <- CBS, CBS 327.54 <- Dodge B.O., No 5256A <- Singleton <- Beadle G.W. Received as: *Neurospora crassa*. (ATCC 10815; CBS 327.54; IMI 075721). Risk group: no. (Medium [9](#), 25°C, C-1, F-1, S-5). ([5174](#), [5456](#), [5626](#), [5714](#), [5741](#), [6382](#), [7876](#))

Neurospora crassa Shear et B.O. Dodge 1927

F-872 <-- INMI, VKM F-872 <- ATCC, RL 21. Received as: *Neurospora crassa*. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-873 <-- INMI, VKM F-873 <- ATCC. Received as: *Neurospora crassa*. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-875 <-- INMI, VKM F-875; ATCC, ATCC 28610. Received as: *Neurospora crassa*. (ATCC 28610; FGSC 183). Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#), [7797](#))

Neurospora crassa Shear et B.O. Dodge 1927

F-876 <-- INMI, VKM F-876; ATCC, ATCC 37709. Received as: *Neurospora crassa*. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-877 <-- INMI, VKM F-877 <- ATCC, Emersons osmotic mutant. Received as:

Neurospora crassa. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-878 <-- INMI, VKM F-878 <- ATCC, ATCC 8960. Received as: *Neurospora crassa*. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-4, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3336 <-- Ozerskaya S.M. VKM IBPM, 4P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 903 <- FGSC, FGSC 903. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3337 <-- Ozerskaya S.M. VKM IBPM, 13P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2695 <- FGSC, FGSC 2695. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3338 <-- Ozerskaya S.M. VKM IBPM, 14P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2696 <- FGSC, FGSC 2696. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3339 <-- Ozerskaya S.M. VKM IBPM, 44P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 17 <- FGSC, FGSC 17. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3340 <-- Ozerskaya S.M. VKM IBPM, 45P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 32 <- FGSC, FGSC 32. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3341 <-- Ozerskaya S.M. VKM IBPM, 46P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 33 <- FGSC, FGSC 33. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3342 <-- Ozerskaya S.M. VKM IBPM, 47P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 54 <- FGSC, FGSC 54. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3343 <-- Ozerskaya S.M. VKM IBPM, 48P <- Belozerskaya T.A., Kritskii M.S.

A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 65 <- FGSC, FGSC 65. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3344 <-- Ozerskaya S.M. VKM IBPM, 50P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 105 <- FGSC, FGSC 105. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3345 <-- Ozerskaya S.M. VKM IBPM, 51P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 128 <- FGSC, FGSC 128. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3346 <-- Ozerskaya S.M. VKM IBPM, 52P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 143 <- FGSC, FGSC 143. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3347 <-- Ozerskaya S.M. VKM IBPM, 53P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 291 <- FGSC, FGSC 291. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3348 <-- Ozerskaya S.M. VKM IBPM, 54P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 327 <- FGSC, FGSC 327. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3349 <-- Ozerskaya S.M. VKM IBPM, 55P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 358 <- FGSC, FGSC 358. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3350 <-- Ozerskaya S.M. VKM IBPM, 56P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 384 <- FGSC, FGSC 384. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3351 <-- Ozerskaya S.M. VKM IBPM, 57P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 485 <- FGSC, FGSC 485. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#),

25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3352 <-- Ozerskaya S.M. VKM IBPM, 58P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 487 <- FGSC, FGSC 487. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3353 <-- Ozerskaya S.M. VKM IBPM, 59P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 488 <- FGSC, FGSC 488. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3354 <-- Ozerskaya S.M. VKM IBPM, 60P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 628 <- FGSC, FGSC 628. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3355 <-- Ozerskaya S.M. VKM IBPM, 61P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 1119 <- FGSC, FGSC 1119. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3356 <-- Ozerskaya S.M. VKM IBPM, 62P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 910 <- FGSC, FGSC 910. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3357 <-- Ozerskaya S.M. VKM IBPM, 63P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 925 <- FGSC, FGSC 925. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3358 <-- Ozerskaya S.M. VKM IBPM, 64P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 926 <- FGSC, FGSC 926. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3359 <-- Ozerskaya S.M. VKM IBPM, 65P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 983 <- FGSC, FGSC 983. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3360 <-- Ozerskaya S.M. VKM IBPM, 66P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 985 <- FGSC, FGSC 985. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3361 <-- Ozerskaya S.M. VKM IBPM, 67P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 1177 <- FGSC, FGSC 1177. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3362 <-- Ozerskaya S.M. VKM IBPM, 68P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 1178 <- FGSC, FGSC 1178. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3363 <-- Ozerskaya S.M. VKM IBPM, 69P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 1955 <- FGSC, FGSC 1955. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3364 <-- Ozerskaya S.M. VKM IBPM, 70P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2082 <- FGSC, FGSC 2082. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3365 <-- Ozerskaya S.M. VKM IBPM, 71P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2083 <- FGSC, FGSC 2083. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3366 <-- Ozerskaya S.M. VKM IBPM, 72P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2218 <- FGSC, FGSC 2218. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3367 <-- Ozerskaya S.M. VKM IBPM, 73P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2666 <- FGSC, FGSC 2666. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3368 <-- Ozerskaya S.M. VKM IBPM, 74P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2667 <- FGSC,

FGSC 2667. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3369 <-- Ozerskaya S.M. VKM IBPM, 75P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2687 <- FGSC, FGSC 2687. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3370 <-- Ozerskaya S.M. VKM IBPM, 76P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2688 <- FGSC, FGSC 2688. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3371 <-- Ozerskaya S.M. VKM IBPM, 77P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2689 <- FGSC, FGSC 2689. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3372 <-- Ozerskaya S.M. VKM IBPM, 78P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2690 <- FGSC, FGSC 2690. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3373 <-- Ozerskaya S.M. VKM IBPM, 79P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2692 <- FGSC, FGSC 2692. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3374 <-- Ozerskaya S.M. VKM IBPM, 80P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2693 <- FGSC, FGSC 2693. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3375 <-- Ozerskaya S.M. VKM IBPM, 81P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2694 <- FGSC, FGSC 2694. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3376 <-- Ozerskaya S.M. VKM IBPM, 82P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2698 <- FGSC, FGSC 2698. Received as: *Neurospora crassa*. Risk group: no. (Medium 9, 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3377 <-- Ozerskaya S.M. VKM IBPM, 83P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2702 <- FGSC, FGSC 2702. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3378 <-- Ozerskaya S.M. VKM IBPM, 84P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2703 <- FGSC, FGSC 2703. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3379 <-- Ozerskaya S.M. VKM IBPM, 85P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2721 <- FGSC, FGSC 2721. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3380 <-- Ozerskaya S.M. VKM IBPM, 87P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2982 <- FGSC, FGSC 2982. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3381 <-- Ozerskaya S.M. VKM IBPM, 86P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2723 <- FGSC, FGSC 2723. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3382 <-- Ozerskaya S.M. VKM IBPM, 88P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 3184 <- FGSC, FGSC 3184. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3383 <-- Ozerskaya S.M. VKM IBPM, 89P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 4093 <- FGSC, FGSC 4093. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3384 <-- Ozerskaya S.M. VKM IBPM, 90P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 4094 <- FGSC, FGSC 4094. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3385 <-- Ozerskaya S.M. VKM IBPM, 91P <- Belozerskaya T.A., Kritskii M.S.

A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 4440 <- FGSC, FGSC 4440. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3386 <-- Ozerskaya S.M. VKM IBPM, 92P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 4636 <- FGSC, FGSC 4636. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3387 <-- Ozerskaya S.M. VKM IBPM, 93P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 4637 <- FGSC, FGSC 4637. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3388 <-- Ozerskaya S.M. VKM IBPM, 94P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 4638 <- FGSC, FGSC 4638. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3389 <-- Ozerskaya S.M. VKM IBPM, 95P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 5138 <- FGSC, FGSC 5138. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3390 <-- Ozerskaya S.M. VKM IBPM, 96P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R257 <- Russo E., Institute fur Molekulare Genetik, R257. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3391 <-- Ozerskaya S.M. VKM IBPM, 97P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R2 <- Russo E., Institute fur Molekulare Genetik, R2. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3392 <-- Ozerskaya S.M. VKM IBPM, 98P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 65 <- FGSC, FGSC 65. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3393 <-- Ozerskaya S.M. VKM IBPM, 128P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R100 <- Russo E., Institute fur Molekulare Genetik, R100. Received as: *Neurospora crassa*.

Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3394 <-- Ozerskaya S.M. VKM IBPM, 129P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R110 <- Russo E., Institute fur Molekulare Genetik, R110. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3395 <-- Ozerskaya S.M. VKM IBPM, 130P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R145 <- Russo E., Institute fur Molekulare Genetik, R145. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3396 <-- Ozerskaya S.M. VKM IBPM, 131P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R251 <- Russo E., Institute fur Molekulare Genetik, R251. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, C-8, F-1)

Neurospora crassa Shear et B.O. Dodge 1927

F-3397 <-- Ozerskaya S.M. VKM IBPM, 145P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R133 <- Russo E., Institute fur Molekulare Genetik, R133. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3398 <-- Ozerskaya S.M. VKM IBPM, 146P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R184 <- Russo E., Institute fur Molekulare Genetik, R184. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3399 <-- Ozerskaya S.M. VKM IBPM, 147P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R200 <- Russo E., Institute fur Molekulare Genetik, R200. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3400 <-- Ozerskaya S.M. VKM IBPM, 148P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, R252 <- Russo E., Institute fur Molekulare Genetik, R252. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4, S-5)

Neurospora crassa Shear et B.O. Dodge 1927

F-3401 <-- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 2492 <- FGSC, FGSC 2492. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4). ([6116](#), [6728](#))

Neurospora crassa Shear et B.O. Dodge 1927

F-3402 <-- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 4441 <- FGSC, FGSC 4441. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3403 <-- Ozerskaya S.M. VKM IBPM, 5P <- Belozerskaya T.A., Kritskii M.S., A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 1604 <- FGSC, FGSC 1604. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora crassa Shear et B.O. Dodge 1927

F-3404 <-- Ozerskaya S.M. VKM IBPM, 49P <- Belozerskaya T.A., Kritskii M.S. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia, 103 <- FGSC, FGSC 103. Received as: *Neurospora crassa*. Risk group: no. (Medium [9](#), 25°C, F-1, S-4)

Neurospora sitophila Shear et B.O. Dodge 1927

F-181 <-- INMI, VKM F-181 <- CBS, CBS 112.19. Received as: *Monilia sitophila*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora sitophila Shear et B.O. Dodge 1927

F-186 <-- INMI, VKM F-186 <- Afrikyan E.G. Institute of Microbiology Scientific and Production Center Armbiotechnology, Erevan, Armenia <- LCP, LCP 504. Received as: *Neurospora sitophila*. (LCP 504). Ex: laboratory contaminant. Paris. France. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora sitophila Shear et B.O. Dodge 1927

F-187 <-- INMI, VKM F-187 <- Shear C.L. CBS, CBS 178.27(A)+179.27(B). Received as: *Neurospora sitophila*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora sitophila Shear et B.O. Dodge 1927

F-188 <-- INMI, VKM F-188 <- Dodge B.O. CBS, CBS 235.31(A)+236.31(B), albino strain. Received as: *Neurospora sitophila*. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Neurospora toroi F.L. Tai 1935

F-189 <-- INMI, VKM F-189 <- CBS, CBS 259.35 <- Dodge B.O. Received as: *Neurospora toroi*. (ATCC 18935; CBS 259.35; FGSC 688). USA. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Niesslia exilis (Albertini et Schweinitz 1805) G. Winter 1887

F-2864 <-- Rudakov O.L. INMI, VKM MF-547 <- CBS, CBS 426.66. Received as: *Niesslia exilis*. (CBS 426.66). Ex: fungus, *Hypoxyylon sp.* Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5).

Nigrospora gorlenkoana Novobranova 1972

F-1761 Isotype <-- INMI, VKM F-1761 <- Novobranova T.I. DMA MSU, 251. Received as: *Nigrospora gorlenkoana*. (ATCC 24718; CBS 480.73; IMI 174726). Ex:

Vitis vinifera, cultivar Schasla belaja, berry. Alma-Ata Region. Kazakhstan. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Nigrospora gorlenkoana Novobranova 1972

F-1762 <-- INMI, VKM F-1762 <- Novobranova T.I. DMA MSU, 342. Received as: *Nigrospora gorlenkoana*. Ex: *Vitis vinifera*, cultivar Tajfi rosovyj, leaf. Alma-Ata Region. Kazakhstan. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Nigrospora oryzae (Berkeley et Broome 1873) Petch 1924

F-1939 <-- INMI, VKM F-1939 <- Kamyschko O.P. IBPM, IBPM F-331. Received as: *Nigrospora oryzae*. Ex: *Oryza sativa*. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([4567](#), [5604](#), [8876](#))

Nigrospora oryzae (Berkeley et Broome 1873) Petch 1924

F-3829 <-- Ivanushkina N.E. VKM IBPM, K-6. Received as: *Nigrospora oryzae*. Ex: *Hordeum vulgare*, cultivar Belgorodec, processed fungicide, grain. Tambov Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Nodulisporium gregarium (Berkeley et M.A. Curtis 1869) J.A. Meyer 1959

F-4321 <-- Aleksandrova A.V. DMA MSU, S 298. Received as: *Nodulisporium gregarium*. Ex: dark margalite-ferralite soil on weathered basalt. Lowland monsoon semi-deciduous plywood dominant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Nomuraea rileyi (Farlow 1883) Samson 1974

F-3427 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, LNI-MR(T)92. Received as: *Metarhizium flavoviride* W. Gams et Rozsypal 1973. Other name: *Metarhizium flavoviride* W. Gams et Rozsypal 1971. Ex: caterpillar of *Agrotis segetum*. Moscow Region, Taldom District, Borodino. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5).

Ochrocladosporium elatum (Harz 1871) Crous et U. Braun 2007

F-2288 <-- IBPM, IBPM F-306 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 118. Received as: *Cladosporium elatum*. Synonym: *Cladosporium elatum* (Harz 1871) Nannfeldt 1934. Ex: oil painting. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Ochroconis constricta (E.V. Abbott 1927) de Hoog et Arx 1973

F-3691 <-- Ivanushkina N.E. VKM IBPM, VKM G-462. Received as: *Scolecobasidium constrictum*. Synonym: *Scolecobasidium constrictum* E.V. Abbott 1927. Ex: soil. The south of island, mangrove thicket. Sri Lanka. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5).

Oidiodendron cereale (Thuemen 1880) G.L. Barron 1962

F-157 <-- INMI, VKM F-157 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 98H. Received as: *Haplographium fuligineum*. Synonym: *Haplographium fuligineum* van Beyma 1933. Ex: book. Russian State Library. Moscow. Russia. Risk group: no. (Medium [13](#),

25°C, C-1, C-7, F-1, S-5).

Oidiodendron cereale (Thuemen 1880) G.L. Barron 1962

F-476 <-- INMI, VKM F-476 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 618. Received as: Haplographium fuligineum. Synonym Haplographium fuligineum van Beyma 1933. Ex: book paper. Russian State Library. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, S-5)

Oidiodendron cereale (Thuemen 1880) G.L. Barron 1962

F-2227 <-- Milko A.A. IBIW, 695B. Received as: Stephanosporium cereale. Synonym Stephanosporium cereale (Thuemen 1880) Swart 1965. Ex: air. Confectionery factory. Vilnius. Lithuania. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Oidiodendron cereale (Thuemen 1880) G.L. Barron 1962

F-4016 <-- Aleksandrova A.V. DMA MSU, 47. Received as: Oidiodendron cereale. Ex: clay and stony soil. Karst cave, caves system Sjany. Moscow Region, Domodedovo District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Oidiodendron cereale (Thuemen 1880) G.L. Barron 1962

F-4025 <-- Aleksandrova A.V. DMA MSU, 59. Received as: Oidiodendron cereale. Ex: Sorex araneus, fur on litter. Complexed fir-grove forest, Zabrovo line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Oidiodendron echinulatum G.L. Barron 1962

F-3738 <-- Sogonov M.V. DMA MSU, 131. Received as: Oidiodendron echinulatum. Ex: soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Oidiodendron griseum Robak 1934

F-3860 <-- Aleksandrova A.V. DMA MSU, Mn7. Received as: Oidiodendron griseum. Ex: podzolic soil, A1 horizon. Pine-spruce forest, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Oidiodendron periconioides Morrall 1968

F-4024 <-- Aleksandrova A.V. DMA MSU, 55. Received as: Oidiodendron periconioides. Ex: Sorex araneus, fur on litter. Complexed fir-grove, Zabrovo line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Oidiodendron tenuissimum (Peck 1894) S. Hughes 1958

F-4027 <-- Aleksandrova A.V. DMA MSU, 53. Received as: Oidiodendron tenuissimum. Ex: Sorex minutus, fur on litter. Alder-birch forest with spruce underwood, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1,

S-5)

Oidiodendron tenuissimum (Peck 1894) S. Hughes 1958

F-4333 <-- Aleksandrova A.V. DMA MSU, S 538. Received as: *Oidiodendron tenuissimum*. Ex: coniferous litter (5-7 cm). Dark coniferous mountain taiga (*Pinus sibirica*, *Abies sibirica*), flat top of the knoll, Sanste hole. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Oidiodendron truncatum G.L. Barron 1962

F-3739 <-- Sogonov M.V. DMA MSU, 132. Received as: *Oidiodendron truncatum*. Ex: soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Oidiodendron truncatum G.L. Barron 1962

F-3740 <-- Sogonov M.V. DMA MSU, 136. Received as: *Oidiodendron truncatum*. Ex: soil. Teberda State Biosphere Reserve. Karachay-Cherkess Republic, Teberda, 5 km to west. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Oidiodendron truncatum G.L. Barron 1962

F-3848 <-- Aleksandrova A.V. DMA MSU, Dm50. Received as: *Oidiodendron truncatum*. Ex: clay and stony soil. Karst cave. Moscow Region, Domodedovo District. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Oospora nicotianae Pezzolato 1899

F-211 <-- INMI, VKM F-211 <- CBS, CBS 127.21. Received as: *Oospora nicotianae*. Synonym: *Andreaea deliensis* Palm et Jochems 1923. Sumatra Island. Indonesia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Oospora oryzae Ferraris 1902

F-213 <-- INMI, VKM F-213 <- CBS. Received as: *Oospora oryzae*. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Oospora sajanica Ogarkov 1979

F-2020 Type <-- INMI, VKM F-2020 <- Ogarkov B.N. Archives of Irkutsk State University. Received as: *Oospora sajanica*. Siberia. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Oospora sulphurea (Preuss 1852) Saccardo et Voglino 1886

F-2346 <-- IBPM, IBPM F-134 <-- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 138. Received as: *Oospora sulphurea*. Ex: oil painting. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5)

Oospora sulphurella (Saccardo et Roumeguere 1881) Saccardo 1886

F-216 <-- INMI, VKM F-216 <- CBS, CBS 337.54. Received as: *Oospora sulphurella*. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Oospora tenuis (P. Maze 1910) Berkhout 1923

F-217 <-- INMI, VKM F-217 <- CBS, CBS 114.12 <- IEP. Received as: *Oospora tenuis*. (CBS 114.12). Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Ophiostoma piceae (Muench 1907) Sydow et P. Sydow 1919

F-3050 <-- Guseynov E.S. Research Institute of Forestry, Baku, Azerbaijan. Received as: *Ceratocystis roboris*. Synonym: *Ceratocystis roboris* (Georgescu et Teodoru 1948) Potlajczuk 1985. Ex: wood. Azerbaijan. Risk group: no. (Medium [14](#), 25°C, D-4, F-1, S-5).

Ophiostoma piceae (Muench 1907) Sydow et P. Sydow 1919

F-3181 <-- Kryukova E.A. All-Russian Scientific Research Institute of agroforestry amelioration, Volgograd, Russia. Received as: *Ceratocystis kubanica*. Synonym *Ceratocystis kubanica* (Shcherbin-Parfenenko 1953) Potlajczuk 1985. Ex: *Quercus robur*. Volgograd Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-13, F-1, S-5). ([6379](#), [6399](#))

Ovadendron sulphureo-ochraceum (J.F.H. Beyma 1933) Sigler et J.W. Carmichael 1976

F-215 Òype <-- INMI, VKM F-215 <- CBS, CBS 233.32. Received as: *Oospora sulphureo-ochracea*. Synonym: *Oospora sulphureo-ochracea* van Beyma 1933 Type strain. (CBS 233.32; MUCL 9843; NCMH 358; UAMH 181). Ex: man, tuberculosis, phlegm. Apeldoorn. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Paecilomyces carneus (Duche et R. Heim 1931) A.H.S. Brown et G. Smith 1957

F-4010 <-- Aleksandrova A.V. DMA MSU, 4. Received as: *Paecilomyces carneus*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([5436](#))

Paecilomyces carneus (Duche et R. Heim 1931) A.H.S. Brown et G. Smith 1957

F-4359 <-- Aleksandrova A.V. DMA MSU, TSL 6. Received as: *Paecilomyces carneus*. Ex: litter, bottom layer. Tver Region, Staritsy District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Paecilomyces inflatus (Burnside 1927) J.W. Carmichael 1962

F-4000 <-- Aleksandrova A.V. DMA MSU, 15. Received as: *Paecilomyces inflatus*. Ex: *Clethrionomys glareolus*, fur on litter. Bilberry pine forest, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Paecilomyces inflatus (Burnside 1927) J.W. Carmichael 1962

F-4003 <-- Aleksandrova A.V. DMA MSU, 13. Received as: *Paecilomyces inflatus*. Ex: *Sorex caecutiens*, fur on litter. Complexed fir-grove, Zabrovo line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Paecilomyces inflatus (Burnside 1927) J.W. Carmichael 1962

F-4004 <-- Aleksandrova A.V. DMA MSU, 14. Received as: *Paecilomyces inflatus*. Ex: *Sorex minutus*, fur on litter. Alder-birch forest with spruce underwood,

Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia.
Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Paecilomyces marquandii (Massee 1898) S. Hughes 1951

F-464 <-- INMI, VKM F-464 <- Konakotina A.G., Kamyshchko O.P. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia. Received as: *Spicaria violacea*. Synonym: *Spicaria violacea* Abbott 1926. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Paecilomyces marquandii (Massee 1898) S. Hughes 1951

F-1028 <-- INMI, VKM F-1028 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20522-2253. Received as: *Spicaria violacea*. Synonym *Spicaria violacea* Abbott 1926. Ex: soil. Khmelnytsky Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Paecilomyces marquandii (Massee 1898) S. Hughes 1951

F-3554 <-- Egorova A.V., Velikanov L.L. DMA MSU, 94. Received as: *Paecilomyces marquandii*. Ex: soddy-medium podzolic sandy soil on river alluvium. Floodplain meadow, potato field, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, S-5)

Paecilomyces marquandii (Massee 1898) S. Hughes 1951

F-3812 <-- Aleksandrova A.V. DMA MSU. Received as: *Paecilomyces marquandii*. Ex: soddy-podzolic soil, A1 horizon. Alder forest with spruce underwood, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Paecilomyces variotii Bainier 1907

F-220 <-- INMI, VKM F-220 <- Afrikyan E.G. Institute of Microbiology Scientific and Production Center Armibiotechnology, Erevan, Armenia <- LCP, LCP 621. Received as: *Paecilomyces variotii*. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([5998](#))

Paecilomyces variotii Bainier 1907

F-222 <-- INMI, VKM F-222 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 374. Received as: *Paecilomyces variotii*. Ex: biscuit. Kharkov. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Paecilomyces variotii Bainier 1907

F-378 <-- INMI, VKM F-378 <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 1982. Received as: *Penicillium variotii*. Synonym *Penicillium variotii* (Bainier 1907) Saccardo 1913. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8686](#), [2112](#), [2178](#), [3364](#), [4238](#), [4314](#), [4925](#), [5808](#), [6645](#), [7571](#), [7775](#))

***Paecilomyces variotii* Bainier 1907**

F-1296 <-- INMI, VKM F-1296 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3332. Received as: *Penicillium digitatum*. Ex: maize rhizosphere, *Zea mays*. Donetsk Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([5134](#), [5604](#))

***Paecilomyces variotii* Bainier 1907**

F-1487 <-- INMI, VKM F-1487 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 212. Received as: *Penicillium arenarium*. Synonym *Penicillium arenarium* Shaposhnikov et Manteifel 1923. Ex: wheat starch. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([1790](#), [4117](#))

***Paecilomyces variotii* Bainier 1907**

F-2106 <-- INMI, VKM F-2106 <- TUB. Received as: *Paecilomyces variotii*. (ATCC 16023; IMI 108.007; QM 9983). Ex: synthetic rubber. England, Surrey, New Malden. UK. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1)

***Paecilomyces variotii* Bainier 1907**

F-2413 <-- IBPM, IBPM F-249 <- DMA MSU. Received as: *Spicaria divaricata*. Synonym *Spicaria divaricata* (Thom 1910) Gilman et Abbott 1957. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

***Paecilomyces variotii* Bainier 1907**

F-2482 <-- Russian scientific Research institute Electronstandart, Saint Petersburg, Russia, 26-I. Received as: *Paecilomyces variotii*. Ex: felt. USSR. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

***Paecilomyces variotii* Bainier 1907**

F-2581 <-- IBPM, IBPM F-194 <- VIZR. Received as: *Paecilomyces variotii*. Ex: soil. Turkmenistan. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

***Paecilomyces variotii* Bainier 1907**

F-3814 <-- Aleksandrova A.V. DMA MSU. Received as: *Paecilomyces variotii*. Ex: soddy-podzolic soil, A1 horizon. Aspen-alder forest with spruce underwood, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

***Paecilomyces variotii* Bainier 1907**

F-3895 <-- Deshevaya E.A. Institute for Bio-Medical Problems of Russian Academy of Science, Moscow, Russia, 1. Ex: bread Darnitsky. Moscow Bakery and Confectionery Factory Kolomenskoye. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5)

***Paecilomyces variotii* Bainier 1907**

F-3948 <-- Sazykina M.A. Azov Scientific Research Institute of the Fishing Industry, Rostov-na-Donu, Russia, 19. Received as: *Paecilomyces variotii*. Ex: *Acipenser gueldenstaedti*, gills. Semykarakorsky sturgeon-breeding factory. Rostov Region, Chebachi. Russia. Risk group: 4. (Medium [11](#),

25°C, C-8, F-1, S-5)

Paecilomyces zollerniae Stolk et Samson 1971

F-3813 <-- Aleksandrova A.V. DMA MSU. Received as: *Paecilomyces zollerniae*.
Ex: peat-dung compost. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Panus conchatus (Bulliard 1787) Fries 1838

F-3525 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0534. Received as: *Lentinus torulosus* (Persoon 1801) Lloyd 1913. Synonym: *Lentinus conchatus* (Bulliard 1787) J. Schroeter 1889, *Lentinus torulosus* (Persoon 1801) Lloyd 1913, *Panus torulosus* (Persoon 1801) Fries 1838. (LEBIN 0534). Ex: fruitbody on *Populus tremula*. Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5). ([4225](#))

Papulaspora biformospora Kirilenko 1971

F-1635 Type <-- INMI, VKM F-1635 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 55642. Received as: *Papulaspora biformospora*. (CBS 119484). Ex: soil. Hornbeam planting. Kiev Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5). ([7396](#))

Paraconiothyrium fuckelii (Saccardo 1878) Verkley et Gruyter 2012

F-2913 <-- Makhortov V.V. Botanical Garden of the Academy of Sciences of Moldova, Kishinev, Moldova, G-2. Received as: *Coniothyrium fuckelii*. Synonym: *Coniothyrium fuckelii* Saccardo 1878. Ex: *Rosa sp.*, affected shoot. State Farm Krasnaya Gvozdika. Glodeni District, Danu. Republic of Moldova. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([966](#))

Paraconiothyrium sporulosum (W. Gams et Domsch 1969) Verkley 2004

F-2658 <-- CBS, CBS 352.69. Received as: *Coniothyrium fuckelii*. Other name: *Coniothyrium fuckelii* Saccardo 1878. (CBS 352.69). Ex: *Rubus idaeus*, dead shoot. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Paraconiothyrium sporulosum (W. Gams et Domsch 1969) Verkley 2004

F-2660 <-- CBS, CBS 132.26. Received as: *Coniothyrium fuckelii*. Other name: *Coniothyrium fuckelii* Saccardo 1878. (ATCC 11349; CBS 132.26). Ex: *Rubus plicatus*, dead shoot. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Paradendryphiella salina (G.K. Sutherland 1916) Woudenberg et Crous 2013

F-3930 <-- Kireev Ya.V. DMA MSU, 06.1.4. Received as: *Bipolaris australiensis*. Ex: *Mytilus sp.*, conch. Top littoral, White Sea, Kindo Peninsula. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Paradendryphiella salina (G.K. Sutherland 1916) Woudenberg et Crous 2013

F-4556 <-- Bubnova E.N. DMA MSU, B.h.10. Received as: *Paradendryphiella salina*. Ex: *Ascophyllum nodosum* ecad. *Muscoides*, thallus. White Sea, Kandalaksha Gulf. Russia. DNA sequences: KC986958. Risk group: no.

(Medium [13](#), 25°C, C-8, F-1, S-5)

Paradendryphiella salina (G.K. Sutherland 1916) Woudenberg et Crous 2013

F-4557 <-- Bubnova E.N. DMA MSU, 03.3.26. Received as: *Paradendryphiella salina*. Ex: ground, dirty sand. Lower littoral, White Sea, Kandalaksha Gulf. Russia. DNA sequences: KC986955. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Paradendryphiella salina (G.K. Sutherland 1916) Woudenberg et Crous 2013

F-4558 <-- Bubnova E.N. DMA MSU, 06.10.88. Received as: *Paradendryphiella salina*. Ex: bottom ground, sandy aleuolite with a depth of 77.5 m. White Sea, Kandalaksha Gulf. Russia. DNA sequences: KC986954. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Paramyrothecium roridum (Tode 1790) L. Lombard et Crous 2016

F-882 <-- INMI, VKM F-882 <- VIZR, 665. Received as: *Myrothecium roridum*. Synonym: *Myrothecium roridum* Tode 1790. Ex: *Lycopersicon esculentum*. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Paramyrothecium roridum (Tode 1790) L. Lombard et Crous 2016

F-3564 <-- Egorova A.V. DMA MSU, 99. Received as: *Myrothecium roridum*. Synonym *Myrothecium roridum* Tode 1790. Ex: soddy-medium podzolic soil. Floodplain meadow, potato field, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([6379](#), [8256](#))

Paramyrothecium roridum (Tode 1790) L. Lombard et Crous 2016

F-3565 <-- Egorova A.V. DMA MSU, 39. Received as: *Myrothecium roridum*. Synonym *Myrothecium roridum* Tode 1790. Ex: thermal landscape soil. Weet thermal landscape, Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([6379](#), [6766](#), [8256](#))

Paraphaeosphaeria neglecta Verkley et al. 2014

F-2659 <-- CBS, CBS 180.61. Received as: *Coniothyrium fuckelii*. (CBS 180.61). Ex: soil. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-8, S-5).

Paraphoma fimeti (Brunaud 1889) Gruyter et al. 2010

F-4743 <-- VKM IBPM, VKM FW-3237. Received as: *Paraphoma fimeti*. Ex: soil from tracked vehicle road rut, Oasis Scientific Station, soil pit LA56-Bn-03, depth 0–0,05 m. Bunger Oasis, Wilkes Land, Antarctica. DNA sequences: MF494612. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Paraphoma fimeti (Brunaud 1889) Gruyter et al. 2010

F-4753 <-- VKM IBPM, VKM FW-3265. Received as: *Paraphoma fimeti*. Ex: soil from tracked vehicle road rut that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (road), depth 0–0,05 m. Landing nunatak, MacRobertson Land, Antarctica. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Parasitella parasitica (Bainier 1884) Sydow 1903

F-1088 <-- INMI, VKM F-1088 <- CBS, CBS 207.28. Received as: *Parasitella simplex*. Synonym: *Mucor parasiticus* Bainier 1884, *Parasitella simplex* Bainier 1903. MT+. (CBS 207.28; IMI 41057). USA. Risk group: no. (Medium [11](#), 25°C, C-1, C-8, F-1, S-4, S-5). ([1313](#), [1365](#), [2550](#))

Parasitella parasitica (Bainier 1884) Sydow 1903

F-1089 <-- INMI, VKM F-1089 <- CBS, CBS 208.28. Received as: *Parasitella simplex*. Synonym *Mucor parasiticus* Bainier 1884, *Parasitella simplex* Bainier 1903. MT-. (CBS 208.28; IMI 41058). USA. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([1313](#), [1365](#), [2550](#))

Penicillium adametzii K.W. Zaleski 1927

F-224 <-- INMI, VKM F-224 <- Pushkinskaya O.I. INMI, 8-41. Received as: *Penicillium adametzii*. Ex: alkali soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2069](#), [6766](#), [8258](#))

Penicillium adametzii K.W. Zaleski 1927

F-225 <-- INMI, VKM F-225 <- Pushkinskaya O.I. INMI, 13-52. Received as: *Penicillium adametzii*. Ex: alkali soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8257](#), [8258](#))

Penicillium adametzii K.W. Zaleski 1927

F-3136 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine <- Kirilenko T.S., 1610. Received as: *Penicillium adametzii*. Ex: cotton plant rhizosphere, *Gossypium* sp. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium albicans Bainier 1907

F-442 <-- INMI, VKM F-442 <- National Research Center of Antibiotics, Moscow, Russia, RIA 177B <- CBS, CBS 342.54. Received as: *Penicillium albicans*. (CBS 342.52; CBS 342.54; DSM 2206; FRR 0401; FRR 0839; IFO 6771; IMI 063215; LSHB BB288; NBRC 6771; NI 6309; NRRL A-17206). Ex: *Abies lasiocarpa*. Canada. Risk group: 4. (Medium [12](#), 25°C, D-4)

Penicillium albidum Sopp 1912

F-3923 <-- Aleksandrova A.V. DMA MSU, Lu12. Ex: podzolic soil, A1 horizon. Complexed fir-grove. Tver Region, Staritsy District. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium alicantinum C. Ramirez et A.T. Martinez 1980

F-2193 Òype <-- Ramirez C. IJFM, IJFM 7026. Received as: *Penicillium alicantinum*. (ATCC 42236; CBS 164.81; IJFM 7026; IMI 253797). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([568](#), [4699](#))

Penicillium anatolicum Stolck 1968

F-1713 <-- INMI, VKM F-1713 <- Mishustin E.N. INMI. Received as: *Eupenicillium anatolicum*. Synonym: *Eupenicillium anatolicum* Stolck 1968. Ex: soil. Africa. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Penicillium aragonense C. Ramirez et A.T. Martinez 1981

F-2186 Òype <-- Ramirez C. IJFM, IJFM 5072. Received as: *Penicillium aragonense*. (ATCC 42228; CBS 171.81; IJFM 5072). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([87](#), [569](#))

Penicillium arenicola Chalabuda 1950

F-1035 Isotype <-- INMI, VKM F-1035 <- Chalabuda T.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium arenicola*. (ATCC 18321; ATCC 18330; CBS 220.66; CGMCC 3.4471; DSM 2435; FRR 3392; IAM 13823; IMI 117658; JCM 9929; KCTC 6388; NRRL 3392; Pitt 1035). Ex: soil. Coniferous forest. Kiev. Ukraine. DNA sequences: GU092964, GU092935, GU092801, GU092771, GU092739, AB069711. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [20](#), [891](#), [4698](#), [7354](#), [7468](#))

Penicillium atramentosum Thom 1910

F-3493 <-- Soloviova T.F. IBPM <- Frisvad J.C. IBT, Lyngby, Denmark, IBT F-3421. Received as: *Penicillium atramentosum*. (IBT F-3421). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium aurantioflammiferum C. Ramirez et al. 1980

F-2192 Òype <-- Ramirez C. IJFM, IJFM 7072. Received as: *Penicillium aurantioflammiferum*. (ATCC 42240; CBS 165.81; IJFM 7072; IMI 253796). Ex: spices used in sausages. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([565](#))

Penicillium aurantiogriseum Dierckx 1901

F-229 <-- INMI, VKM F-229 <- National Research Center of Antibiotics, Moscow, Russia, RIA 58. Received as: *Penicillium aurantiovirens*. Synonym: *Penicillium aurantiovirens* Biourge 1923, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: soil, mountain meadow chernozem. Ay-Petri Mountain. Republic of Crimea. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1572](#), [2756](#), [2920](#), [3059](#), [3061](#), [3082](#), [3083](#), [3885](#), [3903](#), [3970](#), [3978](#), [4158](#), [5436](#), [6649](#), [8257](#))

Penicillium aurantiogriseum Dierckx 1901

F-230 Isotype <-- INMI, VKM F-230 <- CMI, IMI 34846i. Received as: *Penicillium aurantiovirens*. Synonym *Penicillium aurantiovirens* Biourge 1923 Type strain. (ATCC 10413T; Biourge 77T; C.Thom 4733.9T; CBS 294.48T; CBS 742.74T; FRR 2138T; IBT 21506T; IBT 3544T; IFO 8139T; IMI 034846T; IMI 034846iiT; LSHB 152T; LSHB P-152T; LSHB P-4T; LSHB P.152T; LSHB P.4T; LSHB P.P.152T; MUCL 28660T; MUCL 29161T; NBRC 8139T; NRRL 2010T; NRRL 2138T; NRRL 881T; QM 6873T; QM 7487T; Smith P.152T; Smith P.152T; Thom 4733.9T). Belgium. DNA sequences: AY373935; AB176608. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([891](#), [1140](#), [3060](#), [3082](#), [3083](#), [4651](#), [4652](#), [4823](#))

Penicillium aurantiogriseum Dierckx 1901

F-261 <-- INMI, VKM F-261 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 194. Received as: *Penicillium corylophilum*

Dierckx 1901. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: container. Confectionery factory. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1183](#), [1441](#), [1790](#), [2275](#), [3063](#), [3082](#), [3083](#), [6550](#), [7433](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-265 <-- INMI, VKM F-265 <- CMI, IMI 089372. Received as: *Penicillium cyclopium*. Synonym *Penicillium cyclopium* Westling 1911 Type strain, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976 Type strain. (ATCC 8731; ATHUM 2888; CBS 114.74; CBS 144.45; CECT 2264; DSM 1250; FRR 1888; IMI 089372; KCTC 6256; LSHB P-123; LSHB P.123; MUCL 15613; MUM 9209; MUM 9740; NRRL 188; NRRL 1888; QM 683; QM 6839). DNA sequences: JN097811. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [8686](#), [1812](#), [2079](#), [3082](#), [4314](#), [4659](#), [4660](#), [4662](#), [4663](#), [4814](#), [5808](#), [5998](#), [6408](#), [6603](#), [6645](#), [7368](#), [7571](#), [7775](#), [7897](#), [8041](#), [8130](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-267 <-- INMI, VKM F-267 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 372. Received as: *Penicillium cyclopium*. Synonym *Penicillium cyclopium* Westling 1911, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: Citrus limon. Italy. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1183](#), [1441](#), [1790](#), [2763](#), [3063](#), [3082](#), [3083](#), [4019](#), [6550](#), [7433](#), [7952](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-277 <-- INMI, VKM F-277 <- Pushkinskaya O.I. INMI, 10-4. Received as: *Penicillium expansum*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: soil. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2074](#), [2763](#), [3082](#), [3083](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-310 <-- INMI, VKM F-310 <- CMI, IMI 40211. Received as: *Penicillium martensii*. Synonym *Penicillium martensii* Biourge 1923, *Penicillium cyclopium* Westling 1911, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. (ATCC 10467; CBS 111.43; FRR 2027; IFO 8142; IMI 40211; MUCL 15618; NBRC 8142; NRRL 2027). Germany. DNA sequences: JN985096. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([957](#), [3060](#), [3082](#), [3083](#), [4314](#), [6645](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-328 <-- INMI, VKM F-328 <- CMI, IMI 034913. Received as: *Penicillium puberulum*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976, *Penicillium puberulum* Bainier 1907 Neotype strain. (Ad 31; ATCC 8508; ATCC 8732; ATCC 10483; BCRC 31519; Biourge 52; Biourge 59; CBS 123.14; CCRC 31519; DSM 2264; FRR 2040; IFO 7733; IMI 034913; IMI 034913ii; KCTC 6252; KCTC 6448; LSHB Ad.113; LSHTM 146; MUCL 29231; MUCL 31198; NBRC 7733;

NRRL 845; NRRL 1889; NRRL 2040; QM 1556; Thom 4876.20; VKM F-330). Ex: Zea mays, rotting grains. Nebraska, Lincoln. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3082](#), [4660](#), [4678](#), [4679](#), [4680](#))

Penicillium aurantiogriseum Dierckx 1901

F-329 <-- INMI, VKM F-329 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 332. Received as: *Penicillium puberulum*. Ex: barrel containing fruit pastry. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2015](#), [2957](#), [3082](#), [3885](#), [3978](#), [6649](#), [7952](#), [8002](#))

Penicillium aurantiogriseum Dierckx 1901

F-331 <-- INMI, VKM F-331 <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 238. Received as: *Penicillium puberulum*. Ex: *Trifolium sp.*, seeds. Krasnodar. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3082](#))

Penicillium aurantiogriseum Dierckx 1901

F-443 <-- INMI, VKM F-443 <- National Research Center of Antibiotics, Moscow, Russia, RIA 176B <- CBS, CBS 292.48 <- NRRL 884 = NRRL 1959. Received as: *Penicillium aurantiocandidum*. Synonym *Penicillium aurantiocandidum* Dierckx 1901 Neotype, *Penicillium cyclopium* Westling 1911, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. (ATCC 10411; Biourge 11; CBS 292.48; CECT 20274; FRR 884; IFO 7720; IMI 39814; LSHB P.3; MUCL 29164; MUCL 28659; NBRC 7720; NRRL 884; NRRL 1959; QM 1917; Biourge 11; Thom 4733.6). Belgium. DNA sequences: JN985103. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([891](#), [3082](#))

Penicillium aurantiogriseum Dierckx 1901

F-686 <-- INMI, VKM F-686 <- Pushkinskaya. O.I. INMI, 35. Received as: *Penicillium lanosocoeruleum*. Synonym *Penicillium lanosocoeruleum* Thom 1930. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2069](#), [3082](#))

Penicillium aurantiogriseum Dierckx 1901

F-733 <-- INMI, VKM F-733 <- Mirchink T.G. DSB MSU, h2. Received as: *Penicillium granulatum*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Other name: *Penicillium granulatum* Bainier 1905. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium aurantiogriseum Dierckx 1901

F-1298 <-- INMI, VKM F-1298 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2076. Received as: *Penicillium cyclopium*. Synonym *Penicillium cyclopium* Westling 1911, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: Zea mays, root. Khmelnytsky Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3082](#), [3885](#), [3901](#), [6811](#))

Penicillium aurantiogriseum Dierckx 1901

F-1957 <-- INMI, VKM F-1957 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 7. Received as: *Penicillium roquefortii*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: aviation fuel TS-1 with anti-crystallization additives THF-01%. Adjara, Batumi. Georgia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium aurantiogriseum* Dierckx 1901**

F-1958 <-- INMI, VKM F-1958 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 8. Received as: *Penicillium roquefortii*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: aviation fuel RT with anti-crystallization additives IM-0.2%. Adjara, Batumi. Georgia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium aurantiogriseum* Dierckx 1901**

F-1985 <-- INMI, VKM F-1985 <- Mirchink T.G. DSB MSU, 137. Received as: *Penicillium cyclopium*. Synonym *Penicillium cyclopium* Westling 1911, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: regosolic soil. Eastern Pamirs, 3500-4000 m. Chechekty. Tajikistan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3082](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-2372 <-- IBPM, IBPM F-169 <- DMA MSU. Received as: *Penicillium lanosocoeruleum*. Synonym *Penicillium lanosocoeruleum* Thom 1930. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium aurantiogriseum* Dierckx 1901**

F-2373 <-- IBPM, IBPM F-162-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 56. Received as: *Penicillium martensii*. Synonym *Penicillium martensii* Biourge 1923, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: oil painting. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3082](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-2491 <-- Abyzov S.S. INMI, 231f. Received as: *Penicillium verrucosum* var. *cyclopium*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: glacier thickness. Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3082](#))

***Penicillium aurantiogriseum* Dierckx 1901**

F-2493 <-- Abyzov S.S. INMI, 225f. Received as: *Penicillium verrucosum* var. *cyclopium*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: glacier thickness. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium aurantiogriseum* Dierckx 1901**

F-2543 <-- Abyzov S.S. INMI, 25-35 k. Received as: *Penicillium verrucosum* var. *cyclopium*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: glacier thickness, depth 11 m, age 160 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, F-1). ([604](#), [3082](#))

Penicillium aurantiogriseum Dierckx 1901

F-2579 <-- IBPM, IBPM F-162 <- DMA MSU. Received as: *Penicillium martensii*. Synonym *Penicillium martensii* Biourge 1923, *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3082](#))

Penicillium aurantiogriseum Dierckx 1901

F-2725 <-- Rudakov O.L. INMI, VKM MF-115. Received as: *Penicillium puberulum*. Synonym *Penicillium verrucosum* Dierckx 1901 var. *cyclopium* (Westling 1911) Samson et al. 1976. Ex: fungus, Fomes **sp.** Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1, S-5)

Penicillium aurantiogriseum Dierckx 1901

F-3089 <-- CMI, IMI 39818ii. Received as: *Penicillium lanosocoeruleum*. Synonym *Penicillium lanosocoeruleum* Thom 1930 Type strain. (ATCC 10459; CBS 334. 215.30; FRR 888; IFO 7761; IMI 39818ii; NRRL 888; QM 6755; Thom 2543a). Ex: laboratory contaminant. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#))

Penicillium aurantiogriseum Dierckx 1901

F-4408 <-- VKM IBPM, VKM FW-766. Received as: *Penicillium aurantiogriseum*. Ex: permafrost, hole 3/92, depth 48,80 m, age 3000 thousand years. Kolyma Lowland, valley of Malaya Konkovaya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [4583](#))

Penicillium aurantiogriseum Dierckx 1901 var. *viridicatum* (Westling 1911) Frisvad et Filtenborg 1990

F-383 <-- INMI, VKM F-383 <- CMI, IMI 49162. Received as: *Penicillium viridicatum*. Synonym *Penicillium viridicatum* Westling 1911. (CBS 569.78; IMI 049162). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3904](#))

Penicillium aurantiogriseum Dierckx 1901 var. *viridicatum* (Westling 1911) Frisvad et Filtenborg 1990

F-384 <-- INMI, VKM F-384 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 180. Received as: *Penicillium viridicatum*. Synonym *Penicillium viridicatum* Westling 1911. Ex: apple treated with sulphur dioxide gas. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium aurantiogriseum Dierckx 1901 var. *viridicatum* (Westling 1911) Frisvad et Filtenborg 1990

F-2381 <-- IBPM, IBPM F-151 <- DMA MSU. Received as: *Penicillium olivinoviride*. Synonym *Penicillium olivinoviride* Biourge 1923, *Penicillium*

viridicatum Westling 1911. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8266](#))

Penicillium aurantiogriseum Dierckx 1901 var. *viridicatum* (Westling 1911) Frisvad et Filtenborg 1990

F-2398 <-- IBPM, IBPM F-191 <- DMA MSU. Received as: *Penicillium viridicatum*. Synonym *Penicillium viridicatum* Westling 1911. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([3904](#))

Penicillium aurantiogriseum Dierckx 1901 var. *viridicatum* (Westling 1911) Frisvad et Filtenborg 1990

F-3096 <-- CMI, IMI 40223. Received as: *Penicillium olivinoviride*. Synonym *Penicillium olivinoviride* Biourge 1923 Type strain, *Penicillium viridicatum* Westling 1911. (ATCC 10475; CBS 264.29; IFO 8178; IMI 40223; LSHB P.46; NRRL 959; NRRL 2028; QM 7605; Biourge 22; Dale 29; Thom 4733.93). Ex: soil. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3904](#), [4678](#))

Penicillium aurantiogriseum Dierckx 1901 var. *viridicatum* (Westling 1911) Frisvad et Filtenborg 1990

F-3142 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 58737. Received as: *Penicillium viridicatum*. Synonym *Penicillium viridicatum* Westling 1911. Ex: forest soil. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium bilaiae Chalabuda 1950

F-854 Type <-- INMI, VKM F-854 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20018. Received as: *Penicillium bilaiae*. (ATCC 22348; ATCC 48731; BCRC 31675; CBS 221.66; CCRC 31675; FRR 3391; IJFM 5025; IAM 13679; IJFM 5025; IMI 113677; JCM 22748; MUCL 31187; NRRL 3391). Ex: soil. Kiev. Ukraine. DNA sequences: AF033402. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [20](#), [2074](#), [2763](#))

Penicillium brevicompactum Dierckx 1901

F-234 <-- INMI, VKM F-234 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 534. Received as: *Penicillium brevicompactum*. Ex: *Trifolium* sp. Kamenetz-Podolsky. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([1812](#), [2069](#), [2079](#), [2153](#), [3904](#), [6313](#), [6318](#), [6645](#))

Penicillium brevicompactum Dierckx 1901

F-457 <-- INMI, VKM F-457 <- National Research Center of Antibiotics, Moscow, Russia, RIA 178 <- CBS, CBS 256.31 <- NRRL 859. Received as: *Penicillium stoloniferum*. Synonym *Penicillium stoloniferum* Thom 1910 Type strain. (ATCC 10111; BCRC 33336; Biourge 135; Biourge 373; CBS 256.31; CBS 376.48; CCRC 33336; CECT 2316; DAOM 193713; DSM 2215; FRR 0859; IAM 13810; IFO 5858; IMI 39824; LSHB Ad.89; MUCL

29153; NBRC 5858; NRRL 859; QM 7653; Biourge 135; Biourge 373; Thom 27; Thom 185-27). Ex: decaying fungus, *Agaricus sp.* Connecticut, Mansfield, Storrs. USA. DNA sequences: EU587350, EU587345, EU587323, EU587318, DQ645800, AY484922, AY484879, AY484811. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3904](#), [4689](#), [4690](#), [4691](#), [4692](#), [4693](#), [4694](#), [4695](#))

Penicillium brevicompactum Dierckx 1901

F-477 <-- INMI, VKM F-477 <- Mirchink T.G. DSB MSU, 1000. Received as: *Penicillium brevicompactum*. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

Penicillium brevicompactum Dierckx 1901

F-756 <-- INMI, VKM F-756 <- Mirchink T.G. DSB MSU, 18. Received as: *Penicillium brevicompactum*. Ex: soddy-podzolic soil. Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

Penicillium brevicompactum Dierckx 1901

F-1127 <-- INMI, VKM F-1127 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 745. Received as: *Penicillium sp.* Synonym *Penicillium volgaense* Belyakova et Milko 1972 Type strain. (CBS 626.72; IMI 167384). Ex: soil. Ivanovo Region, Plyos. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [73](#), [5378](#), [5604](#))

Penicillium brevicompactum Dierckx 1901

F-1150 <-- INMI, VKM F-1150 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 268 <- CBS, CBS 175.27. Received as: *Penicillium brevicompactum*. (CBS 175.27). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

Penicillium brevicompactum Dierckx 1901

F-2352 <-- IBPM, IBPM F-172 <- DMA MSU. Received as: *Penicillium brevicompactum*. Risk group: 4. (Medium [12](#), 25°C, F-1). ([3904](#))

Penicillium brevicompactum Dierckx 1901

F-2395 <-- IBPM, IBPM F-167 <- DMA MSU. Received as: *Penicillium stoloniferum*. Synonym *Penicillium stoloniferum* Thom 1910. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

Penicillium brevicompactum Dierckx 1901

F-2707 <-- Rudakov O.L. INMI, VKM MF-79. Received as: *Penicillium stoloniferum*. Synonym *Penicillium stoloniferum* Thom 1910. Ex: fungus, *Cochliobolus sativus*. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1, S-5)

Penicillium brevicompactum Dierckx 1901

F-3074 <-- Orazova M.H. DSB MSU. Received as: *Penicillium brevicompactum*. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

***Penicillium brevicompactum* Dierckx 1901**

F-3231 <-- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 69 Mo. Received as: *Penicillium stoloniferum*. Synonym *Penicillium stoloniferum* Thom 1910. Ex: soil. Mongolia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

***Penicillium brevicompactum* Dierckx 1901**

F-4403 <-- VKM IBPM, VKM FW-725. Received as: *Penicillium brevicompactum*. Ex: permafrost, hole 17/91, depth 10,20 m, age 20-30 thousand years. Kolyma Lowland, Halerchinsky tundra, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [4583](#))

***Penicillium brevicompactum* Dierckx 1901**

F-4409 <-- VKM IBPM, VKM FW-791. Received as: *Penicillium brevicompactum*. Ex: permafrost, hole 406/95, C1 horizon, depth 0-0,03-0,05 m, Holocene age. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [4583](#))

***Penicillium brevicompactum* Dierckx 1901**

F-4480 <-- VKM IBPM, VKM FW-3058. Received as: *Penicillium brevicompactum*. Ex: boiled-smoked sausage Savelat, casing. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#), [5288](#), [6891](#), [7008](#), [7569](#))

***Penicillium brevicompactum* Dierckx 1901**

F-4481 <-- VKM IBPM, VKM FW-3059. Received as: *Penicillium brevicompactum*. Ex: boiled-smoked sausage Savelat, casing. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4542](#), [5122](#), [6347](#), [7007](#), [7622](#), [7741](#), [7942](#))

***Penicillium brevicompactum* Dierckx 1901**

F-4502 <-- VKM IBPM, VKM FW-3091. Received as: *Penicillium brevicompactum*. Ex: air. Production floor, cheese-making plant. Moscow Region, Lenin District, State Farm named after Lenin. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

***Penicillium brunneum* Udagawa 1959**

F-2086 <-- INMI, VKM F-2086 <- Kocur M. CCM, CCM F-222. Received as: *Penicillium brunneum*. Synonym: *Penicillium brunneum* Udagawa 1959. (CCM F-222). Ex: rice plum-cake. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium camemberti* Thom 1906**

F-232 <-- INMI, VKM F-232 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 499. Received as: *Penicillium bifforme*. Synonym: *Penicillium bifforme* Thom 1910. Ex: *Hordeum vulgare*. Kamenetz-Podolsky. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1790](#), [3082](#))

***Penicillium camemberti* Thom 1906**

F-236 <-- INMI, VKM F-236 <- Pushkinskaya O.I. INMI, 41. Received as:

Penicillium camemberti. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium camemberti Thom 1906

F-237 <-- INMI, VKM F-237 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 289. Received as: *Penicillium camemberti*. Risk group: 4. (Medium [12](#), 25°C, F-1, S-4)

Penicillium camemberti Thom 1906

F-238 <-- INMI, VKM F-238 <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 669 <- Laboratory of Industrial Inoculants VNIIMS, Uglich. Received as: *Penicillium camemberti*. Uglich. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([1095](#))

Penicillium camemberti Thom 1906

F-1743 <-- INMI, VKM F-1743 <- IBPM <- DMA MSU. Received as: *Penicillium paecilomyceforme*. Synonym *Penicillium paecilomyceforme* von Szilvinyi 1941. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium camemberti Thom 1906

F-2087 <-- INMI, VKM F-2087 <- Kocur M. CCM, CCM F-379. Received as: *Penicillium caseicola*. Synonym *Penicillium caseicola* Bainier 1907. (CCM F-379; NRRL 874). Risk group: 4. (Medium [12](#), 25°C, C-8, F-1)

Penicillium camemberti Thom 1906

F-2353 <-- IBPM, IBPM F-159 <- VIZR, 602. Received as: *Penicillium camemberti*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Penicillium camemberti Thom 1906

F-2362 <-- IBPM, IBPM F-168-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia 77. Received as: *Penicillium cyclopium*. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium camemberti Thom 1906

F-2531 <-- ATCC, ATCC 6986 <- Johnson W.F., (*P.camemberti*, White variety). Received as: *Penicillium caseicola*. Synonym *Penicillium caseicola* Bainier 1907. (ATCC 6986). Ex: camembert cheese. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5604](#))

Penicillium camemberti Thom 1906

F-2670 <-- Rudakov O.L. INMI, VKM MF-13. Received as: *Penicillium caseicola*. Synonym *Penicillium caseicola* Bainier 1907. Ex: fungus, *Gomphidius viscidus*. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium canescens Sopp 1912

F-240 <-- INMI, VKM F-240 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 274. Received as: *Penicillium canescens*. Ex:

decaying carrot. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, F-1, S-5). ([3046](#), [4838](#), [6318](#))

***Penicillium canescens* Sopp 1912**

F-1076 <-- INMI, VKM F-1076 <- Baghdadi V.H. DMA MSU, 3+14. Received as: *Penicillium yarmokense*. Synonym *Penicillium yarmokense* Baghdadi 1968 Type strain. (CBS 410.69; FRR 520; IMI 140346). Ex: soil. Mountans. As-Suwayda. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([8861](#), [147](#), [3046](#), [3065](#))

***Penicillium canescens* Sopp 1912**

F-1148 Neotype <-- INMI, VKM F-1148 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 265 <- CBS, CBS 300.48. Received as: *Penicillium canescens*. (ATCC 10419; CBS 300.48; DSM 1215; FRR 910; IMI 28260; MUCL 29169; NCTC 6607; NRRL 910; QM 7550; Thom 2654). Ex: soil. England. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [891](#), [3046](#), [4672](#), [4838](#))

***Penicillium canescens* Sopp 1912**

F-1287 <-- INMI, VKM F-1287 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4082. Received as: *Penicillium canescens*. Ex: soil. Maize field, interrow. Volyn Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3046](#), [4838](#))

***Penicillium canescens* Sopp 1912**

F-3108 <-- Polyanskaya L.M. DSB MSU, 2-2a-50. Received as: *Penicillium canescens*. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3046](#), [3885](#), [4838](#))

***Penicillium canescens* Sopp 1912**

F-3143 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 50353. Received as: *Penicillium raciborskii*. Synonym *Penicillium raciborskii* K.M.Zalesky 1927. Ex: forest soil. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

***Penicillium canescens* Sopp 1912**

F-3884 <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-417 <- AMT-85 (12-20M). Received as: *Penicillium canescens*. (VKPM F-417). Risk group: 4. (Medium [12](#), 28°C, F-1)

***Penicillium canescens* Sopp 1912**

F-3885 <-- State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-589 <- 16073. Received as: *Penicillium canescens*. (VKPM F-589). Risk group: 4. (Medium [12](#), 27°C, F-1)

***Penicillium canescens* Sopp 1912**

F-3886 <-- State Research Institute of Genetics and Selection of Industrial

Microorganisms, Moscow, Russia, VKPM F-435. Received as: *Penicillium canescens*. (VKPM F-435-i). Risk group: 4. (Medium [12](#), 28°C, F-1)

***Penicillium canescens* Sopp 1912**

F-4438 <-- VKM IBPM, VKM FW-2648. Received as: *Penicillium canescens*. Ex: permafrost, hole 453/98, Ah horizon, depth 0,05-0,09 m, age 8410 years. Kolyma Lowland, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium canescens* Sopp 1912**

F-4441 <-- VKM IBPM, VKM FW-2062. Received as: *Penicillium canescens*. Ex: *Orobanchaceae*, *fillospora*. Chelyabinsk Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium capsulatum* Raper et Fennell 1948**

F-445 Òype <-- INMI, VKM F-445 <- National Research Center of Antibiotics, Moscow, Russia, RIA 179B <- CBS, CBS 301.48 <- NRRL 2056. Received as: *Penicillium capsulatum*. (ATCC 10420; BCRC 32727; CBS 301.48; CCRC 32727; DSM 2210; FRR 2056; IJFM 5120; IMI 40576; MUCL 38792; NRRL 2056; NRRL A-1073; QM 4869). Ex: optical instrument. Panama Canal Zone. Panama. DNA sequences: FJ004567, FJ004510, FJ004450, FJ004390, AF033429. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([8861](#), [891](#), [4672](#), [4686](#))

***Penicillium capsulatum* Raper et Fennell 1948**

F-2130 <-- INMI, VKM F-2130 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 8a. Received as: *Penicillium capsulatum*. Ex: sticky strip. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium castellanense* C. Ramirez et A.T. Martinez 1981**

F-2187 Òype <-- Ramirez C. IJFM, IJFM 5144. Received as: *Penicillium castellanense*. Synonym: *Penicillium madriti* G.Smith 1961. (ATCC 42229; CBS 170.81; IJFM 5144; IMI 253791). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([569](#))

***Penicillium chermesinum* Biourge 1923**

F-244 <-- INMI, VKM F-244 <- Pushkinskaya O.I. INMI, 1. Received as: *Penicillium chermesinum*. Ex: soil. Nizky Island. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium chermesinum* Biourge 1923**

F-446 <-- INMI, VKM F-446 <- National Research Center of Antibiotics, Moscow, Russia, RIA 296 <- Vintrova, Biological Institute Czechoslovak Academy of Sciences, P10. Received as: *Penicillium chermesinum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2074](#), [2763](#))

***Penicillium chermesinum* Biourge 1923**

F-2355 <-- IBPM, IBPM F-155 <- DMA MSU. Received as: *Penicillium*

chermesinum. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium chrysogenum Thom 1910

F-4395 <-- VKM IBPM, VKM FW-653. Received as: *Penicillium chrysogenum*. Ex: permafrost, depth 20,50-20,55 m, age 150 thousand years. Unipcat, delta of Mackenzie River, Arctic. Canada. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#))

Penicillium chrysogenum Thom 1910

F-4425 <-- VKM IBPM, VKM FW-2835. Received as: *Penicillium chrysogenum*. Ex: permafrost, hole 11/91, depth 15,60 m, age 15-40 thousand years. Kolyma Lowland, estuary of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium chrysogenum Thom 1910

F-4427 <-- VKM IBPM, VKM FW-2863. Received as: *Penicillium miczynskii*. Ex: permafrost, volcanic ash, hole 10/04, depth 9,60 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium chrysogenum Thom 1910

F-4428 <-- VKM IBPM, VKM FW-2864. Received as: *Penicillium chrysogenum*. Ex: permafrost, volcanic ash, hole 10/04, depth 9,60 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5244](#))

Penicillium chrysogenum Thom 1910

F-4429 <-- VKM IBPM, VKM FW-2865. Received as: *Penicillium chrysogenum*. Ex: permafrost, volcanic ash, hole 10/04, depth 11,70 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5244](#))

Penicillium chrysogenum Thom 1910

F-4430 <-- VKM IBPM, VKM FW-2873. Received as: *Penicillium citrinum*. Ex: permafrost, hole 11/91, depth 4,00 m, age 15-40 thousand years. Kolyma Lowland, estuary of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium chrysogenum Thom 1910

F-4432 <-- VKM IBPM, VKM FW-2877. Received as: *Penicillium miczynskii*. Ex: permafrost, hole 4/95, depth 3,42-3,48 m, age 30 thousand years. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8033](#))

Penicillium chrysogenum Thom 1910

F-4434 <-- VKM IBPM, VKM FW-1263. Received as: *Penicillium chrysogenum*. Ex: soil, meadow solonchak, 0-9 cm. Rostov Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([6766](#), [8258](#))

Penicillium chrysogenum Thom 1910

F-4435 <-- VKM IBPM, VKM FW-1440. Received as: *Penicillium chrysogenum*.

Ex: permafrost, hole 4/95, depth 3,42-3,48 m, age 30 000 years. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5244](#), [8033](#))

Penicillium chrysogenum Thom 1910

F-4499 <-- VKM IBPM, VKM FW-3088. Received as: *Penicillium chrysogenum*. Ex: air. Cheese-ageing chamber. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4542](#), [5122](#), [6347](#), [7007](#), [7622](#), [7741](#), [7942](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-227 <-- INMI, VKM F-227 <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia. Received as: *Penicillium aromaticum* f. *microsporum*. Synonym *Penicillium aromaticum* Sopp 1912 f. *microsporum* Romankova 1955 Type strain, *Penicillium notatum* Westling 1911. (ATCC 18476; CBS 302.67; FRR 1362; IMI 129964; MUCL 39342). Ex: soil. Leningrad Region. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([9031](#), [603](#), [891](#), [1812](#), [3252](#), [4583](#), [4838](#), [7952](#), [8002](#), [8929](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-239 <-- INMI, VKM F-239 <- Afrikyan E.G. <- LCP, LCP 47.673. Received as: *Penicillium camerunense*. Synonym *Penicillium camerunense* Heim 1949 Type strain. (ATCC 22349; CBS 339.52; FRR 3401; IMI 041606; IMI 041606ii; LCP 47.673; MUCL 39344). Ex: *Elaeis guineensis*, root. Cameroon. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([2156](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-245 <-- INMI, VKM F-245 <- National Research Center of Antibiotics, Moscow, Russia, RIA 142B <- MSU. Received as: *Penicillium chrysogenum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8686](#), [1095](#), [1321](#), [1629](#), [1790](#), [2069](#), [2153](#), [4314](#), [4875](#), [4925](#), [5808](#), [5998](#), [6150](#), [6222](#), [6311](#), [6313](#), [6408](#), [6645](#), [7368](#), [7571](#), [7719](#), [7786](#), [7766](#), [7775](#), [7798](#), [7799](#), [7817](#), [8130](#), [8163](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-246 <-- INMI, VKM F-246 <- Pushkinskaya O.I. INMI <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 166. Received as: *Penicillium chrysogenum*. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-247 <-- INMI, VKM F-247 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 202. Received as: *Penicillium chrysogenum*. Ex: cellar plaster. Brewery. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-264 <-- INMI, VKM F-264 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 467. Received as: *Penicillium cyaneofulvum*. Synonym *Penicillium cyaneofulvum* Biourge 1923. Ex: *Arachis hypogaea*,

nut. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1790](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-296 <-- INMI, VKM F-296 <- Romankova A.G. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 250. Received as: *Penicillium lanosum*. Ex: leather. Murmansk. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3533](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-314 <-- INMI, VKM F-314 <- National Research Center of Antibiotics, Moscow, Russia, RIA 3B. Received as: *Penicillium notatum*. Synonym *Penicillium notatum* Westling 1911. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1447](#), [1452](#), [2074](#), [2157](#), [2763](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-315 <-- INMI, VKM F-315 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 491. Received as: *Penicillium notatum*. Synonym *Penicillium notatum* Westling 1911. Ex: air. Refrigerator chamber (condensed milk storage). Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-4)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-316 <-- INMI, VKM F-316 <- Pushkinskaya O.I. INMI, 18-91. Received as: *Penicillium notatum*. Synonym *Penicillium notatum* Westling 1911. Ex: soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3252](#), [4583](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-317 <-- INMI, VKM F-317 <- Pushkinskaya O.I. INMI. Received as: *Penicillium notatum*. Synonym *Penicillium notatum* Westling 1911. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([5062](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-692 <-- INMI, VKM F-692 <- Pushkinskaya O.I. INMI, 26-20. Received as: *Penicillium cyaneofulvum*. Synonym *Penicillium cyaneofulvum* Biourge 1923. Ex: soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3252](#), [4583](#), [4838](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-1078 <-- INMI, VKM F-1078 <- Baghdadi V.H. DMA MSU, C3. Received as: *Penicillium harmonense*. Synonym *Penicillium harmonense* Baghdadi 1968 Type strain. (CBS 412.69; FRR 512; IMI 140340). Ex: soil. Damascus, Irna. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([147](#), [3065](#), [3252](#), [4583](#), [4710](#), [4838](#), [5604](#), [6603](#), [7952](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-1987 <-- INMI, VKM F-1987 <- Mirchink T.G. DSB MSU, 156. Received as: *Penicillium notatum*. Synonym *Penicillium notatum* Westling 1911. Ex: regosolic soil. Alpine meadow, Eastern Pamir Mountains, 3500-4000 m. Tajikistan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3252](#), [3885](#), [3903](#),

[3978](#), [4583](#), [4838](#), [6665](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-2356 <-- IBPM, IBPM F-142-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 48. Received as: *Penicillium chrysogenum*. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-2361 <-- IBPM, IBPM F-185-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 32. Received as: *Penicillium cyaneofulvum*. Synonym *Penicillium cyaneofulvum* Biourge 1923. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-2374 <-- IBPM, IBPM F-181-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 36. Received as: *Penicillium meleagrinum*. Synonym *Penicillium meleagrinum* Biourge 1923. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-2379 <-- IBPM, IBPM F-189-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 70. Received as: *Penicillium notatum*. Synonym *Penicillium notatum* Westling 1911. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-2552 <-- Abyzov S.S. INMI, 422-1. Received as: *Penicillium chrysogenum*. Ex: glacier thickness, depth 233 m, age 8500 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([604](#), [3533](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-2554 <-- Abyzov S.S. INMI, 489-1. Received as: *Penicillium chrysogenum*. Ex: glacier thickness, depth 234 m, age 8530 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([604](#), [3533](#))

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-3958 <-- Legonkova O.A. DMA MSU, 5E. Received as: *Penicillium chrysogenum*. Ex: thermoplastic polyurethane, placed in agrogeogenic changed soddy-podzolic heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-3965 <-- Legonkova O.A. DMA MSU, 9B (2). Received as: *Penicillium chrysogenum*. Ex: polyvinyl alcohol placed in agrochanged soddy-podzolic middle loam soil. Tula Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium chrysogenum Thom 1910 var. *chrysogenum*

F-4052 <-- Aleksandrova A.V. DMA MSU. Received as: *Penicillium chrysogenum*.

Ex: soil. Ob River sor clay. Yamalo-Nenets Autonomous Okrug, near Muzhi. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium cinerascens Biourge 1923

F-248 <-- INMI, VKM F-248 <- CMI, IMI 89896. Received as: *Penicillium cinerascens*. (IMI 89896; LSHB M.538). Ex: soil. England, Camberland. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3040](#))

Penicillium citreonigrum Dierckx 1901

F-249 <-- INMI, VKM F-249 <- CMI, IMI 92228. Received as: *Penicillium citreosulfuratum*. Synonym: *Penicillium citreosulfuratum* Biourge 1923 Type strain, *Penicillium citreoviride* Biourge 1923. (Biourge 21; IMI 092228; LSHB P-59; LSHB P.59; LSHB P.66; LSHB P.P.66; LSHB P66; MUCL 29785). Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([891](#), [1790](#), [4653](#), [6318](#))

Penicillium citreonigrum Dierckx 1901

F-250 <-- INMI, VKM F-250 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 321. Received as: *Penicillium citreoviride*. Synonym *Penicillium citreoviride* Biourge 1923. Ex: fruit pastry. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium citreonigrum Dierckx 1901

F-251 <-- INMI, VKM F-251 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 329. Received as: *Penicillium citreoviride*. Synonym *Penicillium citreoviride* Biourge 1923. Ex: air. Refrigerator chamber (preserves storage). Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium citreonigrum Dierckx 1901

F-252 <-- INMI, VKM F-252 <- Pushkinskaya O.I. INMI, 22-371. Received as: *Penicillium citreoviride*. Synonym *Penicillium citreoviride* Biourge 1923. Ex: soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium citreonigrum Dierckx 1901

F-856 <-- INMI, VKM F-856 <- Chalabuda T.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium cinereoatrum*. Synonym *Penicillium cinereoatrum* Chalabuda 1950 Type strain. (ATCC 22350; CBS 222.66; FRR 3390; IJFM 5024; IMI 113676; NRRL 3390). Ex: forest soil. Kiev. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [20](#))

Penicillium citreonigrum Dierckx 1901

F-1037 <-- INMI, VKM F-1037 <- Chalabuda T.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium albocinerascens*. Synonym *Penicillium albocinerascens* Chalabuda 1950 Type strain. (ATCC 18322; ATCC 18329; CBS 219.66; FRR 3393). Ex: virgin soil. Ukraine. Risk group: 4. (Medium

[12](#), 25°C, C-11, D-4, F-1, S-5). ([8861](#), [20](#))

Penicillium citreonigrum Dierckx 1901

F-1777 <-- INMI, VKM F-1777 <- Milko A.A., 1549. Received as: *Penicillium citreoviride*. Synonym *Penicillium citreoviride* Biourge 1923. Ex: soil. Young beech planting, hollow of stump. Zakarpattya Region, Svaliava. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8045](#), [8632](#), [8678](#), [8813](#))

Penicillium citreonigrum Dierckx 1901

F-2190 <-- Ramirez C. IJFM, IJFM 5597. Received as: *Penicillium gallaicum*. Synonym *Penicillium gallaicum* C.Ramirez et al. 1980 Type strain. (ATCC 42232; CBS 167.81; IJFM 5597). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([565](#), [4699](#))

Penicillium citreonigrum Dierckx 1901

F-3014 <-- Mirchink T.G. DSB MSU, 476. Received as: *Penicillium citreoviride*. Synonym *Penicillium citreoviride* Biourge 1923. Ex: volcanic ash. Sakhalin Island. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium citrinum Thom 1910

F-253 <-- INMI, VKM F-253 <- CMI, IMI 24307. Received as: *Penicillium citrinum*. (IMI 024307; LSHB Ad114; NCIM 766; NCTC 3952). Ex: cotton fabric. England, Manchester. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1095](#), [1812](#), [2074](#), [2763](#), [4823](#), [4838](#))

Penicillium citrinum Thom 1910

F-254 <-- INMI, VKM F-254 <- Rudakov O.L. Received as: *Penicillium citrinum*. Ex: *Beta vulgaris* var. *saccharifera*, root vegetables. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium citrinum Thom 1910

F-360 <-- INMI, VKM F-360 <- Pushkinskaya O.I. INMI, 2-2-2. Received as: *Penicillium steckii*. Synonym *Penicillium steckii* K.M.Zalessky 1927. Ex: alkali soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium citrinum Thom 1910

F-1069 <-- INMI, VKM F-1069 <- Baghdadi V.H. DMA MSU, B7. Received as: *Penicillium baradicum*. Synonym *Penicillium baradicum* Baghdadi 1968 Type strain. (CBS 416.69; FRR 508; IMI 140336). Ex: soil under cornel. Damascus. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([147](#), [3065](#), [4699](#), [4700](#), [4709](#), [4838](#))

Penicillium citrinum Thom 1910

F-1079 <-- INMI, VKM F-1079 <- Baghdadi V.H. DMA MSU, (30A)23. Received as: *Penicillium gorlenkoanum*. Synonym *Penicillium gorlenkoanum* Baghdadi 1968 Type strain. (CBS 408.69; FRR 511; IMI 140339). Ex: soil. Damascus, Nabi-Barada. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([8861](#), [147](#), [1451](#), [3057](#), [3058](#), [3065](#), [3885](#), [3978](#), [4022](#), [4699](#), [4709](#), [4838](#), [8128](#))

Penicillium citrinum Thom 1910

F-1290 <-- INMI, VKM F-1290 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1068. Received as: *Penicillium citrinum*. Ex: *Zea mays*, root. Chernovtsy Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4838](#))

Penicillium citrinum Thom 1910

F-2350 <-- IBPM, IBPM F-205 <- Bagdadi V.H. DMA MSU, B7. Received as: *Penicillium baradicum*. Synonym *Penicillium baradicum* Baghdadi 1968 Type strain. (CBS 416.69; FRR 508; IMI 140336; VKM F-1069). Ex: soil under cornel. Damascus. Syria. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3065](#), [3904](#), [4699](#), [4700](#), [4709](#), [5378](#), [5604](#))

Penicillium citrinum Thom 1910

F-2358 <-- IBPM, IBPM F-140-1 <-- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 109. Received as: *Penicillium citrinum*. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium citrinum Thom 1910

F-2394 <-- IBPM, IBPM F-156 <- DMA MSU. Received as: *Penicillium steckii*. Synonym *Penicillium steckii* K.M.Zalessky 1927. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3082](#))

Penicillium citrinum Thom 1910

F-3013 <-- Mirchink T.G. DSB MSU, 295. Received as: *Penicillium citrinum*. Ex: soil. China. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4838](#))

Penicillium citrinum Thom 1910

F-3057 <-- Mirchink T.G. DSB MSU, 12. Received as: *Penicillium citrinum*. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium citrinum Thom 1910

F-3059 <-- Ozerskaya S.M. VKM IBPM <- DSB MSU, 118-Oz. Received as: *Penicillium steckii*. Synonym *Penicillium steckii* K.M.Zalessky 1927. Ex: soil. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium citrinum Thom 1910

F-3878 <-- Vinokurova N.U. IBPM, MU-534 <- Ahmed Mustafa Abdel-hadi Botany and Microbiology Department, Faculty of Science, Al-azhar University, Cairo Egypt, MU-534. Received as: *Penicillium citrinum*. Ex: arid soil. Wadi-hubs, Red Sea. Matruh. Republic of Egypt. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium citrinum Thom 1910

F-3942 <-- Ozerskaya S.M. VKM IBPM, 11/1. Received as: *Penicillium citrinum*. Ex: air. Food manufacture. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1). ([5122](#), [5288](#), [7008](#), [7569](#))

Penicillium commune Thom 1910

F-687 <-- INMI, VKM F-687 <- Pushkinskaya. O.I. INMI, 48. Received as: *Penicillium palitans*. Synonym: *Penicillium palitans* Westling 1911. Ex: alkali soil. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3905](#), [6766](#), [8257](#), [8258](#))

Penicillium commune Thom 1910

F-689 <-- INMI, VKM F-689 <- Pushkinskaya. O.I. INMI, 19. Received as: *Penicillium lanosoviride*. Synonym *Penicillium lanosoviride* Thom 1930. Ex: soil. Tiksi Bay. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3905](#))

Penicillium commune Thom 1910

F-3086 <-- CMI, IMI 39819. Received as: *Penicillium lanosoviride*. Synonym *Penicillium lanosoviride* Thom 1930 Type strain. (ATCC 10461; CBS 282.36; IFO 7728; IMI 39819; LSHB Ad.12; NRRL 879; QM 7590; Thom 5034.12). Ex: sweet water. Glycerol still. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3905](#))

Penicillium commune Thom 1910

F-3088 <-- CMI, IMI 40215. Received as: *Penicillium palitans*. Synonym *Penicillium palitans* Westling 1911 Type strain. (ATCC 10477; CBS 107.11; IMI 40215; LSHB P.126; NRRL 2033). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [1966](#), [2074](#), [2158](#), [2161](#), [2226](#), [2763](#), [3055](#), [3083](#), [3885](#), [3903](#), [3905](#), [3978](#), [4678](#), [5866](#), [6795](#))

Penicillium commune Thom 1910

F-3233 Isotype <-- DSMZ, DSM 2211. Received as: *Penicillium commune*. Synonym *Penicillium fuscoglaucum* Biourge 1923. (ATCC 1111; ATCC 10428; CBS 311.48; CCRC 31554; DSM 2211; IBT 6200; IFO 5763; IMI 39812ii; NRRL 890; QM 1269; Thom 23). Ex: cheese. Connecticut. USA. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([8861](#), [3905](#))

Penicillium commune Thom 1910

F-3491 <-- Soloviova T.F. IBPM <- Frisvad J.C. IBT, Lyngby, Denmark, IBT F-12082. Received as: *Penicillium commune*. (IBT F-12082). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([3903](#), [3905](#))

Penicillium commune Thom 1910

F-4421 <-- VKM IBPM, VKM FW-2666. Received as: *Penicillium commune*. Ex: permafrost, volcanic ash, hole 10/04, depth 1,80-1,85 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium commune Thom 1910

F-4423 <-- VKM IBPM, VKM FW-2829. Received as: *Penicillium commune*. Ex: permafrost, hole 11/91, depth 4,00 m, age 15-40 thousand years. Kolyma Lowland, estuary of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium commune Thom 1910

F-4424 <-- VKM IBPM, VKM FW-2830. Received as: *Penicillium commune*. Ex: permafrost, hole 11/91, depth 4,00 m, age 15-40 thousand years. Kolyma Lowland, estuary of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium commune Thom 1910

F-4433 <-- VKM IBPM, VKM FW-2885. Received as: *Penicillium commune*. Ex: permafrost, hole 2/95, depth 1,84-1,88 m, age 150 thousand years. Taylor Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8033](#))

Penicillium commune Thom 1910

F-4460 <-- VKM IBPM, VKM FW-2753. Received as: *Penicillium viridicatum*. Ex: permafrost, hole 14/99, cryopeg, water, depth 21,00-24,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium commune Thom 1910

F-4461 <-- VKM IBPM, VKM FW-2851. Received as: *Penicillium viridicatum*. Ex: permafrost, hole 2/89, depth 36,00 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium commune Thom 1910

F-4463 <-- VKM IBPM, VKM FW-2853. Received as: *Penicillium viridicatum*. Ex: permafrost, volcanic ash, hole 10/04, depth 9,60 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium commune Thom 1910

F-4465 <-- VKM IBPM, VKM FW-2876. Received as: *Penicillium viridicatum*. Ex: permafrost, hole 7/92, depth 2,00 m. Kolyma Lowland, estuary of Malaya Konkovaya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium commune Thom 1910

F-4466 <-- VKM IBPM, VKM FW-2881. Received as: *Penicillium viridicatum*. Ex: permafrost, hole 3/95, depth 16,27-16,30 m, age 150 thousand years. Taylor Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8033](#))

Penicillium commune Thom 1910

F-4478 <-- VKM IBPM, VKM FW-3056. Received as: *Penicillium commune*. Ex: cheese Posad, hard rennet. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium commune Thom 1910

F-4485 <-- VKM IBPM, VKM FW-3073. Received as: *Penicillium commune*. Ex: cheese Shveysarskiy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium commune Thom 1910

F-4486 <-- VKM IBPM, VKM FW-3074. Received as: *Penicillium commune*. Ex: cheese Sovetskiy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#), [6347](#), [7622](#), [7741](#))

Penicillium commune Thom 1910

F-4487 <-- VKM IBPM, VKM FW-3075. Received as: *Penicillium commune*. Ex: cheese Kostromskoy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium commune Thom 1910

F-4488 <-- VKM IBPM, VKM FW-3076. Received as: *Penicillium commune*. Ex: cheese Kostromskoy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium commune Thom 1910

F-4500 <-- VKM IBPM, VKM FW-3089. Received as: *Penicillium commune*. Ex: cheese Rossiyskiy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#), [5288](#), [7008](#), [7569](#), [7952](#))

Penicillium commune Thom 1910

F-4501 <-- VKM IBPM, VKM FW-3090. Received as: *Penicillium commune*. Ex: cheese Rossiyskiy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium coprophilum (Berkeley et M.A. Curtis 1868) Seifert et Samson 1986

F-4273 <-- Ozerskaya S.M. VKM IBPM, VKM FW-3212. Received as: *Penicillium coprophilum*. Ex: soil, Novolazarevskaya Station, soil pit FDG-09-03, B, depth 0,02–0,06 m. Schirmacher Oasis, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium coprophilum (Berkeley et M.A. Curtis 1868) Seifert et Samson 1986

F-4274 <-- Ozerskaya S.M. VKM IBPM, VKM FW-3213. Received as: *Penicillium coprophilum*. Ex: soil, Novolazarevskaya Station, soil pit FDG-09-03, B, depth 0,02–0,06 m. Schirmacher Oasis, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium cordubense C. Ramirez et A.T. Martinez 1981

F-2195 Òype <-- Ramirez C. IJFM, IJFM 7030. Received as: *Penicillium cordubense*. (ATCC 42238; CBS 162.81; IJFM 7030; IMI 253799). Ex: sandy soil. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([566](#))

Penicillium corylophilum Dierckx 1901

F-1954 <-- INMI, VKM F-1954 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 3. Received as: *Penicillium corylophilum*. Ex: aviation fuel RT with anti-crystallization additives I-0.2%. Adjara, Batumi. Georgia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium crustosum Thom 1930

F-263 <-- INMI, VKM F-263 <- Ukrainian Scientific Research Institute of Food

Industry, Kharkov, Ukraine, 743. Received as: *Penicillium crustosum*. Ex: wheat flour. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([1790](#), [2074](#), [2763](#), [3082](#), [3083](#))

Penicillium crustosum Thom 1930

F-366 <-- INMI, VKM F-366 <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 80. Received as: *Penicillium terrestre*. Synonym *Penicillium terrestre* Jensen 1912, *Penicillium crustosum* Thom 1930. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3082](#))

Penicillium crustosum Thom 1930

F-367 <-- INMI, VKM F-367 <- Pushkinskaya O.I. INMI, 262 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium terrestre*. Synonym *Penicillium terrestre* Jensen 1912, *Penicillium crustosum* Thom 1930. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2069](#), [3082](#))

Penicillium crustosum Thom 1930

F-1146 <-- INMI, VKM F-1146 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 262 <- CBS, CBS 380.48. Received as: *Penicillium terrestre*. (ATCC 10505; CBS 380.48; IMI 39808; NRRL 934; Thom 5042.135). Ex: soil. Utah. USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3082](#))

Penicillium crustosum Thom 1930

F-1746 <-- INMI, VKM F-1746 <- Novobranova T.I. DMA MSU, 608. Received as: *Penicillium farinosum*. Synonym *Penicillium farinosum* Novobranova 1974 Type strain, *Penicillium crustosum* Thom 1930. (ATCC 24721; CBS 499.73; FRR 1478; IMI 174717). Ex: *Vitis vinifera*, berry at storage, surface. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([150](#), [1093](#), [1095](#), [1183](#), [1272](#), [1441](#), [1790](#), [2074](#), [2160](#), [2161](#), [2224](#), [2275](#), [2657](#), [2763](#), [2920](#), [3019](#), [3063](#), [3885](#), [4019](#), [6743](#), [6795](#))

Penicillium crustosum Thom 1930

F-2396 <-- IBPM, IBPM F-160 <- DMA MSU. Received as: *Penicillium terrestre*. Synonym *Penicillium terrestre* Jensen 1912, *Penicillium crustosum* Thom 1930. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium crustosum Thom 1930

F-4080 <-- Ivanushkina N.E. VKM IBPM, VKM FW-2796. Ex: permafrost, hole 3/90, depth 11,00 m. Kolyma Lowland, Krestovka River, right bank, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1). ([5462](#), [6192](#))

Penicillium cyaneum (Bainier et R. Sartory 1913) Biourge 1923 ex Thom 1930

F-448 <-- INMI, VKM F-448 <- National Research Center of Antibiotics, Moscow, Russia, RIA 60B <- Suprun T.P., 1234/5. Received as: *Penicillium cyaneum*. Ex: soil. Oak forest. Amursk Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2079](#), [2231](#))

Penicillium cyclopium Westling 1911

F-3967 <-- Legonkova O.A. DMA MSU, 6G. Received as: *Penicillium cyclopium*. Ex: thermoplastic polyurethane, placed in agrogenic changed soddy-podzolic middle loam soil. Tula Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium daleae K.W. Zaleski 1927

F-268 <-- INMI, VKM F-268 <- CMI, IMI 92101. Received as: *Penicillium daleae*. (IMI 92101). Ex: soil. Forest nursery. England, Hampshire (Hants). UK. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([3046](#))

Penicillium decumbens Thom 1910

F-269 <-- INMI, VKM F-269 <- Panasenko V.T. Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 387. Received as: *Penicillium decumbens*. Ex: air. Refrigerator chamber (orange crusts storage). Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([1790](#))

Penicillium decumbens Thom 1910

F-270 <-- INMI, VKM F-270 <- Pushkinskaya O.I. INMI, 9. Received as: *Penicillium decumbens*. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium decumbens Thom 1910

F-271 <-- INMI, VKM F-271 <- Pushkinskaya O.I. INMI, 13. Received as: *Penicillium decumbens*. Ex: soil. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium decumbens Thom 1910

F-851 <-- INMI, VKM F-851 <- Chalabuda T.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium glaucolanosum*. Synonym *Penicillium glaucolanosum* Chalabuda 1950 Type strain. (ATCC 18477; ATCC 18478; CBS 224.66; IMI 113678). Ex: soil. Kiev. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([20](#))

Penicillium decumbens Thom 1910

F-1077 <-- INMI, VKM F-1077 <- Baghdadi V.H. DMA MSU, T16. Received as: *Penicillium arabicum*. Synonym *Penicillium arabicum* Baghdadi 1969 Type strain. (ATCC 22347; CBS 414.69; DSM 2205; FRR 507; IJFM 5014; IMI 140335). Ex: soil. Mountans. As-Suwayda. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([8861](#), [147](#), [891](#), [3065](#), [5604](#))

Penicillium decumbens Thom 1910

F-1955 <-- INMI, VKM F-1955 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 4. Received as: *Penicillium decumbens*. Ex: aviation fuel RT with anti-crystallization additives IM-0.1%. Adjara, Batumi. Georgia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Penicillium decumbens Thom 1910

F-3090 <-- Rudakov O.L. INMI, VKM MF-39. Received as: *Penicillium decumbens*. Ex: fungus, *Puccinia graminis*, pustule. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium decumbens Thom 1910

F-3105 <-- Polyanskaya L.M. DSB MSU, 2-1a-38. Received as: *Penicillium decumbens*. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2074](#), [2763](#))

Penicillium dierckxii Biourge 1923

F-690 <-- INMI, VKM F-690 <- Pushkinskaya. O.I. INMI, 14. Received as: *Penicillium fellutanum*. Synonym: *Penicillium fellutanum* Biourge 1923. Ex: alkali soil. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3040](#))

Penicillium dierckxii Biourge 1923

F-1073 <-- INMI, VKM F-1073 <- Baghdadi V.H. DMA MSU, 16. Received as: *Penicillium sizovae*. Synonym *Penicillium sizovae* Baghdadi 1968 Type strain. (CBS 413.69; FRR 518; IMI 140344). Ex: soil. Damascus, Maysalun. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([8861](#), [147](#), [1423](#), [1290](#), [1327](#), [1743](#), [1824](#), [2152](#), [2656](#), [2661](#), [2672](#), [3011](#), [3040](#), [3065](#), [3086](#), [3885](#), [3887](#), [3903](#), [3978](#), [4688](#), [4699](#), [4709](#), [4838](#), [4924](#), [6480](#))

Penicillium dierckxii Biourge 1923

F-1075 <-- INMI, VKM F-1075 <- Baghdadi V.H. DMA MSU, V7. Received as: *Penicillium eben-bitarianum*. Synonym *Penicillium eben-bitarianum* Baghdadi 1968 Type strain, *Penicillium fellutanum* Biourge 1923. (CBS 415.69; FRR 510; IMI 140338). Ex: soil. Damascus. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([147](#), [3065](#), [4674](#))

Penicillium dierckxii Biourge 1923

F-1292 <-- INMI, VKM F-1292 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2870. Received as: *Penicillium fellutanum*. Synonym *Penicillium fellutanum* Biourge 1923. Ex: soil. Maize field, interrow. Odessa Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4838](#))

Penicillium dierckxii Biourge 1923

F-2817 <-- Rudakov O.L. INMI, VKM MF-429. Received as: *Penicillium fellutanum*. Synonym *Penicillium fellutanum* Biourge 1923. Ex: fungus, *Ampulloclitocybe clavipes*. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3040](#))

Penicillium dierckxii Biourge 1923

F-3020 <-- Mirchink T.G. DSB MSU, 482. Received as: *Penicillium fellutanum*. Synonym *Penicillium fellutanum* Biourge 1923. Ex: soddy-carbonate soil. Elm forest. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3040](#), [3066](#), [3885](#), [3903](#), [3978](#), [4486](#), [4838](#), [5133](#), [5052](#), [5123](#), [6722](#), [6766](#), [7658](#), [8257](#), [8258](#))

Penicillium dierckxii Biourge 1923

F-4420 <-- VKM IBPM, VKM FW-2611. Received as: *Penicillium fellutanum*.
Synonym *Penicillium fellutanum* Biourge 1923. Ex: permafrost, hole 2/98,
depth 1,70-1,80 m, age 12 thousand years. Kolyma Lowland, floodplain of
Alazeya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium digitatum (Persoon 1801) Saccardo 1881

F-467 <-- INMI, VKM F-467 <- VIZR, 696. Received as: *Penicillium digitatum*.
Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium digitatum (Persoon 1801) Saccardo 1881

F-1840 <-- INMI, VKM F-1840 <- Zakharova L.I. IBIW, 78v. Received as:
Penicillium digitatum. Ex: water, surface. Gorki Reservoir, Kostroma
flooding Lowland. Kostroma Region. Russia. Risk group: 4. (Medium [12](#),
25°C, D-4, F-1)

Penicillium digitatum (Persoon 1801) Saccardo 1881

F-4079 <-- Ivanushkina N.E. VKM IBPM. Risk group: 4. (Medium [12](#), 25°C, C-8)

Penicillium diversum Raper et Fennell 1948

F-449 <-- INMI, VKM F-449 <- National Research Center of Antibiotics, Moscow,
Russia, RIA 312B. Received as: *Penicillium diversum*. Ex: insulating tape.
Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium dodgei Pitt 1980

F-2351 <-- IBPM, IBPM F-158 <- DMA MSU. Received as: *Penicillium*
brefeldianum. Synonym: *Penicillium brefeldianum* B.O.Dodge 1933. Risk
group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium duclauxii Delacroix 1892

F-272 <-- INMI, VKM F-272 <- Pushkinskaya O.I. INMI, 34. Received as:
Penicillium duclauxii. Ex: soil. Vologda Region. Russia. Risk group: 4.
(Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium duclauxii Delacroix 1892

F-447 <-- INMI, VKM F-447 <- National Research Center of Antibiotics, Moscow,
Russia, RIA 291B <- Vintrova, Biological Institute Czechoslovak Academy
of Sciences. Received as: *Penicillium clavigerum*. Synonym *Penicillium*
clavigerum Demelius 1923. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1).
([3905](#))

Penicillium duclauxii Delacroix 1892

F-757 <-- INMI, VKM F-757 <- Mirchink T.G. DSB MSU, 120. Received as:
Penicillium cyclopium. Synonym *Penicillium clavigerum* Demelius 1923.
Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium duclauxii Delacroix 1892

F-899 <-- INMI, VKM F-899 <- Ukrainian Scientific Research Institute of Food
Industry, Kharkov, Ukraine, 762. Received as: *Penicillium tardum*. Ex: rye
straw. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium duclauxii Delacroix 1892

F-1293 <-- INMI, VKM F-1293 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1573. Received as: *Penicillium clavigerum*. Synonym *Penicillium clavigerum* Demelius 1923. Ex: *Zea mays*, root. Drogobych Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3905](#))

Penicillium duclauxii Delacroix 1892

F-2045 <-- INMI, VKM F-2045 <- White W.L., 596. Received as: *Penicillium duclauxii*. (ATCC 10440; CBS 323.48; FAT 1293; IFO 5690; IMI 40210; JQMD 596; NRRL 2020; QM 1078; QM 1923). Ex: deteriorating tent fabric. New Guinea Island. Papua New Guinea. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium duclauxii Delacroix 1892

F-3137 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, K-29. Received as: *Penicillium duclauxii*. Ex: baby-food. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium expansum Link 1809

F-275 Neotype <-- INMI, VKM F-275 <- CMI, IMI 39761 <- Thom, 4852. Received as: *Penicillium expansum*. (ATCC 7861; ATHUM 2891; ATHUM 7861; BCRC 30566; Biourge 24; CBS 325.48; CCRC 30566; FRR 0976; IBT 3486; IBT 5101; IHEM 5932; IMI 039761; IMI 039761ii; KCTC 6434; MUCL 29192; NRRL 976; Thom 4852). Ex: *Malus silvestris*, fruit. USA. DNA sequences: AB479357, AB479309, AB479278, FJ463031, FJ457079, AB041174, DQ911134, AY373912, AF003248, U15483. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [891](#), [1961](#), [2158](#), [2763](#), [3059](#), [3083](#), [4019](#), [4665](#), [4666](#), [4667](#), [4668](#), [5462](#), [7012](#), [6603](#), [6795](#), [7779](#))

Penicillium expansum Link 1809

F-276 <-- INMI, VKM F-276 <- Tsimerinov Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 283. Received as: *Penicillium expansum*. Ex: ill man, skin. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium expansum Link 1809

F-278 <-- INMI, VKM F-278 <- Pushkinskaya O.I. INMI, 10-6. Received as: *Penicillium expansum*. Ex: soil. Tiksi Bay. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3904](#))

Penicillium expansum Link 1809

F-1783 <-- INMI, VKM F-1783 <- Milko A.A., 1257. Received as: *Penicillium sp.* Ex: soil. Old beech forest with young underbrush. Zakarpattya Region, Sol. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium expansum Link 1809

F-3494 <-- Soloviova T.F. IBPM <- Frisvad J.C. IBT, Lyngby, Denmark, IBT F-

11501. Received as: *Penicillium expansum*. (IBT F-11501). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium expansum Link 1809

F-4272 <-- Ozerskaya S.M. VKM IBPM, VKM FW-3208. Received as: *Penicillium expansum*. Ex: permafrost, Novolazarevskaya Station, hole 3/09, depth 0,60-0,70 m. Schirmacher Oasis, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium fagi A.T. Martinez et C. Ramirez 1978

F-2178 Öype <-- Ramirez C. IJFM, IJFM 3049. Received as: *Penicillium fagi*. (ATCC 36956; CBS 689.77; CCM F-696; IJFM 3049; IMI 253806). Ex: *Fagus silvatica*, falling leaf. Andosol soil. Navarra. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [564](#), [4721](#))

Penicillium funiculosum Thom 1910

F-284 <-- INMI, VKM F-284 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 298. Received as: *Penicillium funiculosum*. Ex: *Helianthus tuberosus*, stem. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4823](#))

Penicillium funiculosum Thom 1910

F-754 <-- INMI, VKM F-754 <- Mirchink T.G. DSB MSU, 50. Received as: *Penicillium funiculosum*. Ex: soil. China. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium funiculosum Thom 1910

F-2366 <-- IBPM, IBPM F-179 <- DMA MSU. Received as: *Penicillium funiculosum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium funiculosum Thom 1910

F-2486 <-- Russian scientific ReseaRch institute Electronstandart, Saint-Peterburg, Russia, 61-G. Received as: *Penicillium funiculosum*. Ex: chrome-tanned leather. Adjara, Batumi. Georgia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium funiculosum Thom 1910

F-3021 <-- Mirchink T.G. DSB MSU, 403. Received as: *Penicillium funiculosum*. Ex: mountain-meadow soil. Elbrus region, Caucasus area, 2600 m. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium gaditanum C. Ramirez et A.T. Martinez 1981

F-3648 <-- Egorova A.V. DMA MSU, MSU-40. Received as: *Penicillium gaditanum*. Ex: thermal landscape soil, depth 7-10 cm. Dry thermal landscape, Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium glabrum (Wehmer 1893) Westling 1911

F-279 <-- INMI, VKM F-279 <- CMI, IMI 28043. Received as: *Penicillium frequentans*. Synonym: *Penicillium frequentans* Westling 1911. (IMI 28043;

LSHB Ad67; NCTC 606; VKM F-280). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2074](#), [2763](#))

Penicillium glabrum (Wehmer 1893) Westling 1911

F-280 <-- INMI, VKM F-280 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 561. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. (IMI 028043; LSHB Ad 67; NCTC 606; VKM F-279). Ex: Citrus limon. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium glabrum (Wehmer 1893) Westling 1911

F-282 <-- INMI, VKM F-282 <- Pushkinskaya O.I. INMI, 17-7-2. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. Ex: alkali soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium glabrum (Wehmer 1893) Westling 1911

F-283 <-- INMI, VKM F-283 <- Pushkinskaya O.I. INMI, 10-4-7. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. Ex: alkali soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([6766](#), [8257](#), [8258](#))

Penicillium glabrum (Wehmer 1893) Westling 1911

F-734 <-- INMI, VKM F-734 <- Mirchink T.G. DSB MSU, 176. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. Ex: soil. Altai Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium glabrum (Wehmer 1893) Westling 1911

F-1297 <-- INMI, VKM F-1297 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2206. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. Ex: maize rhizosphere, *Zea mays*. Ternopol Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium glabrum (Wehmer 1893) Westling 1911

F-1988 <-- INMI, VKM F-1988 <- Mirchink T.G. DSB MSU, 380. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. Ex: soddy-reserved podzolic soil, A1 horizon. Pine forest 30 years old, Valdai Hills. Novgorod Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium glabrum (Wehmer 1893) Westling 1911

F-2365 <-- IBPM, IBPM F-171 <- DMA MSU. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium glabrum (Wehmer 1893) Westling 1911

F-3012 <-- Mirchink T.G. DSB MSU, 449. Received as: *Penicillium frequentans*. Synonym *Penicillium frequentans* Westling 1911. Ex: soddy-podzolic virgin soil. Mixed forest, Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia. Risk group: 4. (Medium [12](#),

25°C, D-4, F-1)

***Penicillium gladioli* Machacek 1928**

F-1815 <-- INMI, VKM F-1815 <- Novobranova T.I. DMA MSU, 972. Received as: *Penicillium rolfsii* var. *sclerotiale*. Synonym: *Penicillium rolfsii* Thom 1930 var. *sclerotiale* Novobranova 1974 Type strain. (ATCC 24724; CBS 752.74; FRR 1483; IMI 174715). Ex: stored apple, cultivar Renet Burchardt, surface. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, C-1, C-8, D-4, F-1)

***Penicillium gladioli* Machacek 1928**

F-2088 Òype <-- INMI, VKM F-2088 <- Kocur M. CCM, CCM F-326. Received as: *Penicillium gladioli*. (ATCC 10448; CBS 332.48; CCM F-326; FRR 939; IBT 14772; IMI 034911; IMI 34911; IMI 034911ii; LCP 89.202; MUCL 29174; NRRL 939; QM 1955; Thom 4885). Ex: *Gladiolus* sp. USA. Risk group: 4. (Medium [12](#), 25°C, F-1). ([8861](#))

***Penicillium grancanariae* C. Ramirez et al. 1978**

F-2180 Òype <-- Ramirez C. IJFM, IJFM 3745. Received as: *Penicillium grancanariae*. (ATCC 38668; CBS 687.77; IJFM 3745; IMI 253783). Ex: air. Gran Canaria Island. Las Palmas. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([564](#))

***Penicillium granulatum* Bainier 1905**

F-466 <-- INMI, VKM F-466 <- VIZR, 114. Received as: *Penicillium corymbiferum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium granulatum* Bainier 1905**

F-743 <-- INMI, VKM F-743 <- Mirchink T.G. DSB MSU, 28. Received as: *Penicillium granulatum*. Ex: soddy-heavy podzolic virgin soil. Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2230](#), [2638](#), [3885](#), [3903](#), [3978](#))

***Penicillium granulatum* Bainier 1905**

F-1277 <-- INMI, VKM F-1277 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1078. Received as: *Penicillium granulatum*. Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium granulatum* Bainier 1905**

F-2545 <-- Abyzov S.S. INMI, A-11. Received as: *Penicillium granulatum*. Ex: glacier thickness, depth 70 m, age 1760 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([604](#), [3904](#))

***Penicillium griseofulvum* Dierckx 1901**

F-286 Neotype <-- INMI, VKM F-286 <- CMI, IMI 75832 <- Biourge P., 34. Received as: *Penicillium griseofulvum*. (ATCC 11885; ATHUM 2893; BCRC 31693; Biourge 34; Brian 374; C.Thom 4733.69; CBS 185.27; CCRC 31693; CCT 4456; CDBB 918; CECT 2605; CGMCC 3.7901; CMI 75832; DSM 896;

FRR 3571; IBT 6740; ICMP 1723; IFM 47730; IFO 7640; IFO 7641; IMI 075832; IMI 075832ii; KCTC 6435; LCP 79.3245; LSHB P.38; LSHB P.68; LSHB P.P.68; LSHB P38; LSHB P68; MUCL 28643; MUM 9742; NBIMCC 3390; NBRC 7640; NBRC 7641; NRRL 2152; NRRL 2159a; NRRL 2300; NRRL 734; NRRL A-2129; NRRL A-2869; P. Biourge 34; QM 6902; Raistrick P38; Thom 4733.69; Thom 5112.2). Belgium. DNA sequences: FJ004590, U15468 (NRRL 2300), FJ004354, AF003244, AY373917 (FRR 3571), AF034452 (NRRL 734), AF033468 (NRRL 2300). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [891](#), [2763](#), [4669](#), [4670](#), [4671](#), [6603](#))

Penicillium griseofulvum Dierckx 1901

F-318 <-- INMI, VKM F-318 <- CMI, IMI 34908. Received as: *Penicillium patulum*. Synonym *Penicillium patulum* Bainier 1906. (IMI 34908; LSHB P.189). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium griseofulvum Dierckx 1901

F-319 <-- INMI, VKM F-319 <- CMI, IMI 34909. Received as: *Penicillium patulum*. Synonym *Penicillium patulum* Bainier 1906. (IMI 34909; LSHB Ad.77). Ex: cooling water. Glycerol still. England. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1365](#), [3083](#))

Penicillium griseofulvum Dierckx 1901

F-320 <-- INMI, VKM F-320 <- CMI, IMI 92273 <- Thom, 2694. Received as: *Penicillium patulum*. Synonym *Penicillium patulum* Bainier 1906, *Penicillium urticae* Bainier 1907, *Penicillium flexuosum* Dale apud Biourge 1923 Type strain. (ATCC 48225; CBS 124.14; CBS 191.68; FRR 992; FRR 0667; IFO 8943; IMI 92273; LSHB P.129; MUCL 29201; NBRC 8943; NHL 6100; NRRL 992; Biourge 359; Dale 14c13; Thom 2694; Thom 4733.62). Ex: soil. Scotland. UK. DNA sequences: AY152607. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4673](#))

Penicillium griseofulvum Dierckx 1901

F-374 <-- INMI, VKM F-374 <- CMI, IMI 39809. Received as: *Penicillium griseofulvum*. Synonym *Penicillium patulum* Biourge 1906, *Penicillium urticae* Bainier 1907 Type strain. (ATCC 10120; CBS 384.48; CDBB 917; CMI 39809; FRR 989; IJFM 1863; IMI 39809; LCP 52.899; MUCL 29200; NRRL 989; Thom 4640.455). Ex: plant of Urticaceae, dead stem. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([891](#), [4684](#), [4685](#))

Penicillium griseofulvum Dierckx 1901

F-4275 <-- Ozerskaya S.M. VKM IBPM, VKM FW-3214. Received as: *Penicillium griseofulvum*. Ex: soil, Novolazarevskaya Station, soil pit FDG-09-03, B, depth 0,02–0,06 m. Schirmacher Oasis, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium griseofulvum Dierckx 1901

F-4455 <-- VKM IBPM, VKM FW-2251. Received as: *Penicillium griseofulvum*. Ex: permafrost, hole 3/92, depth 35,50 m, age 600-1800 thousand years.

Kolyma Lowland, valley of Malaya Konkovaya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium herqueri Bainier et R. Sartory 1912

F-287 <-- INMI, VKM F-287 <- Pushkinskaya O.I. INMI, 42. Received as: *Penicillium herqueri*. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([1790](#))

Penicillium herqueri Bainier et R. Sartory 1912

F-642 <-- INMI, VKM F-642 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia. Received as: *Penicillium herqueri*. Ex: book paper. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium herqueri Bainier et R. Sartory 1912

F-1151 <-- INMI, VKM F-1151 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 269 <- CBS. Received as: *Penicillium herqueri*. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Penicillium herqueri Bainier et R. Sartory 1912

F-3731 <-- Polyanskaya L.M. DSB MSU, 1-4-7. Received as: *Penicillium herqueri*. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium hirayamae Udagawa 1959

F-3483 <-- Ozerskaya S.M. VKM IBPM. Received as: *Penicillium hirayamae*. Synonym: *Penicillium citreonigrum* Dierckx 1901. Ex: air. Laboratory. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium hirsutum Dierckx 1901 var. *hirsutum*

F-3140 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 59427. Received as: *Penicillium corymbiferum*. Synonym: *Penicillium corymbiferum* Westling 1911. Ex: forest soil. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium hispanicum C. Ramirez et al. 1978

F-2179 Ôype <-- Ramirez C. IJFM, IJFM 3223. Received as: *Penicillium hispanicum*. (ATCC 38667; CBS 691.77; DSM 2416; IJFM 3223; IMI 253785). Ex: Citrus limon, fruit. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [8090](#), [564](#), [5378](#), [5604](#))

Penicillium humuli J.F.H. Beyma 1937

F-451 <-- INMI, VKM F-451 <- National Research Center of Antibiotics, Moscow, Russia, RIA 34B. Received as: *Penicillium humuli*. Ex: soil. Spruce forest. Zakarpattya Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Penicillium ilerdanum C. Ramirez et al. 1980

F-2189 Ôype <-- Ramirez C. IJFM, IJFM 5596. Received as: *Penicillium ilerdanum*. (ATCC 42231; CBS 168.81; IJFM 5596). Ex: air. Madrid. Spain. Risk group:

4. (Medium [12](#), 25°C, D-4, F-1). ([565](#))

Penicillium implicatum Biourge 1923

F-3603 <-- Evdokimova G.A. Laboratory of microbial ecology, Institute of the Industrial Ecology Problems of the North KSC RAS, Apatity, Russia. Received as: *Penicillium implicatum*. Ex: soil. Mountainous cowberry-yernik tundra. Murmansk Region, Dalnie Zelentsy. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium indonesiae Pitt 1980

F-905 <-- INMI, VKM F-905 <- National Research Center of Antibiotics, Moscow, Russia, RIA 295B <- Biological Institute Czechoslovak Academy of Sciences. Received as: *Penicillium javanicum*. Synonym: *Penicillium javanicum* J.F.H.Beyma 1929. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([5604](#))

Penicillium indonesiae Pitt 1980

F-2370 <-- IBPM, IBPM F-166 <- DMA MSU. Received as: *Penicillium javanicum*. Synonym *Penicillium javanicum* J.F.H.Beyma 1929. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Penicillium inflatum Stolck et Malla 1971

F-3879 <-- Ivanushkina N.E. VKM IBPM. Received as: *Penicillium inflatum*. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium insectivorum (Sopp 1912) Biourge 1923

F-883 <-- INMI, VKM F-883 <- VIZR. Received as: *Penicillium insectivorum*. Ex: insect, *Archips crataegana*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1790](#), [4117](#))

Penicillium islandicum Sopp 1912

F-2089 <-- INMI, VKM F-2089 <- Kocur M. CCM, CCM F-473 <- K. Ishii strain WF-38-12. Received as: *Penicillium islandicum*. (ATCC 26535; CCM F-473; K. Ishii strain WF-38-12). Ex: wheat flour. Japan. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([592](#), [593](#), [4720](#))

Penicillium islandicum Sopp 1912

F-3015 <-- Mirchink T.G. DSB MSU, 473. Received as: *Penicillium islandicum*. Ex: soil, ordinary chernozem. Krasnodar Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5396](#), [6766](#), [8258](#))

Penicillium islandicum Sopp 1912

F-3024 <-- Mirchink T.G. DSB MSU, 363 <- IFO, Japan. Received as: *Penicillium islandicum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium italicum Wehmer 1894

F-289 <-- INMI, VKM F-289 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 206. Received as: *Penicillium italicum*. Ex: *Zea mays*. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([3068](#))

Penicillium italicum Wehmer 1894

F-1279 <-- INMI, VKM F-1279 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 717. Received as: *Penicillium italicum*. Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium italicum Wehmer 1894

F-2363 <-- IBPM, IBPM F-190 <- VIZR, 600. Received as: *Penicillium italicum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium janczewskii K.W. Zaleski 1927

F-312 <-- INMI, VKM F-312 <- Romankova A.G. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 105. Received as: *Penicillium nigricans*. Synonym: *Penicillium nigricans* Bainier apud Thom 1930. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2956](#), [3046](#), [4838](#))

Penicillium janczewskii K.W. Zaleski 1927

F-313 <-- INMI, VKM F-313 <- CMI, IMI 39767 <- Thom C., 4640.448. Received as: *Penicillium nigricans*. Synonym *Penicillium nigricans* Bainier apud Thom 1930 Type strain. (ATCC 10115; CBS 354.48; FRR 0915; IFM 47731; IFO 6103; IMI 039767; NBRC 6103; NRRL 915; QM 1933; Thom 4640.448). France. DNA sequences: AB041185. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#))

Penicillium janczewskii K.W. Zaleski 1927

F-685 <-- INMI, VKM F-685 <- Pushkinskaya. O.I. INMI, 21-30. Received as: *Penicillium kapuscinskii*. Synonym *Penicillium kapuscinskii* K.W. Zaleski 1927. Ex: soil. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2956](#), [3046](#), [3885](#), [4838](#))

Penicillium janczewskii K.W. Zaleski 1927

F-2191 <-- Ramirez C. IJFM, IJFM 5965. Received as: *Penicillium granatense*. Synonym *Penicillium granatense* Ramirez et al. 1980 Type strain. (ATCC 42233; CBS 166.81; IJFM 5965). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([565](#), [2956](#), [3046](#), [4838](#))

Penicillium janczewskii K.W. Zaleski 1927

F-2377 <-- IBPM, IBPM F-148 <- DMA MSU. Received as: *Penicillium nigricans*. Synonym *Penicillium nigricans* Bainier apud Thom 1930. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2956](#), [3046](#), [4838](#))

Penicillium janczewskii K.W. Zaleski 1927

F-2378 <-- IBPM, IBPM F-148-2 <- VIZR, 973. Received as: *Penicillium nigricans*. Synonym *Penicillium nigricans* Bainier apud Thom 1930. Ex: soil. Turkmenistan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2956](#), [3046](#), [4838](#))

Penicillium janczewskii K.W. Zaleski 1927

F-2489 <-- Abyzov S.S. INMI, 237f. Received as: *Penicillium kapuscinskii*.

Synonym *Penicillium kapuscinskii* Zaleski 1927. Ex: glacier thickness. Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2956](#), [3046](#), [4838](#), [6665](#))

Penicillium janczewskii K.W. Zaleski 1927

F-3023 <-- Mirchink T.G. DSB MSU, 478 <- Stepanov A.L. Department of agriculture, Faculty of Soil Science, MSU, Moscow, Russia. Received as: *Penicillium nigricans*. Synonym *Penicillium nigricans* Bainier apud Thom 1930. Ex: soddy-podzolic agricultural soil. Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2956](#), [3046](#), [4838](#))

Penicillium jensenii K.W. Zaleski 1927

F-292 <-- INMI, VKM F-292 <- Romankova A.G. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia. 1334. Received as: *Penicillium jensenii*. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3046](#), [4838](#))

Penicillium jensenii K.W. Zaleski 1927

F-293 <-- INMI, VKM F-293 <- Pushkinskaya O.I. INMI, 28-15-1. Received as: *Penicillium jensenii*. Ex: alkali soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([2153](#), [3046](#), [4838](#), [6766](#), [8257](#), [8258](#))

Penicillium jensenii K.W. Zaleski 1927

F-294 <-- INMI, VKM F-294 <- Pushkinskaya O.I. INMI <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 263. Received as: *Penicillium jensenii*. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3046](#))

Penicillium jensenii K.W. Zaleski 1927

F-1147 Òype <-- INMI, VKM F-1147 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 263 <- CBS, CBS 216.28. Received as: *Penicillium jensenii*. (ATCC 10456; ATCC 18317; CBS 216.28; CBS 327.59; FRR 909; IFO 5764; IMI 039768; LCP 89.1389; NRRL 909; QM 7587; Thom 5010.10). Ex: forest soil. Poland. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([891](#), [919](#), [3046](#), [4672](#), [4692](#), [4699](#))

Penicillium jensenii K.W. Zaleski 1927

F-1295 <-- INMI, VKM F-1295 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2338. Received as: *Penicillium jensenii*. Ex: soil. Khmel'nitsky Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3046](#))

Penicillium jensenii K.W. Zaleski 1927

F-1826 <-- INMI, VKM F-1826 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia <- CBS, CBS 215.28. Received as: *Penicillium godlewskii*. Synonym *Penicillium godlewskii* Zaleski 1927 Type strain. (ATCC 10449; ATCC 48714; CBS 215.28; FRR

2111; IFO 7724; IMI 40591; NRRL 2111; QM 7566). Ex: soil. Coniferous forest. Poland. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [4699](#))

Penicillium jensenii K.W. Zaleski 1927

F-2368 <-- IBPM, IBPM F-188 <- DMA MSU. Received as: *Penicillium godlewskii*. Synonym *Penicillium godlewskii* Zaleski 1927. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3046](#))

Penicillium jensenii K.W. Zaleski 1927

F-2371 <-- IBPM, IBPM F-154 <- DMA MSU. Received as: *Penicillium jensenii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium kirovogradum Beliakova et al.

F-2617 <-- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 57016. Received as: *Penicillium sp.* Ex: soil. Oak planting. Kirovograd Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Penicillium lagena (Delitsch 1943) Stolk et Samson 1983

F-1989 <-- INMI, VKM F-1989 <- DSB MSU, 288. Received as: *Monocillium humicola*. Synonym: *Monocillium humicola* Barron 1961. Ex: peat. Moscow Region, Shatura. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2068](#))

Penicillium lagena (Delitsch 1943) Stolk et Samson 1983

F-3822 <-- Aleksandrova A.V. DMA MSU. Received as: *Torulomyces lagena*. Ex: soddy-podzolic soil, A1 horizon. Green moss fir-grove. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Penicillium lagena (Delitsch 1943) Stolk et Samson 1983

F-3943 <-- Ozerskaya S.M. VKM IBPM, MuMg28-13. Received as: *Penicillium lagena*. Ex: cotton wool, packing of wax phonographic roller N 270. Glinka State Central Museum of Musical Culture. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium lagena (Delitsch 1943) Stolk et Samson 1983

F-4045 <-- Aleksandrova A.V. DMA MSU, 48. Received as: *Penicillium lagena*. Ex: pine wood, *Pinus sp.*, with lichen. Pine-birch forest, Volga River, right bank. Tver Region, Zubtsov District, near Shishkino. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium lanosum Westling 1911

F-295 <-- INMI, VKM F-295 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 379. Received as: *Penicillium lanosum*. Ex: *Pyrus sp.* Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, F-1, S-5). ([1790](#))

Penicillium lanosum Westling 1911

F-297 <-- INMI, VKM F-297 <- Pushkinskaya O.I. INMI, 40. Received as:

Penicillium lanosum. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([1410](#), [6406](#))

Penicillium lanosum Westling 1911

F-1956 <-- INMI, VKM F-1956 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 5. Received as: *Penicillium lanosum*. Ex: air. Adjara, Chakva. Georgia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([1131](#), [1410](#), [4206](#), [6406](#))

Penicillium lapidosum Raper et Fennell 1948

F-298 <-- INMI, VKM F-298 <- Pushkinskaya O.I. INMI, 10-35-2. Received as: *Penicillium lapidosum*. Ex: soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium lapidosum Raper et Fennell 1948

F-688 <-- INMI, VKM F-688 <- Pushkinskaya. O.I. INMI, 17-20. Received as: *Penicillium lapidosum*. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium lapidosum Raper et Fennell 1948

F-1781 <-- INMI, VKM F-1781 <- Milko A.A., 4150. Received as: *Penicillium lapidosum*. Ex: bog. Mixed forest. Rovno Region, Sarna. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium lapidosum Raper et Fennell 1948

F-3647 <-- Egorova A.V. DMA MSU, MSU-36. Received as: *Penicillium lapidosum*. Ex: thermal landscape soil, depth 7-10 cm. Dry thermal landscape, Valley of Geysers, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium lehmanii Pitt 1980

F-456 <-- INMI, VKM F-456 <- National Research Center of Antibiotics, Moscow, Russia, RIA 164 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 264. Received as: *Penicillium spiculisporum*. Synonym: *Penicillium spiculisporum* Lehman 1920. Ex: soil. Sochi. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium lehmanii Pitt 1980

F-480 <-- INMI, VKM F-480 <- Belyakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 256. Received as: *Penicillium spiculisporum*. Synonym *Penicillium spiculisporum* Lehman 1920. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium lineatum Pitt 1980

F-2044 <-- INMI, VKM F-2044 <- TUB. Received as: *Penicillium striatum*. Synonym: *Penicillium striatum* Raper et Fennell 1948 Holotype. (ATCC 10501; CBS 377.48; IFO 6106; IMI 39741; NRRL 717; QM 1857; Thom Cameron-1). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [7470](#))

Penicillium lividum Westling 1911

F-303 Neotype <-- INMI, VKM F-303 <- CMI, IMI 39736 <- Thom, 2697. Received as: *Penicillium lividum*. (ATCC 10102; BCRC 31673; CBS 347.48; CCRC 31286; CCRC 31673; DSM 1180; FRR 0754; IFO 6102; IHEM 5776; IMI 039736; KCTC 6261; MUCL 38769; NBRC 6102; NRRL 754; QM 1930; Thom 2697; Thom 2737). Ex: soil. Scotland. UK. DNA sequences: FJ004596, FJ004479, FJ004420, FJ004359, DQ911124, AF241470, AF033406. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [87](#), [891](#), [2074](#), [2763](#), [4657](#), [4667](#), [4672](#))

Penicillium malacaense C. Ramirez et A.T. Martinez 1980

F-2197 Type <-- Ramirez C. IJFM, IJFM 7093. Received as: *Penicillium malacaense*. (ATCC 42241; CBS 160.81; IJFM 7093; IMI 253801). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [568](#))

Penicillium martensii Biourge 1923 var. *moldavicum* Solovei 1975

F-1971 Type <-- INMI, VKM F-1971 <- Solovei H.F. DMA MSU. Received as: *Penicillium martensii* var. *moldavicum*. Ex: soil. Vineyard. Republic of Moldova. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([605](#))

Penicillium megasporum Orpurt et Fennell 1955

F-796 <-- INMI, VKM F-796 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 75634. Received as: *Penicillium megasporum*. Ex: soil. Republic of Moldova. Risk group: 4. (Medium [12](#), 25°C, C-8, F-1, S-5)

Penicillium megasporum Orpurt et Fennell 1955

F-1338 <-- INMI, VKM F-1338 <- Milko A.A. Received as: *Penicillium megasporum*. (IMI 167385; CBS 625.72). USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium megasporum Orpurt et Fennell 1955

F-3230 <-- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2384. Received as: *Penicillium megasporum*. Ex: soil. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, S-5)

Penicillium melanoconidium Dierckx 1901

F-4405 <-- VKM IBPM, VKM FW-738. Received as: *Penicillium aurantiogriseum*. Ex: permafrost, hole 4/95, depth 2,01-2,04 m, age 30 thousand years. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [4583](#), [8033](#))

Penicillium melanoconidium Dierckx 1901

F-4406 <-- VKM IBPM, VKM FW-741. Received as: *Penicillium aurantiogriseum*. Ex: permafrost, hole 4/95, depth 2,01-2,04 m, age 30 thousand years. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [4583](#), [8033](#))

Penicillium melinii Thom 1930

F-274 <-- INMI, VKM F-274 <- CMI, IMI 68241. Received as: *Penicillium*

estinogenum. Synonym: *Penicillium estinogenum* A.Komatsu et S.Abe 1956 ex G.Smith 1963 Type strain. (ATCC 18310; BCRC 31557; CBS 329.59; CCRC 31557; FAT 1196; FRR 3428; IFO 6230; IMI 068241; MUCL 31192; NBRC 6230; QM 8144; QM 8149). Ex: soil. Japan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [919](#), [4664](#))

Penicillium melinii Thom 1930

F-311 <-- INMI, VKM F-311 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 634. Received as: *Penicillium melinii*. Ex: gingerbread. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1790](#), [3046](#), [4838](#))

Penicillium melinii Thom 1930

F-1070 <-- INMI, VKM F-1070 <- Baghdadi V.H. DMA MSU, W13. Received as: *Penicillium damascenum*. Synonym *Penicillium damascenum* Baghdadi 1968 Type strain. (CBS 411.69; IMI 140337). Ex: soil. Damascus. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([147](#), [3046](#), [3065](#), [4709](#), [4838](#))

Penicillium melinii Thom 1930

F-3016 <-- Mirchink T.G. DSB MSU, 479. Received as: *Penicillium radulatum*. Synonym *Penicillium radulatum* G.Smith 1957. Ex: brown forest soil. Karpat Reserve. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3046](#), [6766](#), [8258](#))

Penicillium miczynskii K.W. Zaleski 1927

F-356 <-- INMI, VKM F-356 <- Pushkinskaya O.I., 264 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium soppii*. Synonym: *Penicillium soppii* Zaleski 1927. Risk group: 4. (Medium [12](#), 25°C, F-1, S-4)

Penicillium miczynskii K.W. Zaleski 1927

F-1071 <-- INMI, VKM F-1071 <- Baghdadi V.H. DMA MSU, (c20)13. Received as: *Penicillium syriacum*. Synonym *Penicillium syriacum* Baghdadi 1968 Type strain. (CBS 418.69; FRR 519; IJFM 5043; IMI 140343). Ex: soil. Damascus, Berza. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([147](#), [1812](#), [3065](#))

Penicillium miczynskii K.W. Zaleski 1927

F-1822 <-- INMI, VKM F-1822 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia <- CBS 348.61 <- Ghillini C.A., 3633-95. Received as: *Penicillium miczynskii*. (CBS 348.61). Ex: soil. Italy. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium miczynskii K.W. Zaleski 1927

F-2375 <-- IBPM, IBPM F-149-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 68. Received as: *Penicillium miczynskii*. Ex: oil painting. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium miczynskii K.W. Zaleski 1927

F-2376 <-- IBPM, IBPM F-149 <- DMA MSU. Received as: *Penicillium miczynskii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium miczynskii K.W. Zaleski 1927

F-3138 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1807. Received as: *Penicillium miczynskii*. Ex: rhizosphere. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium miczynskii K.W. Zaleski 1927

F-4422 <-- VKM IBPM, VKM FW-2739. Received as: *Penicillium chrysogenum*. Ex: permafrost, hole 3/93, depth 12,00 m, age 120-780 thousand years. Kolyma Lowland, headwaters of Bolshoi Khomus-Jurjach River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium minioluteum Dierckx 1901

F-2188 <-- Ramirez C. IJFM, IJFM 5146. Received as: *Penicillium gaditanum*. Synonym: *Penicillium gaditanum* Ramirez et Martinez 1981 Type strain. (ATCC 42230; CBS 169.81; IJFM 5146). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([566](#))

Penicillium minioluteum Dierckx 1901

F-2508 <-- Nalepina L.N. VKM IBPM. Received as: *Penicillium minioluteum*. Ex: laboratory contaminant. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium mirabile Beliakova et Milko 1972

F-1328 Type <-- INMI, VKM F-1328 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 422. Received as: *Penicillium mirabile*. (CBS 624.72; FRR 1959; IMI 167383). Ex: forest soil. Republic of Crimea. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [73](#), [7470](#))

Penicillium mongoliae Beliakova et al.

F-2619 <-- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 140. Received as: *Penicillium sp.* Ex: soil. Mongolia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Penicillium multicolor Grigorieva-Manoilova et Poradielova 1915

F-468 <-- INMI, VKM F-468 <- VIZR, 122. Received as: *Penicillium multicolor*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium multicolor Novobranova 1972

F-1745 Type <-- INMI, VKM F-1745 <- Novobranova T.I. DMA MSU, 470. Received as: *Penicillium multicolor*. (ATCC 24723; CBS 501.73; IMI 174716). USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([891](#), [7468](#))

Penicillium murcianum C. Ramirez et A.T. Martinez 1981

F-2196 Type <-- Ramirez C. IJFM, IJFM 7031. Received as: *Penicillium murcianum*.

(ATCC 42239; CBS 161.81; IJFM 7031). Ex: sandy soil. Madrid. Spain.
Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [569](#))

Penicillium nalgiovense Laxa 1932

F-4490 <-- VKM IBPM, VKM FW-3079. Received as: *Penicillium nalgiovense*. Ex: boiled-smoked sausage Moskovskaya, casing. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium nalgiovense Laxa 1932

F-4491 <-- VKM IBPM, VKM FW-3080. Received as: *Penicillium nalgiovense*. Ex: boiled-smoked sausage Braunschveygskaya, casing. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium nalgiovense Laxa 1932

F-4492 <-- VKM IBPM, VKM FW-3081. Received as: *Penicillium nalgiovense*. Ex: boiled-smoked sausage Pikantnaya, casing. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#), [6347](#), [7622](#), [7741](#))

Penicillium nalgiovense Laxa 1932

F-4493 <-- VKM IBPM, VKM FW-3082. Received as: *Penicillium nalgiovense*. Ex: boiled-smoked sausage Savelat, casing. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium nalgiovense Laxa 1932

F-4494 <-- VKM IBPM, VKM FW-3083. Received as: *Penicillium nalgiovense*. Ex: air. Production floor, meat-processing plant. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium nalgiovense Laxa 1932

F-4495 <-- VKM IBPM, VKM FW-3084. Received as: *Penicillium nalgiovense*. Ex: air. Production floor, meat-processing plant. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium novae-zeelandiae J.F.H. Beyma 1940

F-1278 <-- INMI, VKM F-1278 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 102. Received as: *Penicillium novae-zeelandiae*. Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium novae-zeelandiae J.F.H. Beyma 1940

F-1280 <-- INMI, VKM F-1280 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 377. Received as: *Penicillium novae-zeelandiae*. Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium novae-zeelandiae J.F.H. Beyma 1940

F-1704 <-- INMI, VKM F-1704 <- Milko A.A., 4147. Received as: *Penicillium novae-zeelandiae*. Ex: marshy soil. Mixed forest. Rovno Region, Sarna. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium novae-zeelandiae J.F.H. Beyma 1940

F-1705 <-- INMI, VKM F-1705 <- Milko A.A., 2169. Received as: *Penicillium novae-zeelandiae*. Ex: soil. Zakarpattia Region, near Khust. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium novae-zeelandiae J.F.H. Beyma 1940

F-2886 Òype <-- Rudakov O.L. INMI, VKM MF-586 <- ATCC, ATCC 10473. Received as: *Penicillium novae-zeelandiae*. (ATCC 10473; CBS 137.41; IMI 40584; FRR 2128; IFO 31748; QM 1934; NRRL 2128). Ex: fungus, *Sclerotinia* sp., apothecium. New Zealand. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [4672](#), [4699](#))

Penicillium ochrochloron Biourge 1923

F-1702 <-- INMI, VKM F-1702 <- Milko A.A., 1270. Received as: *Penicillium ochrochloron*. Ex: soil. Young beech planting. Zakarpattia Region, Svaliava. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([1629](#), [1812](#), [2153](#), [4043](#), [4121](#), [4155](#), [4169](#), [4314](#), [4732](#), [5062](#), [5604](#), [6346](#), [6645](#), [7760](#))

Penicillium ochrochloron Biourge 1923

F-1827 <-- INMI, VKM F-1827 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia <- CBS, CBS 110.66. Received as: *Penicillium ochrochloron*. (ATCC 9112; ATCC 9824; CBS 110.66; CCM F-158; CCRC 31516; DSM 1945; IMI 61271; NCIM 1044; NRRL 744; QM 477; USDA 1336.2). USA. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([858](#))

Penicillium ochrochloron Biourge 1923

F-2032 <-- INMI, VKM F-2032 <- Vostrov I.S. INMI. Received as: *Penicillium ochrochloron*. Ex: ftorolon fabric. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([782](#), [6313](#), [8031](#))

Penicillium ochrochloron Biourge 1923

F-2380 <-- IBPM, IBPM F-157 <- DMA MSU. Received as: *Penicillium ochrochloron*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium ochrochloron Biourge 1923

F-2553 <-- Abyzov S.S. INMI, 423-1. Received as: *Penicillium ochrochloron*. Ex: glacier thickness, depth 234 m, age 8530 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, F-1). ([604](#))

Penicillium ochrochloron Biourge 1923

F-3644 <-- Egorova A.V. DMA MSU, MSU-1. Received as: *Penicillium ochrochloron*. Ex: clay acidic soil with supernormal heavy metals, thermal landscape, depth 7-10 cm. Dry thermal landscape, caldera, Uson Volkano, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium olivicolor Pitt 1980

F-4030 <-- Ozerskaya S.M. VKM IBPM, VKM FW-2623. Received as: *Penicillium olivicolor*. Ex: permafrost, hole 453/98, BGb42 horizon, Holocene age. Kolyma Lowland, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-

4, F-1). ([8829](#))

Penicillium olsonii Bainier et R. Sartory 1912

F-4095 <-- Ivanushkina N.E. VKM IBPM. Ex: permafrost, hole A5/08, depth 1,15-1,20 m. Bunger Oasis, Wilkes Land, Mount Chernaya area, Antarctica. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium onobense C. Ramirez et A.T. Martinez 1981

F-2183 Neotype <-- Ramirez C. IJFM, IJFM 3026. Received as: *Penicillium onobense*. (ATCC 42225; CBS 174.81; IJFM 3026). Ex: acid marshy soil. Navarra. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [569](#), [4696](#), [5604](#))

Penicillium ovetense C. Ramirez et A.T. Martinez 1981

F-2194 Ötype <-- Ramirez C. IJFM, IJFM 7029. Received as: *Penicillium ovetense*. (ATCC 42237; CBS 163.81; IJFM 7029). Ex: sandy soil. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([569](#))

Penicillium oxalicum Currie et Thom 1915

F-478 <-- INMI, VKM F-478 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 18. Received as: *Penicillium oxalicum*. Ex: cotton fabric, geographic map. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1966](#), [2074](#), [2763](#), [3083](#), [6603](#))

Penicillium oxalicum Currie et Thom 1915

F-684 <-- INMI, VKM F-684 <- Pushkinskaya. O.I. INMI, 33. Received as: *Penicillium oxalicum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium oxalicum Currie et Thom 1915

F-1986 <-- INMI, VKM F-1986 <- Mirchink T.G. DSB MSU, 338. Received as: *Penicillium oxalicum*. Ex: soil. River Nile valley. Republic of Egypt. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium oxalicum Currie et Thom 1915

F-2184 <-- Ramirez C. IJFM, IJFM 3871. Received as: *Penicillium asturianum*. Synonym *Penicillium asturianum* Ramirez et Martinez 1981 Type strain. (ATCC 42226; CBS 173.81; IJFM 3871). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([569](#))

Penicillium oxalicum Currie et Thom 1915

F-3141 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 59277. Received as: *Penicillium oxalicum*. Ex: forest soil. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium oxalicum Currie et Thom 1915

F-3651 <-- Egorova A.V. DMA MSU, MSU-82. Received as: *Penicillium oxalicum*. Ex: sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium palitans Westling 1911

F-4397 <-- VKM IBPM, VKM FW-657. Received as: *Penicillium verrucosum*. Ex:

permafrost, depth 20,50-20,55 m, age 150 thousand years. Unipcat, delta of Mackenzie River, Arctic. Canada. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4495](#), [4523](#), [4583](#))

Penicillium palitans Westling 1911

F-4399 <-- VKM IBPM, VKM FW-667. Received as: *Penicillium verrucosum*. Ex: permafrost, depth 20,50-20,55 m, age 150 thousand years. Unipcat, delta of Mackenzie River, Arctic. Canada. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4523](#), [4583](#))

Penicillium palitans Westling 1911

F-4400 <-- VKM IBPM, VKM FW-690. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 4/91, depth 14,70 m, age 100 thousand years. Kolyma Lowland, estuary of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4523](#), [4583](#))

Penicillium palitans Westling 1911

F-4401 <-- VKM IBPM, VKM FW-704. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 5/94, depth 12,60-12,80 m, age 200-600 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4583](#))

Penicillium palitans Westling 1911

F-4407 <-- VKM IBPM, VKM FW-747. Received as: *Penicillium aurantiogriseum*. Ex: permafrost, hole 4/95, depth 2,01-2,04 m, age 30 thousand years. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4523](#), [4583](#), [8033](#))

Penicillium palitans Westling 1911

F-4462 <-- VKM IBPM, VKM FW-2852. Received as: *Penicillium viridicatum*. Ex: permafrost, volcanic ash, hole 10/04, depth 9,60 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium palitans Westling 1911

F-4464 <-- VKM IBPM, VKM FW-2854. Received as: *Penicillium viridicatum*. Ex: permafrost, volcanic ash, hole 10/04, depth 10,75 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium palmense C. Ramirez et al. 1978

F-2181 Øype <-- Ramirez C. IJFM, IJFM 3840. Received as: *Penicillium palmense*. (ATCC 38669; CBS 336.79; IJFM 3840). Ex: air. Gran Canaria Island. Las Palmas. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([87](#), [564](#))

Penicillium paxilli Bainier 1907

F-732 <-- INMI, VKM F-732 <- Mirchink T.G. DSB MSU, 36 <- Mechtieva N.A. Received as: *Penicillium paxilli*. Ex: soil. Azerbaijan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

Penicillium paxilli Bainier 1907

F-1788 <-- INMI, VKM F-1788 <- Milko A.A., 4147. Received as: *Penicillium paxilli*. Ex: bog. Mixed forest. Rovno Region, Sarna. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3904](#))

Penicillium paxilli Bainier 1907

F-2382 <-- IBPM, IBPM F-170 <- DMA MSU. Received as: *Penicillium paxilli*. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([3904](#))

Penicillium paxilli Bainier 1907

F-2548 <-- Abyzov S.S. INMI, A-57. Received as: *Penicillium paxilli*. Ex: glacier thickness, depth 80 m, age 2100 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, F-1). ([604](#))

Penicillium paxilli Bainier 1907

F-2550 <-- Abyzov S.S. INMI, A-24. Received as: *Penicillium paxilli*. Ex: glacier thickness, depth 93 m, age 2500 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([604](#))

Penicillium phoeniceum J.F.H. Beyma 1933

F-321 Neotype <-- INMI, VKM F-321 <- CMI, IMI 40585. Received as: *Penicillium phoeniceum*. (ATCC 10481; CBS 249.32; FAT 1292; FRR 2070; IAM 13724; IFO 5801; IJFM 5122; IMI 040585; JCM 22782; KP 173; MUCL 38795; NBRC 5801; NRRL 2070; QM 7608). Ex: Phoenix **sp.** DNA sequences: AY742694, AY741758, AY741729. Risk group: 4. (Medium [12](#), 25°C, F-1). ([8861](#), [4672](#), [4674](#), [4675](#))

Penicillium phoeniceum J.F.H. Beyma 1933

F-454 <-- INMI, VKM F-454 <- National Research Center of Antibiotics, Moscow, Russia, RIA 131B <- Lebed E.S. Lomonosov Moscow State University, Moscow, Russia. Received as: *Penicillium pusillum*. Synonym *Penicillium pusillum* G.Smith 1939. Ex: soil. Armenia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium phoeniceum J.F.H. Beyma 1933

F-2385 <-- IBPM, IBPM F-175 <- DMA MSU. Received as: *Penicillium pusillum*. Synonym *Penicillium pusillum* G.Smith 1939. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium phoeniceum J.F.H. Beyma 1933

F-3949 <-- Sazykina M.A. Azov Scientific Research Institute of the Fishing Industry, Rostov-na-Donu, Russia, 24. Received as: *Penicillium phoeniceum*. Ex: *Acipenser gueldenstaedti*, skin. Semykarakorsky sturgeon-breeding factory. Rostov Region, Chebachi. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium piceum Raper et Fennell 1948

F-322 <-- INMI, VKM F-322 <- Pushkinskaya O.I. INMI, 57-14-1. Received as: *Penicillium piceum*. Ex: alkali soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([6766](#), [8257](#), [8258](#))

Penicillium piceum Raper et Fennell 1948

F-323 <-- INMI, VKM F-323 <- Pushkinskaya O.I. INMI, 3-2. Received as: *Penicillium piceum*. Ex: alkali soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium piceum Raper et Fennell 1948

F-324 <-- INMI, VKM F-324 <- Pushkinskaya O.I. INMI, 59-14-1. Received as: *Penicillium piceum*. Ex: alkali soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Penicillium pinophilum Thom 1910

F-1115 <-- INMI, VKM F-1115 <- Afrikyan E.G., 17 <- ATCC, ATCC 9644. Received as: *Penicillium funiculosum*. (AMP 41; ATCC 9644; CBS 170.60; CCRC 31621; DSM 1960; IFO 6345; IMI 87160ii; NRRL A-5245; NRRL A-3503; QM 391; SN 41). Ex: radio set. Papua New Guinea. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([8686](#), [1629](#), [1812](#), [2074](#), [2763](#), [4043](#), [4238](#), [4169](#), [4314](#), [4711](#), [4712](#), [4713](#), [4714](#), [4717](#), [4718](#), [4732](#), [4925](#), [5062](#), [5371](#), [5808](#), [5998](#), [6408](#), [6645](#), [7368](#), [7571](#), [7760](#), [7775](#))

Penicillium pinophilum Thom 1910

F-2085 <-- INMI, VKM F-2085 <- Kocur M. CCM, CCM F-336. Received as: *Penicillium allahabadense*. Synonym *Penicillium allahabadense* B.S.Mehrotra et D.Kumar 1962. (CCM F-336). Ex: iron-rich soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium polonicum K.W. Zaleski 1927

F-4482 <-- VKM IBPM, VKM FW-3060. Received as: *Penicillium polonicum*. Ex: boiled-smoked sausage Servelat, casing. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium polonicum K.W. Zaleski 1927

F-4497 <-- VKM IBPM, VKM FW-3086. Received as: *Penicillium polonicum*. Ex: air. Production floor, meat-processing plant. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#), [6347](#), [7741](#))

Penicillium poltaviae Beliakova et al.

F-2616 <-- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 54861. Received as: *Penicillium sp.* Ex: *Carpinus sp.*, falling leaf. Poltava Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Penicillium purpurogenum Stoll 1904

F-333 <-- INMI, VKM F-333 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 381. Received as: *Penicillium purpurogenum*. Ex: wood, *Betula sp.* Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium purpurogenum Stoll 1904

F-1291 <-- INMI, VKM F-1291 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 4483. Received as: *Penicillium purpurogenum*. Ex: *Zea mays*, root. Rovno Region. Ukraine. Risk group: 4. (Medium [12](#),

25°C, D-4, F-1, S-5)

***Penicillium purpurogenum* Stoll 1904**

F-2384 <-- IBPM, IBPM F-146 <- VIZR. Received as: *Penicillium purpurogenum*. Ex: Phragmites **sp.** Astrakhan. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium purpurogenum* Stoll 1904**

F-2816 <-- Rudakov O.L. INMI, VKM MF-425. Received as: *Penicillium purpurogenum*. Ex: fungus, *Mycena* **sp.** Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

***Penicillium purpurogenum* Stoll 1904**

F-3019 <-- Mirchink T.G. DSB MSU, 2. Received as: *Penicillium purpurogenum*. Ex: soddy-podzolic agricultural soil. Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2074](#), [2763](#), [3083](#))

***Penicillium quercetorum* Baghdadi 1968**

F-1074 Type <-- INMI, VKM F-1074 <- Baghdadi V.H. DMA MSU, T811. Received as: *Penicillium quercetorum*. (ATCC 48727; CBS 417.69; CCRC 31668; FRR 516; IFO 31749; IMI 140342; MUCL 31203). Ex: soil. Syria. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([8861](#), [147](#), [87](#), [891](#), [3065](#), [4672](#), [4692](#))

***Penicillium raistrickii* G. Smith 1933**

F-337 Neotype <-- INMI, VKM F-337 <- CMI, IMI 040221. Received as: *Penicillium raistrickii*. (ATCC 10490; CBS 261.33; CMI 40221; FRR 1044; IAM 13713; IFO 6104; IJFM 3869; IMI 040221; JCM 22773; KCTC 6408; LSH BB100; LSHB BB.100; LSHB BB100; MUCL 38779; MWi 477; NBRC 6104; NRRL 1044; NRRL 2039; QM 1936; Thom 5367.4; UAMH 5143). Ex: mouldy cotton yarn. England. UK. DNA sequences: DQ267922, AY373927, AF033491. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [891](#), [4672](#), [4681](#), [4699](#), [6794](#))

***Penicillium raistrickii* G. Smith 1933**

F-2387 <-- IBPM, IBPM F-183 <- DMA MSU. Received as: *Penicillium raistrickii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5604](#))

***Penicillium raistrickii* G. Smith 1933**

F-3485 <-- Polyanskaya L.M. DSB MSU. Received as: *Penicillium raistrickii*. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium resticulosum* Birkinshaw, Raistrick et G. Smith 1942**

F-1703 <-- INMI, VKM F-1703 <- Milko A.A., 1168. Received as: *Penicillium resticulosum*. Ex: soil. Deciduous forest, mountain slope. Zakarpattia Region, near Kamenitsa. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#), [1796](#))

***Penicillium restrictum* J.C. Gilman et E.V. Abbott 1927**

F-338 <-- INMI, VKM F-338 <- Pushkinskaya O.I. INMI <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 261. Received as: *Penicillium restrictum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

***Penicillium restrictum* J.C. Gilman et E.V. Abbott 1927**

F-339 <-- INMI, VKM F-339 <- Pushkinskaya O.I. INMI, 1-1-2. Received as: *Penicillium restrictum*. Ex: alkali soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

***Penicillium restrictum* J.C. Gilman et E.V. Abbott 1927**

F-1244 <-- INMI, VKM F-1244 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 184. Received as: *Penicillium kurssanovii*. Synonym *Penicillium kurssanovii* Chalabuda 1950 Type strain. (ATCC 18387; CBS 625.67; FRR 3381; IJFM 5045; IMI 129965). Ex: soil. Maize field, interrow. Zaporozhye Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([8861](#), [20](#), [891](#), [4672](#))

***Penicillium restrictum* J.C. Gilman et E.V. Abbott 1927**

F-1750 <-- INMI, VKM F-1750 <- Novobranova T.I. DMA MSU, 20. Received as: *Penicillium kazachstanicum*. Synonym *Penicillium kazachstanicum* Novobranova 1974 Type strain. (ATCC 24722; CBS 749.74; IMI 174720). Ex: *Malus domestica*, cultivar Renet Burchardt, fruit. Alma-Ata Region. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([150](#), [891](#), [1790](#))

***Penicillium restrictum* J.C. Gilman et E.V. Abbott 1927**

F-1841 <-- INMI, VKM F-1841 <- Zakharova L.I. IBIW, 361. Received as: *Penicillium restrictum*. Ex: water, depth 14 m. Volgograd Reservoir. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

***Penicillium restrictum* J.C. Gilman et E.V. Abbott 1927**

F-2388 <-- IBPM, IBPM F-144 <- DMA MSU. Received as: *Penicillium restrictum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium restrictum* J.C. Gilman et E.V. Abbott 1927**

F-3058 <-- Zaprometova K.M. V.N. Sukachev Laboratory of Biogeocoenology, A.N. Severtsov Institute of Ecology and Evolution RAS, Moscow, Russia, 10 p.o. Received as: *Penicillium restrictum*. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8257](#))

***Penicillium roqueforti* Thom 1906**

F-340 <-- INMI, VKM F-340 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 183. Received as: *Penicillium roqueforti*. Ex: lemon juice. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3533](#))

***Penicillium roqueforti* Thom 1906**

F-341 <-- INMI, VKM F-341 <- Romankova A.G. Scientific-Research and

Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 517. Received as: *Penicillium roquefortii*. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1538](#), [3056](#), [3533](#))

Penicillium roqueforti Thom 1906

F-342 <-- INMI, VKM F-342 <- Pushkinskaya O.I. INMI, 61. Received as: *Penicillium roquefortii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3068](#), [3533](#), [3904](#))

Penicillium roqueforti Thom 1906

F-361 <-- INMI, VKM F-361 <- CMI, IMI 57201. Received as: *Penicillium suaveolens*. Synonym *Penicillium suaveolens* Biourge 1923. (IMI 57201). Ex: wood mass. England. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3533](#), [3904](#))

Penicillium roqueforti Thom 1906

F-1747 <-- INMI, VKM F-1747 <- Novobranova T.I. DMA MSU, 400. Received as: *Penicillium conservandi*. Synonym *Penicillium conservandi* Novobranova 1974 Isotype. Ex: apple. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, F-1). ([3533](#), [3904](#))

Penicillium roqueforti Thom 1906

F-1748 <-- INMI, VKM F-1748 <- Novobranova T.I. DMA MSU, 95. Received as: *Penicillium conservandi*. Synonym *Penicillium conservandi* Novobranova 1974 Isotype. (ATCC 24720; CBS 498.73; FRR 1480; IMI 174718). Ex: *Malus silvestris*, fruit. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, F-1). ([150](#), [3533](#), [3904](#), [4719](#))

Penicillium roqueforti Thom 1906

F-2019 <-- INMI, VKM F-2019 <- Sviridenko Yu.Ya. VNIIMS, 141. Received as: *Penicillium roquefortii*. Ex: butter. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([1099](#), [1518](#), [3533](#), [3904](#))

Penicillium roqueforti Thom 1906

F-2389 <-- IBPM, IBPM F-141 <- DMA MSU. Received as: *Penicillium roqueforti*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1183](#), [1407](#), [1441](#), [2275](#), [2763](#), [3062](#), [3533](#), [3881](#), [3882](#), [3883](#), [3885](#), [3887](#), [3902](#), [3903](#), [3904](#), [3978](#), [4019](#), [4922](#), [6480](#), [6729](#), [7952](#))

Penicillium roqueforti Thom 1906

F-2547 <-- Abyzov S.S. INMI, A-55. Received as: *Penicillium roqueforti*. Ex: glacier thickness, depth 73 m, age 1800 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([604](#), [3533](#), [3904](#))

Penicillium roqueforti Thom 1906

F-4410 <-- VKM IBPM, VKM FW-794. Received as: *Penicillium roqueforti*. Ex: permafrost, hole 406/95, C2 horizon, depth 0,05 m, Holocene age. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4583](#))

Penicillium roqueforti Thom 1906

F-4479 <-- VKM IBPM, VKM FW-3057. Received as: *Penicillium roqueforti*. Ex: cheese Posad, hard rennet. LLC Yaroslavl cheeses. Rostov. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium roqueforti Thom 1906

F-4483 <-- VKM IBPM, VKM FW-3071. Received as: *Penicillium roqueforti*. Ex: cheese Shveysarskiy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium roqueforti Thom 1906

F-4484 <-- VKM IBPM, VKM FW-3072. Received as: *Penicillium roqueforti*. Ex: cheese Shveysarskiy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#), [6347](#), [7622](#), [7741](#))

Penicillium roqueforti Thom 1906

F-4489 <-- VKM IBPM, VKM FW-3077. Received as: *Penicillium roqueforti*. Ex: cheese Kostromskoy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium roqueforti Thom 1906

F-4498 <-- VKM IBPM, VKM FW-3087. Received as: *Penicillium roqueforti*. Ex: air. Cheese-ageing chamber. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium roseopurpureum Dierckx 1901

F-343 <-- INMI, VKM F-343 <- Pushkinskaya O.I. INMI, 11. Received as: *Penicillium roseopurpureum*. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium roseopurpureum Dierckx 1901

F-344 <-- INMI, VKM F-344 <- Pushkinskaya O.I. INMI, 12-5-2. Received as: *Penicillium roseopurpureum*. Ex: alkali soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium roseopurpureum Dierckx 1901

F-2390 <-- IBPM, IBPM F-187-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 76. Received as: *Penicillium roseopurpureum*. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium roseopurpureum Dierckx 1901

F-3025 <-- Mirchink T.G. DSB MSU, 460. Received as: *Penicillium roseopurpureum*. Ex: soil, ordinary chernozem. Not mowing steppe. Kursk Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([6766](#), [8257](#), [8258](#))

Penicillium roseopurpureum Dierckx 1901

F-3877 . Received as: *Penicillium roseopurpureum*. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium rubrum Stoll 1904

F-345 <-- INMI, VKM F-345 <- CMI, IMI 040036 <- Raper K.B. Received as: *Penicillium rubrum*. (ATCC 10520; CBS 370.48; CCT 2008; FRR 1062; IFO 30542; IMI 040036; KCTC 6776; KCTC 6780; NBRC 30542; NRRL 1062; Thom 5103; WFPL 184A). Ex: paper. Washington. USA. DNA sequences: AF245259, AF245258, AF241697, AF241696. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4682](#), [8007](#))

Penicillium rubrum Stoll 1904

F-346 <-- INMI, VKM F-346 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 737. Received as: *Penicillium rubrum*. Ex: rye flour. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium rubrum Stoll 1904

F-347 <-- INMI, VKM F-347 <- Pushkinskaya O.I. INMI, 99-18-2. Received as: *Penicillium rubrum*. Ex: alkali soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([6766](#), [8257](#))

Penicillium rubrum Stoll 1904

F-463 <-- INMI, VKM F-463 <- Konakotina A.G. Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia. Received as: *Spicaria rubra*. Risk group: 4. (Medium [12](#), 25°C, C-1, F-1)

Penicillium rubrum Stoll 1904

F-2391 <-- IBPM, IBPM F-173 <- DMA MSU. Received as: *Penicillium rubrum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([1790](#))

Penicillium rubrum Stoll 1904

F-2623 <-- Shkhaliev F.M. Azerbaijan Medical University, Baku, Azerbaijan, 1. Received as: *Penicillium rubrum*. Ex: podzolic soil. State Farm. 10 km from Baku. Azerbaijan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium rugulosum Thom 1910

F-348 <-- INMI, VKM F-348 <- CMI, IMI 089380. Received as: *Penicillium rugulosum*. (IFO 6965; IMI 089380; LSHB SM.1; NBRC 6965; NI 6297). Mandi. India. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2957](#))

Penicillium rugulosum Thom 1910

F-349 <-- INMI, VKM F-349 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 425. Received as: *Penicillium rugulosum*. Ex: tea. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium rugulosum Thom 1910

F-350 <-- INMI, VKM F-350 <- Pushkinskaya O.I. INMI, 7-14-2. Received as: *Penicillium rugulosum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-4). ([1790](#), [2957](#))

Penicillium rugulosum Thom 1910

F-351 <-- INMI, VKM F-350 <- Pushkinskaya O.I. INMI, 14-2-2. Received as: *Penicillium rugulosum*. Ex: alkali soil. Voronezh Region. Russia. Risk

group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium rugulosum Thom 1910

F-352 <-- INMI, VKM F-352 <- Pushkinskaya O.I. INMI, 44. Received as: *Penicillium rugulosum*. Ex: soil. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2957](#), [3885](#), [3903](#), [3978](#), [4016](#), [4838](#), [6632](#))

Penicillium rugulosum Thom 1910

F-362 <-- INMI, VKM F-362 <- CMI, IMI 40034. Received as: *Penicillium tardum*. Synonym *Penicillium tardum* Thom 1930 Type strain. (ATCC 10503; CBS 378.48; FRR 1073; IAM 13767; IFO 30549; IFO 30552; IFO 30553; IMI 040034; IMI 040034ii; KCTC 16051; LSHB Ad.45; LSHB AD45; MUCL 39542; NBRC 30549; NBRC 30552; NRRL 1073; QM 6761; Thom 4640.444T). Ex: dead twig. France. DNA sequences: AF245233, AF241668, AF268191. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([891](#), [4652](#), [4653](#))

Penicillium rugulosum Thom 1910

F-729 <-- INMI, VKM F-729 <- Mirchink T.G. DSB MSU, 60. Received as: *Penicillium tardum*. Synonym *Penicillium tardum* Thom 1930. Ex: soil. China. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium rugulosum Thom 1910

F-2711 <-- Rudakov O.L. INMI, VKM MF-88. Received as: *Penicillium rugulosum*. Ex: fungus, *Alternaria alternata*. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium rugulosum Thom 1910

F-2781 <-- Rudakov O.L. INMI, VKM MF-282. Received as: *Penicillium tardum*. Synonym *Penicillium tardum* Thom 1930 Type strain. (CBS 378.48). Ex: fungus, *Cladosporium fulvum*. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium rugulosum Thom 1910

F-3054 <-- Zaprometova K.M. V.N. Sukachev Laboratory of Biogeocoenology, A.N. Severtsov Institute of Ecology and Evolution RAS, Moscow, Russia, 13 p.o. Received as: *Penicillium tardum*. Synonym *Penicillium tardum* Thom 1930. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium rugulosum Thom 1910

F-3056 <-- Ozerskaya S.M. VKM IBPM <- DSB MSU, 346-Oz. Received as: *Penicillium tardum*. Synonym *Penicillium tardum* Thom 1930. Ex: soil. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium rugulosum Thom 1910

F-3941 <-- Ozerskaya S.M. VKM IBPM, 27/1. Received as: *Penicillium rugulosum*. Ex: smoked sausage, casing. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5122](#))

Penicillium rugulosum Thom 1910

F-4398 <-- VKM IBPM, VKM FW-665. Received as: *Penicillium rugulosum*. Ex: permafrost, depth 20,50-20,55 m, age 150 thousand years. Unipcat, delta of Mackenzie River, Arctic. Canada. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [7492](#))

***Penicillium rugulosum* Thom 1910**

F-4402 <-- VKM IBPM, VKM FW-717. Received as: *Penicillium rugulosum*. Ex: permafrost, hole 17/91, depth 17,50 m, age 20-30 thousand years. Kolyma Lowland, Halerchinsky tundra, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [6891](#), [7492](#))

***Penicillium rugulosum* Thom 1910**

F-4404 <-- VKM IBPM, VKM FW-733. Received as: *Penicillium rugulosum*. Ex: permafrost, hole 4/95, depth 1,40-1,44 m, age 30 thousand years. Miers Valley, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#), [7492](#), [8033](#))

***Penicillium sclerotiorum* J.F.H. Beyma 1937**

F-353 <-- INMI, VKM F-353 <- Pushkinskaya O.I. INMI, 26-73-1. Received as: *Penicillium sclerotiorum*. Ex: soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#))

***Penicillium sclerotiorum* J.F.H. Beyma 1937**

F-455 Òype <-- INMI, VKM F-455 <- National Research Center of Antibiotics, Moscow, Russia, RIA 370 <- CMI, IMI 40569. Received as: *Penicillium sclerotiorum*. (ATCC 10494; BCRC 32017; CBS 187.36; CCRC 32017; CMI 40569; FRR 2074; IAM 13672; IFO 6105; IJFM 5004; IMI 40569; JCM 22742; KCTC 6270; MUCL 38796; NBRC 6105; NRRL 2074; QM 1938; UAMH 514; VKM F-353). Ex: air. Java Island. Buitenzorg. Indonesia. DNA sequences: AB540176, AB540175, AY373930, AF033404. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2074](#), [2763](#), [4672](#), [4687](#), [4688](#))

***Penicillium sclerotiorum* J.F.H. Beyma 1937**

F-461 <-- INMI, VKM F-461 <- National Research Center of Antibiotics, Moscow, Russia, RIA 26. Received as: *Penicillium sclerotiorum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

***Penicillium sclerotiorum* J.F.H. Beyma 1937**

F-1374 <-- INMI, VKM F-1374 <- Milko A.A., 3037. Received as: *Penicillium sclerotiorum*. (VKM F-1780). Ex: mountain soil. Republic of Crimea. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

***Penicillium sclerotiorum* J.F.H. Beyma 1937**

F-2392 <-- IBPM, IBPM F-186 <- DMA MSU. Received as: *Penicillium sclerotiorum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium severskii* Schechovtsov 1981**

F-2542 <-- Shekhovtsov A.G. V.N. Karazin Kharkov National University, Kharkov, Ukraine, 357. Received as: *Penicillium severskii*. (CBS 438.88; IJFM 19000). Ex: litter. Pine planting, Severny Donets River, left bank. Kharkov

Region, Gotvald. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([83](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-290 <-- INMI, VKM F-290 <- Pushkinskaya O.I. INMI, 5-1. Received as: *Penicillium janthinellum*. Synonym: *Penicillium janthinellum* Biourge 1923. Ex: soil. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-291 <-- INMI, VKM F-291 <- Pushkinskaya O.I. INMI, 266. Received as: *Penicillium janthinellum*. Synonym *Penicillium janthinellum* Biourge 1923. Ex: soil. USSR. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-325 <-- INMI, VKM F-325 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 191. Received as: *Penicillium piscarium*. Synonym *Penicillium piscarium* Westling 1911. Ex: poltavsky gingerbreads. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3885](#), [3978](#), [4016](#), [4017](#), [4838](#), [5123](#), [6649](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-452 <-- INMI, VKM F-452 <- National Research Center of Antibiotics, Moscow, Russia, RIA 139B <- Lebed E.S. Lomonosov Moscow State University, Moscow, Russia. Received as: *Penicillium janthinellum*. Synonym *Penicillium janthinellum* Biourge 1923. Ex: soil. Spruce-birch forest, Priamurye. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-641 <-- INMI, VKM F-641 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia. Received as: *Penicillium simplicissimum*. Ex: ancient rag paper book with wood inclusions. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-683 <-- INMI, VKM F-683 <- Pushkinskaya. O.I. INMI, 34. Received as: *Penicillium simplicissimum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-691 <-- INMI, VKM F-691 <- Pushkinskaya. O.I. INMI, 37. Received as: *Penicillium piscarium*. Synonym *Penicillium piscarium* Westling 1911. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([9157](#), [4017](#), [4838](#), [5133](#), [5123](#), [6420](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-694 <-- INMI, VKM F-694 <- Pushkinskaya. O.I. INMI, 40. Received as: *Penicillium piscarium*. Synonym *Penicillium piscarium* Westling 1911. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-1034 <-- INMI, VKM F-1034 <- Chalabuda T.V. Danilo Zabolotny Institute of

Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium cremeogriseum*. Synonym *Penicillium cremeogriseum* Chalabuda 1950 Type strain. (ATCC 18320; ATCC 18323; CBS 223.66; FRR 1734; FRR 2289; IJFM 5011; IMI 197492; NRRL 3389). Ex: forest soil. near Kiev. Ukraine. DNA sequences: GU981624, GU981586, DQ834936. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([8861](#), [20](#), [1790](#), [3959](#), [4696](#), [4697](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-1072 <-- INMI, VKM F-1072 <- Baghdadi V.H. DMA MSU, y46. Received as: *Penicillium kabunicum*. Synonym *Penicillium kabunicum* Baghdadi 1968 Type strain, *Penicillium janthinellum* Biourge 1923. (CBS 409.69; FRR 513; IMI 140341). Ex: soil. Damascus, Kabun. Syria. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [147](#), [3065](#), [7468](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-1149 <-- INMI, VKM F-1149 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 266 <- CBS. Received as: *Penicillium janthinellum*. Synonym *Penicillium janthinellum* Biourge 1923. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([607](#), [5604](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-1823 <-- INMI, VKM F-1823 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia <- CBS, CBS 362.48. Received as: *Penicillium piscarium*. Synonym *Penicillium piscarium* Westling 1911 Type strain. (ATCC 10482; CBS 362.48; FRR 1075; IFO 8111; IMI 40032; NRRL 1075; Thom 2549). Ex: cod liver oil. Germany. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [606](#), [4017](#), [4672](#), [4688](#), [4697](#), [4838](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-1825 <-- INMI, VKM F-1825 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia <- CBS, CBS 138.65. Received as: *Penicillium simplicissimum*. (CBS 138.65). Ex: cellulose. Germany. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-1940 <-- INMI, VKM F-1940 <- IBPM, IBPM F-382. Received as: *Penicillium skrjabinii*. Synonym *Penicillium skrjabinii* Schmotina et Golovleva 1974 Type strain. (CBS 439.75; IMI 196528). Ex: soil. Far East. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8861](#), [1790](#), [4696](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-2369 <-- IBPM, IBPM F-153 <- DMA MSU. Received as: *Penicillium janthinellum*. Synonym *Penicillium janthinellum* Biourge 1923. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4838](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-2386 <-- IBPM, IBPM F-208 <- Bagdadi V.H. DMA MSU, y46. Received as:

Penicillium kabunicum. Synonym *Penicillium kabunicum* Baghdadi 1968
Type strain, *Penicillium janthinellum* Biourge 1923. (CBS 409.69; FRR 513;
IMI 140341; VKM F-1072). Ex: soil. Damascus, Kabun. Syria. Risk group:
4. (Medium [12](#), 25°C, D-4, F-1). ([147](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-2544 <-- Abyzov S.S. INMI, A-10. Received as: *Penicillium simplicissimum*. Ex:
glacier thickness, depth 70 m, age 1760 year. Central Antarctica. Risk group:
4. (Medium [12](#), 25°C, F-1). ([604](#))

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-3103 <-- Polyanskaya L.M. DSB MSU, 2-1a-24. Received as: *Penicillium*
simplicissimum. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium simplicissimum (Oudemans 1903) Thom 1930

F-3109 <-- Polyanskaya L.M. DSB MSU, 3-1a-28. Received as: *Penicillium*
simplicissimum. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium solitum Westling 1911

F-326 <-- INMI, VKM F-326 <- Ukrainian Scientific Research Institute of Food
Industry, Kharkov, Ukraine, 726 <- VIZR, 100/22. Received as: *Penicillium*
psittacinum. Synonym: *Penicillium psittacinum* Thom 1930. Risk group: 4.
(Medium [12](#), 25°C, D-4, F-1, S-5). ([395](#))

Penicillium solitum Westling 1911

F-354 <-- INMI, VKM F-354 <- Ukrainian Scientific Research Institute of Food
Industry, Kharkov, Ukraine, 265. Received as: *Penicillium solitum*. Ex: air.
Brewery basement. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-
8, D-4, F-1). ([2275](#), [3082](#))

Penicillium solitum Westling 1911

F-355 <-- INMI, VKM F-355 <- Romankova A.G. Scientific-Research and
Technological Institute of Antibiotics and Enzymes for Medical Purposes,
Saint Petersburg, Russia, 668. Received as: *Penicillium solitum*. Ex: air.
Laboratory. St.-Petersburg. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4,
F-1, S-5). ([3082](#))

Penicillium solitum Westling 1911

F-479 <-- INMI, VKM F-479 <- Mirchink T.G. DSB MSU, 1002. Received as:
Penicillium psittacinum. Synonym *Penicillium psittacinum* Thom 1930. Risk
group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium solitum Westling 1911

F-1751 <-- INMI, VKM F-1751 <- Novobranova T.I. DMA MSU, 614. Received as:
Penicillium mali. Synonym *Penicillium mali* Novobranova 1972 Isotype
strain, *Penicillium mali* Gorlenko et Novobranova 1983 Isotype strain.
(ATCC 24727; CBS 500.73). Kazakhstan. Risk group: 4. (Medium [12](#), 25°C,
C-1, D-4, F-1)

Penicillium solitum Westling 1911

F-1752 <-- INMI, VKM F-1752 <- Novobranova T.I. DMA MSU, 624. Received as: *Penicillium mali*. Synonym *Penicillium mali* Novobranova 1972 Isotype strain, *Penicillium mali* Gorlenko et Novobranova 1983 Isotype strain. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium solitum Westling 1911

F-1753 <-- INMI, VKM F-1753 <- Novobranova T.I. DMA MSU, 890. Received as: *Penicillium mali*. Synonym *Penicillium mali* Novobranova 1972 Isotype strain, *Penicillium mali* Gorlenko et Novobranova 1983 Isotype strain. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium solitum Westling 1911

F-3087 Öype <-- CMI, IMI 39810. Received as: *Penicillium solitum*. (ATCC 9923; CBS 288.36; CBS 424.89; FRR 937; IBT 3948; IFO 7765; IMI 39810; IMI 092225; LSHB P52; MUCL 28668; MUCL 29173; NRRL 937; Thom 2546). Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3082](#))

Penicillium solitum Westling 1911

F-4458 <-- VKM IBPM, VKM FW-2615. Received as: *Penicillium viridicatum*. Ex: permafrost, hole 2/98, depth 1,70-1,80 m, age 12 thousand years. Kolyma Lowland, floodplain of Alazeya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium solitum Westling 1911

F-4459 <-- VKM IBPM, VKM FW-2665. Received as: *Penicillium solitum*. Ex: permafrost, volcanic ash, hole 10/04, depth 1,80-1,85 m. Bezymianny Volcano, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium solitum Westling 1911

F-4467 <-- VKM IBPM, VKM FW-2921. Received as: *Penicillium viridicatum*. Ex: permafrost, water. Radok Lake, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8033](#))

Penicillium solitum Westling 1911

F-4468 <-- VKM IBPM, VKM FW-2928. Received as: *Penicillium viridicatum*. Ex: permafrost, water. Radok Lake, Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([8033](#))

Penicillium solocongelatus Beliakova et al.

F-2618 <-- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 139. Received as: *Penicillium sp.* Ex: dark meadow deepfrozen soil. Mongolia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1)

Penicillium sp.

F-2555 <-- Abyzov S.S. INMI, 533. Received as: *Penicillium lanosum*. Ex: glacier thickness, depth 260 m, age 9770 year. Central Antarctica. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([604](#))

Penicillium spinulosum Thom 1910

F-332 <-- INMI, VKM F-332 <- Pushkinskaya O.I. INMI, 4. Received as: *Penicillium purpurescens*. Synonym: *Penicillium purpurescens* (Sopp 1912) Raper et Thom 1949, *Penicillium purpurescens* (Sopp 1912) Biourge 1923. Ex: soil. Tiksi Bay. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2763](#))

Penicillium spinulosum Thom 1910

F-357 <-- INMI, VKM F-357 <- CMI, IMI 91950. Received as: *Penicillium spinulosum*. (IMI 91950). Ex: container for distilled water. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium spinulosum Thom 1910

F-358 <-- INMI, VKM F-358 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 192. Received as: *Penicillium spinulosum*. Ex: apple juice. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium spinulosum Thom 1910

F-359 <-- INMI, VKM F-359 <- Pushkinskaya O.I. INMI, 260 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Penicillium spinulosum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3083](#))

Penicillium spinulosum Thom 1910

F-365 <-- INMI, VKM F-365 <- Pushkinskaya O.I. INMI, 31-43-2. Received as: *Penicillium terlikowskii*. Synonym *Penicillium terlikowskii* Zaleski 1927. Ex: soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium spinulosum Thom 1910

F-373 <-- INMI, VKM F-373 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 692 <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia. Received as: *Penicillium trzebinskii*. Synonym *Penicillium trzebinskii* Zaleski 1927. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium spinulosum Thom 1910

F-1145 <-- INMI, VKM F-1145 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 260 <- CBS. Received as: *Penicillium spinulosum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium spinulosum Thom 1910

F-1294 <-- INMI, VKM F-1294 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2345. Received as: *Penicillium spinulosum*. Ex: maize rhizosphere, *Zea mays*. Kiev Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Penicillium spinulosum Thom 1910

F-1749 <-- INMI, VKM F-1749 <- Novobranova T.I. DMA MSU, 421. Received as:

Penicillium ardesiacum. Synonym *Penicillium ardesiacum* Novobranova 1974 Type strain. (ATCC 24719; CBS 497.73; FRR 1479; IFO (now NBRC) 30540; IMI 174719). Ex: *Vitis vinifera*, berry at storage. Alma-Ata Region. Kazakhstan. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [87](#), [150](#), [1790](#), [9114](#))

***Penicillium spinulosum* Thom 1910**

F-1984 <-- INMI, VKM F-1984 <- Mirchink T.G. DSB MSU, 378. Received as: *Penicillium spinulosum*. Ex: soddy-podzolic soil, A1 horizon. Pine forest 30 years old, Valdai Hills. Novgorod Region. Russia. Risk group: 4. (Medium [12](#), 25°C, F-1)

***Penicillium spinulosum* Thom 1910**

F-2393 <-- IBPM, IBPM F-184-1 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 82. Received as: *Penicillium spinulosum*. Ex: oil painting. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium spinulosum* Thom 1910**

F-2756 <-- Rudakov O.L. INMI, VKM MF-190. Received as: *Penicillium spinulosum*. Ex: fungus, *Lactarius resimus*. Sakhalin Island. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium spinulosum* Thom 1910**

F-3011 <-- Mirchink T.G. DSB MSU, 481. Received as: *Penicillium purpurescens*. Synonym *Penicillium purpurescens* (Sopp 1912) Raper et Thom 1949, *Penicillium purpurescens* (Sopp 1912) Biourge 1923. Ex: brown forest soil. Karpat Reserve. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([2763](#))

***Penicillium spinulosum* Thom 1910**

F-3107 <-- Polyanskaya L.M. DSB MSU, 2-1a-54. Received as: *Penicillium purpurescens*. Synonym *Penicillium purpurescens* (Sopp 1912) Raper et Thom 1949, *Penicillium purpurescens* (Sopp 1912) Biourge 1923. Ex: soil. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2763](#))

***Penicillium spinulosum* Thom 1910**

F-3139 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 76 Mo. Received as: *Penicillium purpurescens*. Synonym *Penicillium purpurescens* (Sopp 1912) Raper et Thom 1949, *Penicillium purpurescens* (Sopp 1912) Biourge 1923. Ex: soil. Steppe. Mongolia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2763](#))

***Penicillium spinulosum* Thom 1910**

F-4075 . Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium spinulosum* Thom 1910**

F-4663 <-- Grum-Grzhimaylo O.A. BBS MSU. Ex: sphagnum peat, tow. White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky.

Russia. DNA sequences: JQ780639. Risk group: 4. (Medium [9](#), 18°C, D-4, F-1)

Penicillium terraconense C. Ramirez et A.T. Martinez 1980

F-2199 *Òype* <-- Ramirez C. IJFM, IJFM 5151. Received as: *Penicillium terraconense*.
Synonym: *Penicillium terraconense* Ramirez et Martinez 1980 Type strain.
(ATCC 42235; CBS 337.79; IJFM 5151). Ex: grape must. Madrid. Spain.
Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([568](#))

Penicillium thomii Maire 1917

F-368 <-- INMI, VKM F-368 <- CMI, IMI 68175. Received as: *Penicillium thomii*.
(IMI 68175). Ex: tinder fungus. Scotland. UK. Risk group: 4. (Medium [12](#),
25°C, D-4, F-1, S-5). ([2763](#))

Penicillium thomii Maire 1917

F-369 <-- INMI, VKM F-369 <- Ukrainian Scientific Research Institute of Food
Industry, Kharkov, Ukraine, 518. Received as: *Penicillium thomii*. Ex:
Fragaria sp. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1,
S-5)

Penicillium thomii Maire 1917

F-371 <-- INMI, VKM F-371 <- Pushkinskaya O.I. INMI, 3-8. Received as:
Penicillium thomii. Ex: podzolic soil. Vologda Region. Russia. Risk group:
4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([6788](#))

Penicillium thomii Maire 1917

F-372 <-- INMI, VKM F-371 <- Pushkinskaya O.I. INMI, 15-7-2. Received as:
Penicillium thomii. Ex: alkali soil. Kyrgyzstan. Risk group: 4. (Medium [12](#),
25°C, D-4, F-1, S-5). ([6766](#), [8258](#))

Penicillium thomii Maire 1917

F-2842 <-- Rudakov O.L. INMI, VKM MF-371. Received as: *Penicillium thomii*.
Ex: fungus, *Laetiporus sulphureus*. Moscow. Russia. Risk group: 4. (Medium
[12](#), 25°C, D-4, F-1, S-5)

Penicillium thomii Maire 1917

F-2843 <-- Rudakov O.L. INMI, VKM MF-493. Received as: *Penicillium thomii*.
Ex: fungus, *Laetiporus sulphureus*. Moscow. Russia. Risk group: 4. (Medium
[12](#), 25°C, D-4, F-1, S-5)

Penicillium thomii Maire 1917

F-3026 <-- Mirchink T.G. DSB MSU, 441. Received as: *Penicillium thomii*. Ex:
litter. Fir-grove, 100 years old. Yaroslavl Region. Russia. Risk group: 4.
(Medium [12](#), 25°C, C-8, D-4, F-1). ([5604](#))

Penicillium thomii Maire 1917

F-4664 <-- Grum-Grzhimaylo O.A. BBS MSU. Ex: sludge. Littoral zone of the
fresh-marine lake, White Sea Biological Station MSU. Republic of Karelia,
Loukhsky District, Primorsky. Russia. DNA sequences: JX535130. Risk
group: 4. (Medium [9](#), 18°C, D-4, F-1)

Penicillium thymicola Frisvad et Samson 2004

F-4453 <-- VKM IBPM, VKM FW-869. Received as: *Penicillium griseofulvum*. Ex: permafrost, hole 15/99, cryopeg, water, depth 17,00-21,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([9105](#), [5020](#))

Penicillium turbatum Westling 1911

F-458 <-- INMI, VKM F-458 <- National Research Center of Antibiotics, Moscow, Russia, RIA 157. Received as: *Penicillium turbatum*. Ex: soil. China. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium turolense C. Ramirez et A.T. Martinez 1981

F-2198 Òype <-- Ramirez C. IJFM, IJFM 7097. Received as: *Penicillium turolense*. (ATCC 42242; CBS 176.81; IJFM 7097). Ex: *Fagus* sp., falling leaf. Nancy. France. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([569](#), [4699](#))

Penicillium umbonatum Sopp 1912

F-2823 <-- Rudakov O.L. INMI, VKM MF-444. Received as: *Penicillium umbonatum*. Ex: fungus, *Russula foetens*. Moscow Region, Serpukhov. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium valentinum C. Ramirez et A.T. Martinez 1980

F-2185 Òype <-- Ramirez C. IJFM, IJFM 5071. Received as: *Penicillium valentinum*. (ATCC 42227; CBS 338.79; IJFM 5071). Ex: air. Madrid. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([568](#))

Penicillium vanbeymae Pitt 1980

F-231 <-- INMI, VKM F-231 <- CMI, IMI 45477. Received as: *Penicillium baarnense*. Synonym: *Penicillium baarnense* J.F.H.Beyma 1940. (CBS 228.81; IMI 045477). Ex: soil. England, Cambridge. UK. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium variabile Sopp 1912

F-285 <-- INMI, VKM F-285 <- Pushkinskaya O.I. INMI, 4-1. Received as: *Penicillium funiculosum* Thom 1910. Ex: soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium variabile Sopp 1912

F-375 <-- INMI, VKM F-375 <- Pushkinskaya O.I. INMI, 27-10-2. Received as: *Penicillium variabile*. Ex: soil. Volgograd Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium variabile Sopp 1912

F-377 <-- INMI, VKM F-377 <- Pushkinskaya O.I. INMI, 4B. Received as: *Penicillium variabile*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium variabile Sopp 1912

F-2075 <-- INMI, VKM F-2075 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 1. Received as: *Penicillium*

rugulosum. Ex: liquid fuel. Vietnam. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4367](#), [4534](#), [4838](#))

Penicillium variabile Sopp 1912

F-3650 <-- Egorova A.V. DMA MSU, MSU-75. Received as: *Penicillium variabile*. Ex: sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk group: 4. (Medium [12](#), 25°C, F-1)

Penicillium variabile Sopp 1912

F-4396 <-- VKM IBPM, VKM FW-655. Received as: *Penicillium variabile*. Ex: permafrost, depth 20,50-20,55 m, age 150 thousand years. Unipcat, delta of Mackenzie River, Arctic. Canada. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3083](#), [3969](#), [4534](#))

Penicillium variabile Sopp 1912

F-4411 <-- VKM IBPM, VKM FW-806. Received as: *Penicillium variabile*. Ex: permafrost, hole 2/94, depth 27,50-27,60 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3969](#), [4534](#))

Penicillium variabile Sopp 1912

F-4412 <-- VKM IBPM, VKM FW-811. Received as: *Penicillium variabile*. Ex: permafrost, hole 2/94, depth 27,50-27,60 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3969](#), [4534](#))

Penicillium variabile Sopp 1912

F-4413 <-- VKM IBPM, VKM FW-816. Received as: *Penicillium variabile*. Ex: permafrost, hole 2/94, depth 27,50-27,60 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3969](#), [4534](#))

Penicillium variabile Sopp 1912

F-4414 <-- VKM IBPM, VKM FW-818. Received as: *Penicillium variabile*. Ex: permafrost, hole 2/94, depth 45,30-45,80 m, age 1800-3000 thousand years. Kolyma Lowland, middle stream of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#))

Penicillium variabile Sopp 1912

F-4436 <-- VKM IBPM, VKM FW-2528. Received as: *Penicillium variabile*. Ex: alkaloid of plant origin. South America. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#))

Penicillium variabile Sopp 1912

F-4437 <-- VKM IBPM, VKM FW-2531. Received as: *Penicillium variabile*. Ex: alkaloid of plant origin. South America. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#))

Penicillium variabile Sopp 1912

F-4439 <-- VKM IBPM, VKM FW-2701. Received as: *Penicillium variabile*. Ex:

alkaloid of plant origin. South America. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#))

Penicillium variabile Sopp 1912

F-4440 . Received as: *Penicillium variabile*. Ex: phonographic roller, light brown wax. State Literary Museum. Moscow. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4534](#))

Penicillium vasconiae C. Ramirez et A.T. Martinez 1980

F-2182 Ôype <-- Ramirez C. IJFM, IJFM 3008. Received as: *Penicillium vasconiae*. (ATCC 42224; CBS 339.79; IJFM 3008). Ex: soil. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([568](#), [4696](#))

Penicillium velutinum J.F.H. Beyma 1935

F-379 Neotype <-- INMI, VKM F-379 <- CMI, IMI 40571. Received as: *Penicillium velutinum*. (ATCC 10510; CBS 250.32; CECT 2318; CGMCC 3.4481; CMI 40571; FRR 2069; IJFM 5108; IMI 040571; KCTC 6269T; MUCL 38794; NRRL 2069; QM 7686). Ex: sputum of man. Apeldoorn. Netherlands. DNA sequences: AF033448. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [891](#))

Penicillium velutinum J.F.H. Beyma 1935

F-380 <-- INMI, VKM F-380 <- CMI, IMI 40571-. Received as: *Penicillium velutinum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([5134](#))

Penicillium velutinum J.F.H. Beyma 1935

F-741 <-- INMI, VKM F-741 <- Mirchink T.G. DSB MSU, 221. Received as: *Penicillium fuscum*. Synonym *Penicillium fuscum* (Sopp 1912) Biourge 1923. Ex: soil. Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5)

Penicillium velutinum J.F.H. Beyma 1935

F-1264 <-- INMI, VKM F-1264 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 442. Received as: *Penicillium sp.* Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2091](#))

Penicillium velutinum J.F.H. Beyma 1935

F-1779 <-- INMI, VKM F-1779 <- Milko A.A. Received as: *Penicillium pinetorum*. Synonym *Penicillium pinetorum* M.Christensen et Backus 1961. Ex: bog. Treeless place. Zhitomir Region, Slavichansk District, Usovo. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium velutinum J.F.H. Beyma 1935

F-1786 <-- INMI, VKM F-1264 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 442. Received as: *Penicillium sp.* Ex: soil under coniferous litter. Mixed forest. Republic of Crimea, near Miskhor. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium velutinum* J.F.H. Beyma 1935**

F-2367 <-- IBPM, IBPM F-165 <- DMA MSU. Received as: *Penicillium fuscum*.
Synonym *Penicillium fuscum* (Sopp 1912) Biourge 1923. Risk group: 4.
(Medium [12](#), 25°C, C-1, D-4, F-1)

***Penicillium velutinum* J.F.H. Beyma 1935**

F-2397 <-- IBPM, IBPM F-164 <- DMA MSU. Received as: *Penicillium velutinum*.
Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium velutinum* J.F.H. Beyma 1935**

F-3055 <-- Zaprometova K.M. V.N. Sukachev Laboratory of Biogeocoenology, A.N.
Severtsov Institute of Ecology and Evolution RAS, Moscow, Russia, 3.0.
Received as: *Penicillium velutinum*. Ex: soil. Moscow Region. Russia. Risk
group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium verrucosum* Dierckx 1901**

F-243 <-- INMI, VKM F-243 <- Ukrainian Scientific Research Institute of Food
Industry, Kharkov, Ukraine, 182. Received as: *Penicillium casei*. Synonym:
Penicillium casei Staub 1911. Ex: noodles. Kharkov. Ukraine. Risk group: 4.
(Medium [12](#), 25°C, D-4, F-1, S-5). ([1790](#), [3082](#))

***Penicillium verrucosum* Dierckx 1901**

F-2201 <-- Ramirez C. IJFM, IJFM 5967. Received as: *Penicillium gerundense*.
Synonym *Penicillium gerundense* C.Ramirez et A.T. Martinez 1980 Type
strain. (ATCC 42234; CBS 334.79; IJFM 5967). Ex: air. Madrid. Spain. Risk
group: 4. (Medium [12](#), 25°C, D-4, F-1). ([568](#))

***Penicillium verrucosum* Dierckx 1901**

F-3484 <-- Polyanskaya L.M. DSB MSU. Received as: *Penicillium verrucosum*.
Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

***Penicillium verrucosum* Dierckx 1901**

F-3645 <-- Egorova A.V. DMA MSU, MSU-24. Received as: *Penicillium*
verrucosum var. *verrucosum*. Ex: volcanic ash soil. Mountainous tundra,
caldera, Uzon Volcano, Kronotsky State Biosphere Reserve, Kamchatka
Peninsula. Kamchatka Territory. Russia. Risk group: 4. (Medium [12](#), 25°C,
F-1). ([3533](#))

***Penicillium verrucosum* Dierckx 1901**

F-3969 <-- Burkin A.A. All-Russian Research Institute for Veterinary Sanitation,
Hygiene and Ecology, Russian Academy of Agricultural Sciences, Moscow,
Russia, 2227/5. Received as: *Penicillium verrucosum*. Risk group: 4.
(Medium [12](#), 25°C, F-1)

***Penicillium verrucosum* Dierckx 1901**

F-3970 <-- Burkin A.A. All-Russian Research Institute for Veterinary Sanitation,
Hygiene and Ecology, Russian Academy of Agricultural Sciences, Moscow,
Russia, 2253/2. Received as: *Penicillium verrucosum*. Risk group: 4.
(Medium [12](#), 25°C, F-1)

***Penicillium verrucosum* Dierckx 1901**

F-4031 <-- Burkin A.A. All-Russian Research Institute for Veterinary Sanitation, Hygiene and Ecology, Russian Academy of Agricultural Sciences, Moscow, Russia, 2227/8. Received as: *Penicillium verrucosum*. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4)

***Penicillium verrucosum* Dierckx 1901**

F-4415 <-- VKM IBPM, VKM FW-875. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 15/99, cryopeg, suspension-water, depth 17,00-21,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4523](#), [4534](#), [4583](#))

***Penicillium verrucosum* Dierckx 1901**

F-4416 <-- VKM IBPM, VKM FW-877. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 15/99, cryopeg, suspension-water, depth 17,00-21,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4523](#), [4534](#), [4583](#))

***Penicillium verrucosum* Dierckx 1901**

F-4417 <-- VKM IBPM, VKM FW-878. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 15/99, cryopeg, suspension-water, depth 17,00-21,00 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([3969](#), [4523](#), [4534](#), [4583](#))

***Penicillium verrucosum* Dierckx 1901**

F-4418 <-- VKM IBPM, VKM FW-907. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 17/99, cryopeg, suspension-water, depth 17,0-17,30 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4523](#), [4534](#), [4583](#))

***Penicillium verrucosum* Dierckx 1901**

F-4419 <-- VKM IBPM, VKM FW-908. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 17/99, cryopeg, suspension-water, depth 17,0-17,30 m, age 100-120 thousand years. Kolyma Lowland, cape Chukochy, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4523](#), [4534](#), [4583](#))

***Penicillium verrucosum* Dierckx 1901**

F-4456 <-- VKM IBPM, VKM FW-2600. Received as: *Penicillium verrucosum*. Ex: permafrost, hole 1/98, depth 22,80-22,90 m, age 3000 thousand years. Kolyma Lowland, middle stream of Alazeya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

***Penicillium verruculosum* Peyronel 1913**

F-382 <-- INMI, VKM F-382 <- Pushkinskaya O.I. INMI, 22-12-1. Received as: *Penicillium verruculosum*. Ex: soil. Kyrgyzstan. Risk group: 4. (Medium [12](#), 25°C, S-5)

***Penicillium verruculosum* Peyronel 1913**

F-922 <-- INMI, VKM F-922 <- Milko A.A., 74. Received as: *Penicillium moldavicum*. Synonym *Penicillium moldavicum* Milko et Belyakova 1967

Type strain. (ATCC 18355; CBS 627.67; CBS 574.90; FRR 665; IMI 129966). Ex: soil. Vineyard. near Chisinau. Republic of Moldova. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1). ([8861](#), [620](#), [7468](#))

Penicillium verruculosum Peyronel 1913

F-1137 <-- INMI, VKM F-1137 <- Kamyschko O.P. VIZR, 11a/10. Received as: *Penicillium proteolyticum*. Synonym *Penicillium proteolyticum* Kamyschko 1961 Type strain. (ATCC 18326; CBS 303.67). Ex: granite soil. Ukraine. Risk group: 4. (Medium [12](#), 25°C, F-1, S-4)

Penicillium vinaceum J.C. Gilman et E.V. Abbott 1927

F-459 <-- INMI, VKM F-459 <- National Research Center of Antibiotics, Moscow, Russia, RIA 22. Received as: *Penicillium vinaceum*. Ex: soil. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Penicillium vinaceum J.C. Gilman et E.V. Abbott 1927

F-1030 <-- INMI, VKM F-1030 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 21078-3346. Received as: *Penicillium vinaceum*. Ex: soil. Chernovtsy Region. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium vinaceum J.C. Gilman et E.V. Abbott 1927

F-2580 <-- IBPM, IBPM F-161 <- DMA MSU. Received as: *Penicillium vinaceum*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1)

Penicillium vinaceum J.C. Gilman et E.V. Abbott 1927

F-3022 <-- Mirchink T.G. DSB MSU, 471. Received as: *Penicillium vinaceum*. Ex: soil, ordinary chernozem. Krasnodar Territory. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([6766](#))

Penicillium vitale Pidoplichko 1961

F-3624 Ôype <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia. Received as: *Penicillium vitale*. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([3885](#), [3903](#), [3906](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-256 <-- INMI, VKM F-256 <- CMI, IMI 71357. Received as: *Penicillium claviforme*. Synonym: *Penicillium claviforme* Bainier 1905. (IMI 713557). Ex: partridge dung. England, Norfolk. UK. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1). ([3903](#), [3978](#), [4018](#), [4838](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-257 <-- INMI, VKM F-257 <- CMI, IMI 40237. Received as: *Penicillium claviforme*. Synonym *Penicillium claviforme* Bainier 1905 Neotype strain. (ATCC 10426; CBS 126.23; FRR 2031; IAM 13743; IMI 040237; JCM 22796; KCTC 6267; MUCL 38790; NRRL 2031; NRRL 22950). DNA sequences: AF506012; DQ339569; AF241467. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([8861](#), [891](#), [2763](#), [3885](#), [4018](#), [4654](#), [4655](#), [4656](#), [4657](#), [4658](#), [4838](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-258 <-- INMI, VKM F-258 <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 730. Received as: *Penicillium claviforme*. Synonym *Penicillium claviforme* Bainier 1905. Ex: tannin solution. St.-Petersburg. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4018](#), [4838](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-259 <-- INMI, VKM F-259 <- Pushkinskaya O.I. INMI, 8. Received as: *Penicillium claviforme*. Synonym *Penicillium claviforme* Bainier 1905. Ex: air. Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4018](#), [4838](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-260 <-- INMI, VKM F-260 <- Pushkinskaya O.I. INMI, 43. Received as: *Penicillium claviforme*. Synonym *Penicillium claviforme* Bainier 1905. Ex: soil. Voronezh Region. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([4018](#), [4838](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-1255 <-- INMI, VKM F-1255 <- Milko A.A., 334. Received as: *Penicillium claviforme*. Synonym *Penicillium claviforme* Bainier 1905. Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4018](#), [4838](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-2359 <-- IBPM, IBPM F-145 <- DMA MSU. Received as: *Penicillium claviforme*. Synonym *Penicillium claviforme* Bainier 1905. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([5436](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-2360 <-- IBPM, IBPM F-145-2 <- VIZR, 922. Received as: *Penicillium claviforme*. Synonym *Penicillium claviforme* Bainier 1905. Ex: *Malus domestica*, fruit. China. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([4018](#), [4838](#))

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-3492 <-- Soloviova T.F. IBPM <- Frisvad J.C. IBT, Lyngby, Denmark, IBT F-3227. Received as: *Penicillium vulpinum*. (IBT F-3227). Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1)

Penicillium vulpinum (Cooke et Masee 1888) Seifert et Samson 1985

F-4064 <-- Aleksandrova A.V. DMA MSU, 31. Received as: *Penicillium vulpinum*. Ex: *Clethrionomys glareolus*, fur on litter. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-4)

Penicillium waksmanii K.W. Zaleski 1927

F-460 <-- INMI, VKM F-460 <- National Research Center of Antibiotics, Moscow, Russia, RIA 37. Received as: *Penicillium waksmanii*. Ex: soil. Birch forest.

Moscow Region. Russia. Risk group: 4. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5). ([3046](#))

Penicillium waksmanii K.W. Zaleski 1927

F-682 <-- INMI, VKM F-682 <- Pushkinskaya. O.I. INMI, 38. Received as: *Penicillium waksmanii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3046](#), [4838](#))

Penicillium waksmanii K.W. Zaleski 1927

F-1022 <-- INMI, VKM F-1022 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20575-1329. Received as: *Penicillium waksmanii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3046](#), [4838](#))

Penicillium waksmanii K.W. Zaleski 1927

F-1027 <-- INMI, VKM F-1027 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20660-1808. Received as: *Penicillium waksmanii*. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5). ([3046](#), [4838](#))

Penicillium waksmanii K.W. Zaleski 1927

F-4431 <-- VKM IBPM, VKM FW-2875. Received as: *Penicillium waksmanii*. Ex: permafrost, hole 11/91, depth 31,30 m, age 100-120 thousand years. Kolyma Lowland, estuary of Bolshaya Chukochya River, Arctic. Russia. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([9105](#), [8829](#))

Penicillium westlingii K.W. Zaleski 1927

F-697 <-- INMI, VKM F-697 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 742. Received as: *Penicillium westlingii*. Ex: wheat flour. Kharkov. Ukraine. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1, S-5)

Penicillium zacinthae C. Ramirez et A.T. Martinez 1981

F-2200 Òype <-- Ramirez C. IJFM, IJFM 7232. Received as: *Penicillium zacinthae*. (CBS 178.81; IJFM 7232). Ex: *Zacintha verrucosa*, leaf. Spain. Risk group: 4. (Medium [12](#), 25°C, D-4, F-1). ([566](#), [2670](#), [2986](#), [6831](#))

Perenniporia medulla-panis (Jacquin 1778) Donk 1967

F-2403 <-- IBPM, IBPM F-83 <- DMA MSU. Received as: *Poria medulla-panis* (Jacquin 1778) Bresadola 1897. Synonym: *Poria medulla-panis* (Jacquin 1778) Bresadola 1897. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Periconia igniaria E.W. Mason et M.B. Ellis 1953

F-3995 <-- Aleksandrova A.V. DMA MSU, 24. Received as: *Periconia igniaria*. Ex: small mammal, fur on litter. Birch wood (age 10 year), Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5).

Periconia macrospinosa Lefebvre et Aar.G. Johnson 1949

F-863 <-- INMI, VKM F-863 <- Danilo Zabolotny Institute of Microbiology and

Virology National Academy of Sciences of Ukraine, Kiev, Ukraine.
Received as: *Periconia macrospinoso*. Ex: soil. Volyn Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Periconia macrospinoso Lefebvre et Aar.G. Johnson 1949

F-1026 <-- INMI, VKM F-1026 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 91168-4057. Received as: *Periconia macrospinoso*. Risk group: no. (Medium [13](#), 25°C, C-1, S-5)

Periconiella cocoos M.B. Ellis 1967

F-3761 <-- Ivanushkina N.E. VKM IBPM, VKM G-335 (P-1/1). Received as: *Periconiella cocoos*. Ex: soil. Central Africa. Risk group: no. (Medium [14](#), 25°C, C-8, F-1, S-5).

Pestalotia pezizoides de Notaris 1841

F-588 <-- INMI, VKM F-588 <- National Research Center of Antibiotics, Moscow, Russia, RIA 211. Received as: *Pestalotia sp.* Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5).

Pestalotia pezizoides de Notaris 1841

F-3265 <-- Ivanushkina N.E. VKM IBPM, h23/5. Received as: *Pestalotia pezizoides*. Ex: *Viola rossii*, leaf. Kedrovaya River, low stream, Kedrovaya Pad Nature Reserve, Far East. Primorsky Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([6710](#))

Pestalotiopsis guepinii (Desmazieres 1840) Steyaert 1949

F-3892 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-3. Received as: *Pestalotiopsis guepinii*. Ex: *Castanea saliva*, fruit. Zonguldak Province. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Pestalotiopsis guepinii (Desmazieres 1840) Steyaert 1949

F-3902 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-16. Received as: *Pestalotiopsis guepinii*. Ex: *Castanea saliva*, bark. Zonguldak Province, Kozcagiz. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Pestalotiopsis guepinii (Desmazieres 1840) Steyaert 1949

F-3903 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-18. Received as: *Pestalotiopsis guepinii*. Ex: *Castanea saliva*, bark. Bartin Province, Amasra. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Petriella setifera (Alf. Schmidt 1912) Curzi 1930

F-4046 <-- Aleksandrova A.V. DMA MSU, 54. Received as: *Petriella setifera*. Ex: *Sorex minutus*, fur on litter. Complexed fir-grove, Zabrovo line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [9](#), 25°C, F-1, S-4, S-5).

Petriella setifera (Alf. Schmidt 1912) Curzi 1930

F-4049 <-- Aleksandrova A.V. DMA MSU, 60. Received as: *Petriella setifera*. Ex:

Sorex caecutiens, fur on litter. Complexed fir-grove, Zabrovo line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-4, S-5)

Petriella sordida (Zukal 1890) G.L. Barron et J.C. Gilman 1961

F-2226 <-- Milko A.A. IBIW, 13L. Received as: *Petriella sordida*. Ex: water. Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Pezicula radiculicola (T. Kowalski et C. Bartnik 1995) P.R. Johnston 2014

F-4853 <-- VKM IBPM<- VKM IBPM FW-127. Received as: *Pezicula radiculicola*. Ex: *Elaeagnus pungens*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. DNA sequences: MT774097. Risk group: no. (Medium [11](#), 25°C, C-1, S-5).

Pezicula radiculicola (T. Kowalski et C. Bartnik 1995) P.R. Johnston 2014

F-4854 <-- VKM IBPM<- VKM IBPM FW-128. Received as: *Pezicula radiculicola*. Ex: *Elaeagnus pungens*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. DNA sequences: MT774098. Risk group: no. (Medium [11](#), 25°C, C-1, S-5)

Pezicula radiculicola (T. Kowalski et C. Bartnik 1995) P.R. Johnston 2014

F-4855 <-- VKM IBPM<- VKM IBPM FW-137. Received as: *Pezicula radiculicola*. Ex: *Myrica cerifera*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. DNA sequences: MT774099. Risk group: no. (Medium [11](#), 25°C, C-1, S-5)

Pezicula radiculicola (T. Kowalski et C. Bartnik 1995) P.R. Johnston 2014

F-4856 <-- VKM IBPM<- VKM IBPM FW-144. Received as: *Pezicula radiculicola*. Ex: *Myrica cerifera*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. DNA sequences: MT774100. Risk group: no. (Medium [11](#), 25°C, C-1, S-5)

Pezicula radiculicola (T. Kowalski et C. Bartnik 1995) P.R. Johnston 2014

F-4857 <-- VKM IBPM<- VKM IBPM FW-266. Received as: *Pezicula radiculicola*. Ex: *Coriaria myrtifolia*. Sukhumi Botanical Garden. Sukhumi. Abkhazia. DNA sequences: MT774101. Risk group: no. (Medium [11](#), 25°C, C-1, S-5)

Phaeoisaria triseptata Holubova-Jechova 1988

F-3653 <-- Melnik V.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 2/2. Received as: *Phaeoisaria triseptata*. (LE 207816). Ex: unknown tree, bark. Luquillo Experimental Forest. near San Juan. Puerto Rico. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([3990](#))

***Phaeosphaeria* sp.**

F-4755 <-- VKM IBPM, VKM FW-3272. Received as: *Phaeosphaeria* sp. Ex: soil from a location near an incinerator that operates on diesel fuel, Druzhnaya-4 Station, soil pit LA56-Dr-01 (inc), depth 0–0,05 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF120205. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Phallus hadriani Ventenat 1798

F-3085 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0842. Received as: *Phallus hadriani* Ventenat 1798. (IBK F- 1717; LEBIN 0842). Ex: soil. Yurmala. Latvia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Phallus impudicus Linnaeus 1753

F-3239 <-- Semashko A.Yu. A.N. Severtsov Institute of Ecology and Evolution, Moscow, Russia. Received as: *Phallus impudicus* Linnaeus 1753. Ex: fruitbody. Malinky Biogeocoenological Station of A.N. Severtsov Institute of Ecology and Evolution RAS. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Phallus impudicus Linnaeus 1753

F-3266 <-- Semashko A.Yu. A.N. Severtsov Institute of Ecology and Evolution, Moscow, Russia. Received as: *Phallus impudicus* Linnaeus 1753. Ex: fruitbody. Malinky Biogeocoenological Station of A.N. Severtsov Institute of Ecology and Evolution RAS. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Phallus impudicus Linnaeus 1753 var. *togatus* (Kalchbrenner 1883) Costantin et L.M. Dufour 1895

F-3075 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-34. Received as: *Dictyophora duplicata* (Bosc 1811) E. Fischer 1888. Synonym *Dictyophora duplicata* (Bosc 1811) E. Fischer 1888. Ex: soil. Oak planting. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [9](#), 25°C, S-4, S-5)

Phellinus igniarius (Linnaeus 1753) Quelet 1886

F-386 <-- INMI, VKM F-386 <- A.N. Bach Institute of Biochemistry RAS, Moscow, Russia. Received as: *Phellinus igniarius* (Linnaeus 1753) Quelet 1886. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Phellinus igniarius (Linnaeus 1753) Quelet 1886

F-1083 <-- INMI, VKM F-1083 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia, 114. Received as: *Fomes igniarius* (Linnaeus 1753) Gillet 1878. Synonym *Fomes igniarius* (Linnaeus 1753) Gillet 1878. Ex: fruitbody on *Populus tremula*. Novgorod Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Phellinus lundellii Niemelae 1972

F-1972 <-- INMI, VKM F-1972 <- Botanical museum, University of Helsinki, Finland, 323. Received as: *Phellinus lundellii* Niemelae 1972. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Phellinus lundellii Niemelae 1972

F-1973 <-- INMI, VKM F-1973 <- Botanical museum, University of Helsinki, Finland, 362. Received as: *Phellinus lundellii* Niemelae 1972. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Phellinus lundellii Niemelae 1972

F-1974 Òype <-- INMI, VKM F-1974 <- Botanical museum, University of Helsinki, Finland, 419. Received as: *Phellinus lundellii* Niemelae 1972. (CBS 540.72). Ex: fungus, fruitbody on *Betula* **sp.**, decaying stump. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Phellinus populicola Niemelae 1975

F-1975 <-- INMI, VKM F-1975 <- Botanical museum, University of Helsinki, Finland, 346. Received as: *Phellinus populicola* Niemelae 1975. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Phellinus populicola Niemelae 1975

F-1976 <-- INMI, VKM F-1976 <- Botanical museum, University of Helsinki, Finland, 354. Received as: *Phellinus populicola* Niemelae 1975. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Phellinus populicola Niemelae 1975

F-1977 Òype <-- INMI, VKM F-1977 <- Botanical museum, University of Helsinki, Finland, 526. Received as: *Phellinus populicola* Niemelae 1975. (ATCC 36122; CBS 638.75). Ex: fruitbody on *Populus* **sp.** Finland. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([630](#))

Phialophora atrovirens (J.F.H. Beyma 1935) Schol-Schwarz 1970

F-161 Òype <-- INMI, VKM F-161 <- CBS, CBS 272.34. Received as: *Margarinomyces atrovirens*. Synonym: *Margarinomyces atrovirens* van Beyma 1935 Type strain. (ATCC 42790; CBS 272.34). Ex: margarine. Netherlands. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([599](#), [5134](#))

Phialophora bubakii (Laxa 1930) Schol-Schwarz 1970

F-162 Òype <-- INMI, VKM F-162 <- CBS, CBS 198.30. Received as: *Margarinomyces bubakii*. Synonym: *Margarinomyces bubakii* Laxa 1930 Type strain. (CBS 198.30; IMI 24000; NCTC 3273). Ex: margarine. Prague. Czech Republic. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([599](#), [5134](#))

Phialophora bubakii (Laxa 1930) Schol-Schwarz 1970

F-2557 <-- Abyzov S.S. INMI, 25-6ms. Received as: *Phialophora bubakii*. Ex: glacier thickness, depth 315 m, age 12000 year. Central Antarctica. Risk group: 4. (Medium [13](#), 25°C, C-1, F-1, S-5). ([604](#))

Phialophora lagerbergii (Melin et Nannfeldt 1934) Conant 1937

F-795 <-- INMI, VKM F-795 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 16-89. Received as: *Phialophora lagerbergii*. Ex: peat. Zhitomir Region. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-5, C-7, F-1, S-5)

***Phialophora* sp.**

F-3856 <-- Aleksandrova A.V. DMA MSU, Dm23. Received as: *Phialophora botulispora*. Ex: wood, *Pinus* **sp.** Lichen covered spruce log, forest, Volga River, right bank. Tver Region, Zubtsov District, near Shishkino. Russia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Phialophora verrucosa Medlar 1915

F-1990 <-- INMI, VKM F-1990 <- Mirchink T.G. DSB MSU, 314. Received as: *Phialophora verrucosa*. Ex: litter. Fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5134](#))

Phlebia albida H. Post 1863

F-3486 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-507 <- Sweden. Received as: *Phlebia albida* Fries 1863. Synonym: *Basidioradulum tuberculatum* (Berkeley et M.A. Curtis 1849) Hjortstam 1995. (VKPM F-507). Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Phlebia rufa (Persoon 1801) M.P. Christiansen 1960

F-3475 <-- Lavrova L.N. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia, VKPM F-508 <- Sieneokii S.P. State Research Institute of Genetics and Selection of Industrial Microorganisms, Moscow, Russia <- Sweden. Received as: *Phlebia rufa* (Persoon 1801) M.P. Christiansen 1960. (VKPM F-508). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Phlebiopsis gigantea (Fries 1815) Juelich 1978

F-1457 <-- INMI, VKM F-1457 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Peniophora gigantea* (Fries 1815) Masee 1892. Synonym: *Peniophora gigantea* (Fries 1815) Masee 1892. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Phlebiopsis gigantea (Fries 1815) Juelich 1978

F-1471 <-- INMI, VKM F-1471 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia, 16. Received as: *Peniophora gigantea* (Fries 1815) Masee 1892. Synonym *Peniophora gigantea* (Fries 1815) Masee 1892. Ex: *Pinus* **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Phlebiopsis gigantea (Fries 1815) Juelich 1978

F-4641 <-- Grum-Grzhimaylo O.A. BBS MSU, 189. Ex: surface sludge, depth from lake surface 1,1 m. Fresh-marine lake, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JX507707 (ITS), JX507708 (LSU). Risk group: no. (Medium [11](#), 18°C, C-11, S-4, S-5)

Pholiota adiposa (Batsch 1786) P. Kummer 1871

F-707 <-- INMI, VKM F-707 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Pholiota adiposa* (Batsch 1786) P. Kummer 1871. Ex: fruitbody on *Fagus* **sp.** Beech stump. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Pholiota aurivella (Batsch 1786) P. Kummer 1871

F-3601 <-- Eremina S.S. VKM IBPM, 7b. Received as: *Pholiota aurivella* (Batsch

1786) P. Kummer 1871. Ex: fruitbody. Mixed fprest, Protected Area Verkh-Kvazhva. Perm Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-5)

Pholiota microspora (Berkeley 1850) Saccardo 1887

F-2000 <-- INMI, VKM F-2000 <- Mori Mushroom Research Institute, Japan, a. Received as: *Pholiota nameko* (T. Ito 1929) S. Ito et S. Imai 1933. Synonym: *Pholiota nameko* (T. Ito 1929) S. Ito et S. Imai 1933. (IBK F-105). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4225](#))

Phoma herbarum Westendorp 1852

F-4270 <-- Ivanushkina N.E. VKM IBPM, VKM FW-3192. Received as: *Phoma herbarum*. Ex: soil, Novolazarevskaya Station, soil pit FDG-09-03, depth 0–0,05 m. Schirmacher Oasis, Antarctica. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5).

Phoma herbarum Westendorp 1852

F-4271 <-- Ivanushkina N.E. VKM IBPM, VKM FW-3199. Received as: *Phoma herbarum*. Ex: soil, Novolazarevskaya Station, soil pit FDG-09-03, B, depth 0,02–0,06 m. Schirmacher Oasis, Antarctica. Risk group: 4. (Medium [14](#), 25°C, C-8, F-1, S-5)

Phoma herbarum Westendorp 1852

F-4331 <-- Aleksandrova A.V. DMA MSU, S 500. Received as: *Phoma herbarum*. Ex: coniferous litter (5-7 cm). Dark coniferous mountain taiga (*Pinus sibirica*, *Abeas sibirica*), flat top of the knoll, Sanste hole. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Phoma herbarum Westendorp 1852

F-4547 <-- VKM IBPM, VKM FW-3206. Received as: *Phoma herbarum*. Ex: soil, Observatory Mirny, soil pit LA55 Mr-01 mb, depth 0–0,01 m. Queen Mary Land, Antarctica. DNA sequences: JN835191. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5790](#))

Phoma herbarum Westendorp 1852

F-4757 <-- VKM IBPM, VKM FW-3290. Received as: *Phoma herbarum*. Ex: soil from uppermost organomineral horizon (a thin moss cushion), Molodezhnaya Station, soil pit LA56-MI-03, depth 0,02–0,05 m. Thala Hills Oasis, Enderby Land, Antarctica. Risk group: 4. (Medium [9](#), 25°C, C-8, F-1, S-5)

Phoma leveillei Boerema et G.J. Bollen 1975

F-3706 <-- Vorobeva E.A. DSB MSU, 11. Received as: *Phoma leveillei*. Ex: permafrost, hole 4/95, depth 4,53-4,58 m, age 30 thousand years. Miers Valley, Antarctica. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Phoma lingam (Tode 1791) Desmazieres 1849

F-3506 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, K-1. Received as: *Phoma medicaginis*. Ex: water. Kuibyshev

Reservoir. Republic of Tatarstan, Atabaevo. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Phoma lingam (Tode 1791) Desmazieres 1849

F-3509 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, K-5. Received as: *Phoma herbarum*. Ex: water. Kuibyshev Reservoir. Kazan. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Phoma lingam (Tode 1791) Desmazieres 1849

F-3513 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, LV-10. Received as: *Phoma herbarum*. Ex: water. Vasilievsky Lakes. Tolyatti. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Phoma lingam (Tode 1791) Desmazieres 1849

F-3514 <-- Semenova T.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, P-16. Received as: *Phoma exigua*. Ex: water. Kuibyshev Reservoir, Priplotinnyj Reach. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

***Phomatospora* sp.**

F-2215 <-- Milko A.A. IBIW, 4449. Received as: *Phomatospora* sp. Ex: water. Pleshcheevo Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 35°C, C-1, F-1, S-4, S-5).

Phomopsis amygdali (Delacroix 1905) J.J. Tuset et M.T. Portilla 1989

F-4503 <-- CBS, CBS 174.28. Received as: *Phomopsis amygdali*. (CBS 174.28). Italy. Risk group: no. (Medium [13](#), 25°C, C-11, S-5).

Phomopsis amygdali (Delacroix 1905) J.J. Tuset et M.T. Portilla 1989

F-4504 <-- CBS, CBS 239.62. Received as: *Phomopsis amygdali*. (CBS 239.62). Ex: *Prunus persica*. Gironde. France. Risk group: no. (Medium [13](#), 25°C, C-11, S-5)

Phomopsis amygdali (Delacroix 1905) J.J. Tuset et M.T. Portilla 1989

F-4505 <-- CBS, CBS 428.64. Received as: *Phomopsis amygdali*. (CBS 428.64). Ex: *Prunus persica*. Gironde. France. Risk group: no. (Medium [13](#), 25°C, C-8, C-11, S-5)

Phomopsis castanea (Saccardo 1879) Petrak 1921

F-3893 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-1. Received as: *Phomopsis castanea*. Ex: *Castanea saliva*, fruit. Zonguldak Province. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Phomopsis castaneae Moriondo 1963

F-3898 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-5. Received as: *Phomopsis castaneae*. Ex: *Castanea saliva*, living plant shoot. Zonguldak Province. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Phomopsis helianthi Muntanola-Cvetcovic et al. 1981

F-3408 <-- Yakutkin V.I. VIZR. Received as: *Phomopsis helianthi*. Ex: *Helianthus annuus*, stem. Republic of Moldova. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Phycomyces blakesleeanus Burgeff 1925

F-388 <-- INMI, VKM F-388 <- Kofanova N.D. INMI. Received as: *Phycomyces blakesleeanus*. MT-. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1365](#), [2215](#))

Phycomyces blakesleeanus Burgeff 1925

F-389 <-- INMI, VKM F-389 <- Kofanova N.D. INMI. Received as: *Phycomyces blakesleeanus*. MT+. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1365](#), [2215](#))

Phycomyces blakesleeanus Burgeff 1925

F-828 <-- INMI, VKM F-828 <- MW. Received as: *Phycomyces blakesleeanus*. MT-. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, C-7, D-4, F-1, S-5). ([8090](#), [1365](#), [5134](#), [5378](#), [5604](#), [8253](#))

Phycomyces blakesleeanus Burgeff 1925

F-829 <-- INMI, VKM F-829 <- MW. Received as: *Phycomyces blakesleeanus*. MT+. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([1365](#))

Phycomyces blakesleeanus Burgeff 1925

F-3639 <-- Spain <- NRRL 1554. Received as: *Phycomyces blakesleeanus*. MT+. (ATCC 8743 a; BCRC 30572; CDBB 687; IFO 5823; IFO 5870; IMAB M-46-8a; NBRC 5823; NBRC 5870; NRRL 1554). Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Phycomyces blakesleeanus Burgeff 1925

F-3640 <-- Spain <- NRRL 1555. Received as: *Phycomyces blakesleeanus*. MT-. (ATCC 8743 b; BCRC 30573; CDBB 528; DAOM 195102; DSM 1359; IFO 5871; IFO 5822; IMAB M-46-8b; FGSC 10004; MUCL 19348; NBRC 5822; NBRC 5871; NCIM 978; NRRL 1555). Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Phycomyces blakesleeanus Burgeff 1925

F-3641 <-- Spain <- NRRL 6737. Received as: *Phycomyces blakesleeanus*. MT-. (NRRL 6737). Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Phycomyces blakesleeanus Burgeff 1925

F-3642 <-- Spain <- NRRL 6740. Received as: *Phycomyces blakesleeanus*. MT-. (NRRL 6740). Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Phycomyces nitens (C. Agardh 1823) Kunze 1823

F-390 <-- INMI, VKM F-390 <- Eroshin V.K. IBPM <- IFO, IFO 5694. Received as: *Phycomyces nitens*. MT+. Other name: *Phycomyces theobromatus* Burgeff 1925. (CBS 148.24; IFO 5694; NBRC 5694; NRRL 2453). Germany. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, F-1, S-5). ([1365](#))

Phycomyces nitens (C. Agardh 1823) Kunze 1823

F-391 <-- INMI, VKM F-391 <- Eroshin V.K. IBPM <- IFO, IFO 5695. Received as: *Phycomyces nitens*. MT-. Other name: *Phycomyces theobromatus* Burgeff 1925. (BCRC 33120; CBS 149.24; IFO 5695; NRRL 1469; NBRC

5695; VTT D-99738). Germany. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#))

Phyllosticta castaneae Ellis et Everhart 1894

F-3900 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-8. Received as: *Phyllosticta castaneae*. Ex: *Castanea saliva*, infected leaf. Forestry Gunye. Bartin Province. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Phytophthora cactorum (Lebert et Cohn 1870) J. Schroeter 1886

F-985 <-- INMI, VKM F-985 <- Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Phytophthora cactorum*. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5). ([9107](#), [2232](#))

Phytophthora cambivora (Petri 1917) Buisman 1927

F-1810 <-- INMI, VKM F-1810 <- CMI, IMI 77374. Received as: *Phytophthora cambivora*. (IMI 077374). Ex: *Castanea saliva*. France. Risk group: no. (Medium [13](#), 25°C, C-5, S-4, S-5)

Phytophthora cryptogea Pethybridge et Lafferty 1919

F-3153 Authentic strain <-- Coffey M. Department of Plant Pathology, Riverside, California, USA, P-3096. Received as: *Phytophthora cryptogea*. (ATCC 56962; CBS 113.19; IMI 180615). Ex: *Lycopersicon esculentum*, fruit surface. Ireland. Risk group: no. (Medium [13](#), 25°C, S-4, S-5)

Phytophthora drechsleri Tucker 1931

F-3149 <-- Coffey M. Department of Plant Pathology, Riverside, California, USA, P-1741. Received as: *Phytophthora drechsleri*. (CBS 359.52; IFO 31154; MI 40500). Ex: *Solanum tuberosum*. Argentina. Risk group: no. (Medium [13](#), 25°C, C-11, C-12, S-4, S-5)

Phytophthora megasperma Drechsler 1931

F-4785 <-- VKPM, VKPM F-1098 <- DSMZ, DSM 63697. Received as: *Phytophthora megasperma*. (DSM 63697; VKPM F-1098). Risk group: no. (Medium [13](#), 25°C, C-11, S-4, S-5)

***Phytophthora* sp.**

F-1192 <-- INMI, VKM F-1192 <- EAN, 143(222). Received as: *Phytophthora parasitica* var. *macrospora*. Risk group: no. (Medium [13](#), 25°C, C-5, C-12, S-4, S-5)

Pidoplitchkoviella terricola Kirilenko 1975

F-2016 Type <-- INMI, VKM F-2016 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 55848. Received as: *Pidoplitchkoviella terricola*. (CBS 180.77; IMI 208564). Ex: soil. Oak planting. Kiev Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([610](#))

Piedraia hortae Fonseca et Leao 1928

F-392 <-- INMI, VKM F-392 <- CBS, CBS 274.32. Received as: *Piedraia hortae*.

Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Piedraia hortae Fonseca et Leao 1928 var. *paraguayensis* Fonseca et Leao 1928

F-393 <-- INMI, VKM F-393 <- CBS, CBS 276.32 <- R.Ciferri. Received as: *Piedraia hortae* var. *paraguayensis*. (CBS 276.32). Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Piedraia sarmentoi M.J. Pereira 1930

F-395 <-- INMI, VKM F-395 <- CBS, CBS 239.30 <- LCP. Received as: *Piedraia sarmentoi*. (CBS 239.30). Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([6323](#))

Pilaira anomala (Cesati 1851) J. Schroeter 1886

F-1322 <-- INMI, VKM F-1322 <- CBS, CBS 131.23. Received as: *Pilaira anomala*. (CBS 131.23). Risk group: no. (Medium [9](#), 20°C, C-7, C-13, F-1, S-5). ([1365](#), [4028](#))

Pilaira caucasica Milko 1970

F-1246 Type <-- INMI, VKM F-1246 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 6. Received as: *Pilaira caucasica*. (ATCC 18733; CBS 523.68; IMI 134107; NRRL 6282). Ex: field-mouse dung. near Kafan. Armenia. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, C-7, F-1, S-5). ([71](#), [1365](#), [4028](#))

Pilaira moreaui Y. Ling 1926

F-1323 <-- INMI, VKM F-1323 <- CBS, CBS 181.26. Received as: *Pilaira moreaui*. (CBS 181.26; IMI 109389; NRRL 6283). France. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([1365](#))

Piptoporus betulinus (Bulliard 1788) P. Karsten 1881

F-719 <-- INMI, VKM F-719 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Polyporus betulinus* (Bulliard 1786) Fries 1815. Synonym: *Polyporus betulinus* (Bulliard 1786) Fries 1815. Ex: fruitbody on *Betula* **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Piptoporus betulinus (Bulliard 1788) P. Karsten 1881

F-3225 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 66. Received as: *Piptoporus betulinus* (Bulliard 1788) P. Karsten 1881. Ex: fruitbody. North Kazakhstan. Kazakhstan. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Pirella circinans Bainier 1882

F-1049 <-- INMI, VKM F-1049 <- CBS. Received as: *Pirella circinans*. Synonym: *Circinella circinans* (Bainier 1882) Milko 1968. MT-. Risk group: no. (Medium [11](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([146](#), [408](#), [1365](#))

Pirella circinans Bainier 1882 var. *volgogradensis* (Milko 1974) Benny et Schipper 1988

F-1722 Type <-- INMI, VKM F-1722 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine. Received as: *Circinella circinans* var. *volgogradensis*. Synonym *Circinella circinans* (Bainier 1882) Milko 1968 var. *volgogradensis* Milko 1974. (BCRC 33084; CBS 590.88; RSA 2566). Ex: gopher dung. Volgograd Region, Kamyshin. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#), [4028](#), [6840](#))

Pirella naumovii (Milko 1970) Benny et Schipper 1992

F-1250 Type <-- INMI, VKM F-1250 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2. Received as: *Circinella naumovii*. Synonym: *Circinella naumovii* Milko 1970. (ATCC 18731; CBS 524.68; IMI 133977; NCRC 33080; NRRL 5846). Ex: mouse dung. near Kafan. Armenia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([408](#), [1365](#), [2232](#), [4028](#))

Pithoascus schumacheri (E.C. Hansen 1877) Arx 1973

F-4047 <-- Aleksandrova A.V. DMA MSU, 52. Received as: *Pithoascus schumacheri*. Ex: Sorex caecutiens, fur on litter. Bilberry pine forest, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1).

Pleomonodictys capensis (R.C. Sinclair et al. 1996) Hernandez-Restrepo et al. 2017

F-4506 <-- Tanaka K., Faculty of Agriculture and Life Sciences, Hirosaki University, Japan, HR 1. Received as: *Monodictys capensis*. Synonym: *Monodictys capensis* R.C. Sinclair, Boshoff et Eicker 1996. Ex: Padus avium, dead wood. Botanical Garden of Komarov Botanical Institute RAS. St.-Petersburg. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([7464](#))

Pleotrichocladium opacum (Corda 1837) Hernandez-Restrepo et al. 2017

F-1574 <-- INMI, VKM F-1574 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51891. Received as: *Trichocladium asperum*. Synonym: *Trichocladium opacum* (Corda 1837) S. Hughes 1952. Ex: soil. Zhitomir Region, Korosten. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Pleotrichocladium opacum (Corda 1837) Hernandez-Restrepo et al. 2017

F-3559 <-- Egorova A.V. DMA MSU, MSU-30. Received as: *Trichocladium opacum*. Synonym *Trichocladium opacum* (Corda 1837) S. Hughes 1952. Ex: volcanic ash soil. High grass, caldera, Uzon Volcano, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6766](#), [8258](#))

Pleotrichocladium opacum (Corda 1837) Hernandez-Restrepo et al. 2017

F-3841 <-- Aleksandrova A.V. DMA MSU, Dm31. Received as: *Trichocladium opacum*. Synonym *Trichocladium opacum* (Corda 1837) S. Hughes 1952. Ex: podzolic soil, A1 horizon. Deadcovering fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Pleurophoma cava (Schulzer 1871) Boerema 1996

F-1893 <-- INMI, VKM F-1893 <- Milko A.A. IBIW, 1557. Received as: *Phoma cava*. Synonym: *Phoma cava* Schulzer 1871. Ex: water. Volga River. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Pleurophoma cava (Schulzer 1871) Boerema 1996

F-1894 <-- INMI, VKM F-1894 <- Milko A.A. IBIW, 1795. Received as: *Phoma cava*. Synonym *Phoma cava* Schulzer 1871. Ex: water. Volga River. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Pleurophoma cava (Schulzer 1871) Boerema 1996

F-1895 <-- INMI, VKM F-1895 <- Milko A.A. IBIW, 1710. Received as: *Phoma cava*. Synonym *Phoma cava* Schulzer 1871. Ex: water. Volga River. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([3039](#))

Pleurotus cornucopiae (Paulet 1793) Rolland 1910

F-1979 <-- INMI, VKM F-1979 <- NILOS, 127. Received as: *Pleurotus cornucopiae* (Paulet 1793) Rolland 1910. (IBK F-106). Ex: fruitbody on *Ulmus sp.* USSR. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([6766](#), [8258](#))

Pleurotus eryngii (De Candolle 1815) Quelet 1872

F-2402 <-- IBPM, IBPM F-87 <- DMA MSU. Received as: *Pleurotus eryngii* (De Candolle 1815) Quelet 1872. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([6766](#), [8258](#))

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-721 <-- INMI, VKM F-721 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on *Fagus sp.* Zakarpattya Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-1659 <-- INMI, VKM F-1659 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-107). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-1997 <-- INMI, VKM F-1997 <- Mori Mushroom Research Institute, Japan. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-108). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([8062](#))

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-2008 <-- INMI, VKM F-2008 <- NILOS, 223. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-147). Ex: fungus, fruitbody on decaying *Fagus sp.* USSR. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-2466 <-- M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-483. Received as: *Pleurotus ostreatus*

(Jacquin 1774) P. Kummer 1871. (IBK F-483). Ex: fruitbody on *Populus* sp. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([3077](#))

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-2467 <-- M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-515. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-515). Ex: fruitbody on *Populus* sp. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([3077](#))

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-2468 <-- M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-525. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-525). Ex: fruitbody on *Acer negundo*. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([3078](#))

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3417 <-- Bulakh E.M. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: soil under ginseng with sawdust. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3445 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-69. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-69). Ex: fruitbody. near Gomel. Belarus. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3446 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-91. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-91). Ex: fruitbody. Deciduous forest. Kiev, Feofania. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3447 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-92. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-92). Ex: fruitbody. Goloseevsky park. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3448 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-93 <-Lozovoi V.D., 467, Sochi <-- Germany. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-93). Germany. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3449 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-94 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-94). Ex: fruitbody. near St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3450 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-132. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-132). Ex: fruitbody on *Fagus sylvatica*. Zakarpattya Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3451 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-133 <- Vetter J. Department of Botany, University of Veterinary Sciences, Budapest, Hungary, strain OLAZ-5. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-133). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3452 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-134 <- Research Institute of Forestry, 1978, Gomel', Byelarus. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-134). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3453 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-161 <- Vetter J. Department of Botany, University of Veterinary Sciences, Budapest, Hungary, strain 7-7-1. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-161). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3454 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-162 <- Vetter J. Department of Botany, University of Veterinary Sciences, 7-2-1. Budapest, Hungary. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-162). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3455 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-163 <-Lozovoi V.D., Sochi, 37, 1980. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-163). Ex: fruitbody. Risk group: no. (Medium [9](#),

25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3456 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-164 <- Vetter J. Department of Botany, University of Veterinary Sciences, 7-1-6, Budapest, Hungary, 1978. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-164). Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3457 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-169. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-169). Ex: fruitbody on deciduous tree stub. N.N. Grishko National Botanical Garden. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3458 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-170. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-170). Ex: fruitbody. Forest. Kiev, Feofania. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-12, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3459 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-171. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-171). Ex: fruitbody on *Quercus robur*. Kiev Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3460 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-180. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-180). Ex: fruitbody on *Betula pendula*. Kiev Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3461 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-192 <- Semerdzhieva M. CCBAS, CCBAS 472. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-192; CCBAS 472). Ex: fruitbody on wood. Bohemia. Czech Republic. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3462 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-198. Received as:

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871. (IBK F-198). Ex: fruitbody. Goloseevsky park. Kiev. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3463 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-102. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-102). Ex: fruitbody on poplar stub. Zhitomir Region, Radomyshl District, Vyshevichi. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3464 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-110. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-110). Ex: fruitbody on *Fagus* **sp.** Zakarpattya Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3465 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-297. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-297). Ex: fruitbody on *Picea* **sp.** near Krasnoyarsk. Russia. Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3466 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-237 <- Semerdzhieva M. CCBAS, CCBAS 474 <- Torev A., Plovdiv, Bulgaria. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-237; CCBAS 474). Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3467 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-Don-103. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-Don-103). Risk group: no. (Medium [9](#), 25°C, C-8, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3468 <-- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine, IBK F-Don-112. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. (IBK F-Don-112). Risk group: no. (Medium [9](#), 25°C, S-4). ([6766](#), [8258](#))

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3584 <-- Terekhova V.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, T-4. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on dried *Populus tremula*. near Tolyatti. Russia. Risk group: no. (Medium [9](#), 25°C, S-4, S-5). ([4225](#))

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3585 <-- Terekhova V.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, T-8. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on dried *Populus tremula*. near Tolyatti. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3586 <-- Terekhova V.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, T-9. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on dried *Populus tremula*. near Tolyatti. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3587 <-- Terekhova V.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, T-9a. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on dried *Populus tremula*. near Tolyatti. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3588 <-- Terekhova V.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, T-10. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on dried *Populus tremula*. near Tolyatti. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3589 <-- Terekhova V.A. Institute of Ecology of the Volga River RAS, Tolyatti, Russia, T-12. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on dried *Populus tremula*. near Tolyatti. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-3685 <-- Eremina S.S. VKM IBPM <- Yashina S.G., Shabaeva E.V. Institute of Cell Biophysics RAS, Pushchino, Moscow Region, Russia, G-27. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Ex: fruitbody on *Populus tremula*. Mixed forest, Prioksko-Terrasny Nature Biosphere Reserve named after Mikhail Zablotsky. Moscow Region, Serpukhov District. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871

F-4092 . Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871. Risk group: no. (Medium [9](#), 25°C, C-11, S-5)

Pleurotus ostreatus (Jacquin 1774) P. Kummer 1871 var. *florida* Cetto 1987

F-3672 <-- Mazurin I.G. - The individual businessman, Pushchino, Moscow Region, Russia, SC-160 <- USA. Received as: *Pleurotus ostreatus* (Jacquin 1774) P. Kummer 1871 variant *florida* Cetto 1987. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5)

Pleurotus pulmonarius (Fries 1821) Quelet 1872

F-2006 <-- INMI, VKM F-2006 <- NILOS, 105. Received as: *Pleurotus pulmonarius*

(Fries 1821) Quelet 1872. (IBK F-111). Ex: fruitbody on *Fagus* **sp.** USSR.
Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([5203](#), [6563](#), [6591](#))

Pleurotus pulmonarius (Fries 1821) Quelet 1872

F-2007 <-- INMI, VKM F-2007 <- NILOS, 183. Received as: *Pleurotus pulmonarius* (Fries 1821) Quelet 1872. (IBK F-230). Ex: fruitbody on *Fagus* **sp.** USSR.
Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Pochonia bulbillosa (W. Gams et Malla 1988) Zare et W. Gams 2001

F-1461 <-- INMI, VKM F-1461 <- LWP, 121. Received as: *Cephalosporium curtipes*. Synonym: *Verticillium bulbillosum* W.Gams et Malla 1971. Russia.
Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#))

Pochonia bulbillosa (W. Gams et Malla 1988) Zare et W. Gams 2001

F-2828 <-- Rudakov O.L. INMI, VKM MF-454. Received as: *Verticillium bulbillosum*. Synonym *Verticillium bulbillosum* W.Gams et Malla 1971. (CBS 571.78 VKM F- 454). Ex: fungus, *Clitocybe subalutacea*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Pochonia bulbillosa (W. Gams et Malla 1988) Zare et W. Gams 2001

F-3544 <-- Egorova A.V., Velikanov L.L. DMA MSU, 18. Received as: *Verticillium cephalosporum*. Synonym *Verticillium cephalosporum* W. Gams 1971. Ex: volcanic ash soil. Mountainous meadow, Valley of Geysers, Kronotsky State Biosphere Reserve, Kamchatka Peninsula. Kamchatka Territory. Russia.
Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Pochonia chlamydosporia (Goddard 1913) Zare et W. Gams 2001

F-3825 <-- Aleksandrova A.V. DMA MSU. Received as: *Verticillium chlamydosporium* var. *chlamydosporium*. Synonym: *Verticillium chlamydosporium* Goddard 1913. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Pochonia suchlasporia (W. Gams et Dackman 1988) Zare et W. Gams 2001 var. *catenata* (W. Gams et Dackman 1988) Zare et W. Gams 2001

F-3996 <-- Aleksandrova A.V. DMA MSU, 34. Received as: *Pochonia suchlasporia catenata*. Ex: small mammal, fur on litter. Birch wood (age 10 year), Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Pochonia suchlasporia (W. Gams et Dackman 1988) Zare et W. Gams 2001 var. *catenata* (W. Gams et Dackman 1988) Zare et W. Gams 2001

F-4009 <-- Aleksandrova A.V. DMA MSU, 2. Received as: *Pochonia suchlasporia catenata*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Pochonia suchlasporia (W. Gams et Dackman 1988) Zare et W. Gams 2001 var. *catenata* (W. Gams et Dackman 1988) Zare et W. Gams 2001

F-4022 <-- Aleksandrova A.V. DMA MSU, 49. Received as: *Pochonia suchlasporia* var. *catenata*. Ex: wood, decaying fastening beam. Deserted quarry, Volga

River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Podospora tetraspora (G. Winter 1871) Cain 1962

F-4051 <-- Aleksandrova A.V. DMA MSU, 23. Received as: *Podospora tetraspora*. Ex: *Sorex araneus*, fur on litter. Forb meadow, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [9](#), 25°C, F-1, S-4, S-5).

Poitrasia circinans (H. Naganishi et N. Kawakami 1955) P.M. Kirk 1984

F-1048 Òype <-- INMI, VKM F-1048 <- CBS, CBS 153.58. Received as: *Choanephora circinans*. Synonym: *Choanephora circinans* (H. Naganishi et N. Kawakami 1955) Hesseltine et C.R. Benjamin 1957 Type strain. MT+. (ATCC 13016; CBS 153.58; IMI 78522; NRRL 2546). Ex: soil. Trinidad. Risk group: no. (Medium [9](#), 25°C, C-1, C-5, C-8, D-4, F-1, S-5). ([550](#), [1365](#), [2215](#))

Polycephalomyces tomentosus (Schrad. 1799) Seifert 1985

F-897 <-- INMI, VKM F-897 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 662. Received as: *Tilachlidium tomentosum*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5).

Polyporus ciliatus Fries 1815

F-4077 <-- Psurtzeva N.V. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 1601. Received as: *Polyporus ciliatus* Fries 1815. Ex: basidiospore, fruitbody on deciduous tree. National Valday Park. Novgorod Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-11).

Polyporus squamosus (W. Huds 1778) Fries 1821

F-4072 <-- Psurtzeva N.V. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 2233. Received as: *Polyporus squamosus* (W. Huds 1778) Fries 1821. Risk group: no. (Medium [9](#), 25°C, C-11, S-5)

Polyscytalum pustulans (M.N. Owen et Wakefield 1919) M.B. Ellis 1976

F-886 <-- INMI, VKM F-886 <- VIZR, 42. Received as: *Oospora pustulans*. Synonym: *Oospora pustulans* Owen et Wakefield 1919. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5).

Porodaedalea pini (Brotero 1804) Murrill 1905

F-3527 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0236. Received as: *Phellinus pini* (Brotero 1804) Bondartsev et Singer 1941. Synonym: *Phellinus pini* (Brotero 1804) Bondartsev et Singer 1941. (IBK F- 5088; LEBIN 0236). Ex: fruitbody on *Larix sp.* Khabarovsk Territory, Komsomolsk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Porodaedalea pini (Brotero 1804) Murrill 1905

F-4078 <-- Psurtzeva N.V. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 1055. Received as: *Phellinus pini* (Brotero 1804) Bondartsev et Singer 1941. Synonym *Phellinus pini* (Brotero 1804) Bondartsev et Singer 1941. Ex: fruitbody. Far East. Amursk Region. Russia.

Risk group: no. (Medium [9](#), 25°C, C-11)

Preussia fleischhakkii (Auerswald 1866) Cain 1961

F-1856 <-- INMI, VKM F-1856 <- Milko A.A., 615. Received as: *Preussia fleischhakkii*. Ex: water. Volga River. Borok. Russia. Risk group: no. (Medium [13](#), 25°C, D-4, F-1, S-5).

Protomyces macrosporus Unger 1834

F-2977 <-- Golubev V.I. VKM IBPM <- Oberwinkler F., Germany, FO 5646.01. Received as: *Protomyces macrosporus*. Risk group: no. (Medium [11](#), 25°C, C-8). ([3432](#), [7097](#))

Pseudallescheria boydii (Shear 1922) McGinnis et al. 1982

F-1474 <-- INMI, VKM F-1474 <- Bakay S.M. Ukrainian Research Institute of Experimental Veterinary Medicine, Kiev, Ukraine, 6-74. Received as: *Acremonium suis*. Synonym: *Allescheria boydii* Shear 1922, *Petriellidium boydii* (Shear 1922) Malloch 1970. (CBS 695.70; UAMH 3990). Ex: swine, nasal cavity. Kiev. Ukraine. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5).

Pseudallescheria boydii (Shear 1922) McGinnis et al. 1982

F-2453 <-- Milko A.A. IBIW, 761B. Received as: *Petriellidium aquaticum*. Synonym *Petriellidium boydii* (Shear 1922) Malloch 1970, *Petriellidium aquaticum* Milko. Ex: *Rutilus sp.*, contents of stomach. Kuibyshev Reservoir. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Pseudallescheria ellipsoidea (Arx et Fassatiöva 1973) McGinnis et al. 1982

F-1923 <-- INMI, VKM F-1923 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 63071. Received as: *Thielavia pallidospora*. Synonym: *Thielavia pallidospora* Pidoplichko et al. 1973 Type strain. (CBS 332.75; IMI 196526). Ex: coastal sand. Zaporozhye. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1, S-5)

Pseudeurotium bakeri C. Booth 1961

F-1258 Òype <-- INMI, VKM F-1258 <- CMI, IMI 73749. Received as: *Pseudeurotium bakeri*. (CBS 878.71; IMI 73749). Ex: *Platypus cylindrus* tunnels in *Quercus* forest. England. UK. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([5272](#), [6548](#))

Pseudeurotium desertorum Mouchacca 1971

F-1833 Òype <-- INMI, VKM F-1833 <- LCP, LCP 2113. Received as: *Pseudeurotium desertorum*. (ATCC 24535; CBS 986.72; IMI 171135; LCP 2113). Ex: desert soil. Western Desert, Oasis de Dakhla. Mut. Republic of Egypt. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5). ([4288](#), [5272](#))

Pseudeurotium hygrophilum (Sogonov et al. 2005) Minnis et D.L. Lindner 2013

F-4764 <-- VKM IBPM, VKM FW-3311. Received as: *Pseudeurotium hygrophilum*. Ex: soil from a constantly used tracked vehicle road rut near a diesel power station, Bellingshausen Station, soil pit LA57-BI-04 (1) (road), depth 0–0,05

m. King George Island, Antarctica. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5)

Pseudeurotium ovale Stolck 1955 var. *milkoii* Beliakova 1969

F-1100 Type <-- INMI, VKM F-1100 <- Milko A.A., M2194. Received as: Genus **sp.** (CBS 443.78). Ex: soil. Zhitomir Region. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-8, F-1, S-5)

Pseudeurotium ovale Stolck 1955 var. *ovale*

F-1221 <-- INMI, VKM F-1221 <- Gams W. CBS, C515. Received as: *Pseudeurotium ovale*. Ex: soil. Wheat field. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1, S-5)

Pseudeurotium zonatum J.F.H. Beyma 1937

F-792 <-- INMI, VKM F-792 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 62168. Received as: *Pseudeurotium zonatum*. Ex: water. Delta of Danube River. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-8, F-1, S-5)

Pseudeurotium zonatum J.F.H. Beyma 1937

F-1617 <-- INMI, VKM F-1617 <- Milko A.A., 4072. Received as: Genus **sp.** Ex: bog. Pine forest, the road Chernobyl-Ivankov. Kiev Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Pseudeurotium zonatum J.F.H. Beyma 1937

F-1618 <-- INMI, VKM F-1618 <- Milko A.A., 3944. Received as: Genus **sp.** Ex: bog. Cut clear forest. Zhitomir Region, Slavichansk District, Usovo. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-8, F-1, S-5)

Pseudeurotium zonatum J.F.H. Beyma 1937

F-1619 <-- INMI, VKM F-1619 <- Milko A.A., 3936. Received as: Genus **sp.** Ex: bog. Forest. Rovno Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, D-4, F-1, S-5)

Pseudeurotium zonatum J.F.H. Beyma 1937

F-1728 <-- INMI, VKM F-1728 <- Milko A.A., 4242. Received as: Genus **sp.** Ex: bog. Floodplain of Desna River, the road Chernigov-Kiev. near Chernigov. Ukraine. Risk group: no. (Medium [7](#), 25°C, D-4, F-1, S-5)

Pseudeurotium zonatum J.F.H. Beyma 1937

F-2054 <-- INMI, VKM F-2054 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4266. Received as: *Emericellopsis sp.* Ex: water. Estuary of Desna River. near Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5). ([8186](#))

Pseudeurotium zonatum J.F.H. Beyma 1937

F-4069 <-- Aleksandrova A.V. DMA MSU, 27. Received as: *Pseudeurotium zonatum*. Ex: *Sorex araneus*, fur on litter. Forb meadow, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no.

(Medium [9](#), 25°C, D-4, F-1, S-5)

Pseudogymnoascus caucasicus Cejp et Milko 1966

F-929 <-- INMI, VKM F-929 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 31. Received as: *Pseudogymnoascus caucasicus*. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5).

Pseudogymnoascus roseus Raillo 1929

F-1158 <-- INMI, VKM F-1158 <- DMA MSU. Received as: *Pseudogymnoascus roseus*. Ex: wood detritus in soil. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([6379](#))

Pseudogymnoascus roseus Raillo 1929

F-1564 <-- INMI, VKM F-1564 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 57112. Received as: *Pseudogymnoascus roseus*. Ex: soil. Hornbeam planting, Chernolesky Forestry. Kirovograd Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Pseudogymnoascus sp.

F-1169 <-- INMI, VKM F-1169 <- Mirchink T.G. DSB MSU. Received as: *Pseudogymnoascus sp.* Ex: soil. Guinea. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Puccinia adoxae R. Hedwig 1805

F-2978 <-- Oberwinkler F., Germany, FO 28247.01. Received as: *Puccinia albescens* Greville 1889. Synonym: *Puccinia albescens* Greville 1889. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Puccinia punctiformis (F. Strauss 1811) Roehling 1813

F-2980 <-- Oberwinkler F., Germany, FO 33446.bl. Received as: *Puccinia suaveolens* (Persoon 1801) Rostrup 1874. Synonym: *Puccinia suaveolens* (Persoon 1801) Rostrup 1874. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5)

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-221 <-- INMI, VKM F-221 <- IOC, IOC 1749. Received as: *Paecilomyces variotii* Bainier 1907. Synonym: *Paecilomyces lilacinus* (Thom 1910) Samson 1974. Other name: *Paecilomyces variotii* Bainier 1907. (IOC 1749). Brazil. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1812](#))

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-302 <-- INMI, VKM F-302 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 247. Received as: *Penicillium lilacinum*. Synonym *Penicillium lilacinum* Thom 1910, *Paecilomyces lilacinus* (Thom 1910) Samson 1974. Ex: ill man, serous fluid. Kharkov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-408 <-- INMI, VKM F-408 <- Sizova T.P. DMA MSU. Received as: Scopulariopsis rubellus Bainier 1907. Synonym Paecilomyces lilacinus (Thom 1910) Samson 1974. Other name: Scopulariopsis rubellus Bainier 1907. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5134](#))

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-1289 <-- INMI, VKM F-1289 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1813. Received as: Penicillium lilacinum. Synonym Penicillium lilacinum Thom 1910, Paecilomyces lilacinus (Thom 1910) Samson 1974. Ex: soil. Chernovtsy Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-1960 <-- INMI, VKM F-1960 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 3. Received as: Paecilomyces variotii. Synonym Paecilomyces lilacinus (Thom 1910) Samson 1974. Other name: Paecilomyces variotii Bainier 1907. Ex: aviation fuel RT with anti-crystallization additives I-0.2%. Adjara, Batumi. Georgia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1)

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-2523 <-- Department of Identification and Arbitration Examinations, Research Technological Institute for Plant Quarantine Ministry of Agriculture, Moscow, Russia <- Cuba. Received as: Paecilomyces lilacinus. Synonym Paecilomyces lilacinus (Thom 1910) Samson 1974. Cuba. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1)

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-3193 <-- DSMZ, DSM 846. Received as: Paecilomyces lilacinus. Synonym Penicillium lilacinum Thom 1910 Type strain, Paecilomyces lilacinus (Thom 1910) Samson 1974. (AHU 8021; ATCC 1123; ATCC 10114; CBS 284.36; CBS 346.48; CCRC 31616; DSM 846; IFO 5350; IMI 027 830; JCM 8369; JCM 9332; NCTC 584; NRRL 895; QM 7592; Thom 225.8; Thom 8). Ex: soil. New York, Ithaca. USA. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([2188](#), [3178](#), [3182](#), [3293](#), [4117](#))

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-3550 <-- Egorova A.V., Velikanov L.L. DMA MSU, 80. Received as: Paecilomyces lilacinus. Synonym Paecilomyces lilacinus (Thom 1910) Samson 1974. Ex: sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk group: no. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5)

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-3811 <-- Aleksandrova A.V. DMA MSU. Received as: Paecilomyces lilacinus. Synonym Paecilomyces lilacinus (Thom 1910) Samson 1974. Ex: desert loess soil. Negev desert, Sede-Boqer Campus, Nahal Boqer River, low stream. Israel. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Purpureocillium lilacinum (Thom 1910) Luangsa-ard et al. 2011

F-3891 <-- Ivanushkina N.E. VKM IBPM, La-136. Synonym *Paecilomyces lilacinus* (Thom 1910) Samson 1974. Ex: buried soil. Mound group Tary, III century BC. Volgograd Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4033](#), [5854](#), [7378](#), [7450](#))

Pycnidiella resiniae (Ehrenberg 1818) Hoehnel 1915

F-3172 <-- Ivanushkina N.E. VKM IBPM, g11. Received as: *Zythia resiniae*. Synonym: *Zythia resiniae* (Ehrenberg 1818) P.Karsten 1887. Ex: *Pinus silvestris*, branch. Komi Republic, Syktyvkar. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Pycnoporus cinnabarinus (Jacquin 1776) P. Karsten 1881

F-3226 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 82. Received as: *Pycnoporus cinnabarinus* (Jacquin 1776) P. Karsten 1881. Ex: fruitbody on *Betula sp.* Ilmen State Mineralogical Reserve. Chelyabinsk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Pyrenophora biseptata (Saccardo et Roumeguere 1881) Crous 2013

F-2328 <-- IBPM, IBPM F-312 <- VIZR, 736. Received as: *Helminthosporium sativum* Pammel et al. 1910. Synonym: *Drechslera biseptata* (Saccardo et Roumeguere 1881) M.J. Richardson et E.M. Fraser 1968. Ex: winter wheat, *Triticum sp.*, stem. Krasnodar Territory. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Pyrenophora triseptata (Drechsler 1923) Rossman et K.D. Hyde 2015

F-4380 <-- Gannibal F.B. VIZR, 054-011. Received as: *Drechslera triseptata*. Synonym: *Drechslera triseptata* (Drechsler 1923) Subramanian et B.L. Jain 1966. Ex: *Hordeum sp.*, cultivar Suzdalets, seeds. Kaliningrad Region, Gurievsk District. Russia. Risk group: no. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Pyronema omphalodes (Bulliard 1791) Fuckel 1870

F-1773 <-- INMI, VKM F-1773 <- Milko A.A., 1972. Received as: *Pyronema omphalodes*. Ex: wet internal wall of house. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-5, F-1, S-4, S-5).

Pythium adhaerens Sparrow 1931

F-1921 <-- INMI, VKM F-1921 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3958. Received as: *Pythium adhaerens*. Ex: decaying branch in water. Gulf of Dnepr River. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5). ([5977](#), [6255](#), [6256](#), [7911](#))

Pythium debaryanum R. Hesse 1874

F-1054 <-- INMI, VKM F-1054 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, D-8. Received as: *Pythium debaryanum*. Ex: forest soil. near

Dresden. Germany. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5)

Pythium debaryanum R. Hesse 1874

F-1505 <-- INMI, VKM F-1505 <- PRL, PRL 2413. Received as: *Pythium debaryanum*. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5). ([3068](#), [4509](#), [5006](#), [5622](#), [5914](#))

Pythium heterothallicum W.A. Campbell et F.F. Hendrix 1968

F-1511 <-- INMI, VKM F-1511 <- PRL, PRL 2501. Received as: *Pythium heterothallicum*. MT+. Risk group: no. (Medium [13](#), 25°C, C-5, S-4, S-5)

Pythium heterothallicum W.A. Campbell et F.F. Hendrix 1968

F-1516 <-- INMI, VKM F-1516 <- PRL, PRL 2510. Received as: *Pythium heterothallicum*. MT+. (APCC 4018c; IMI 329000). Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5)

Pythium heterothallicum W.A. Campbell et F.F. Hendrix 1968

F-1517 <-- INMI, VKM F-1517 <- PRL, PRL 2511. Received as: *Pythium heterothallicum*. MT-. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5)

Pythium intermedium de Bary 1881

F-1508 <-- INMI, VKM F-1508 <- PRL, PRL 2498. Received as: *Pythium intermedium*. Risk group: no. (Medium [13](#), 25°C, C-5, S-4, S-5)

Pythium irregulare Buisman 1927

F-2082 <-- INMI, VKM F-2082 <- CCM, F-8. Received as: *Pythium irregulare*. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5)

Pythium irregulare Buisman 1927

F-2138 <-- INMI, VKM F-2138 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Pythium irregulare*. Ex: water. Pond, near Metro Station Oktyabrskaya. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-5, S-4, S-5)

Pythium mamillatum Meurs 1928

F-984 <-- INMI, VKM F-984 <- Donnan Laboratories, University of Liverpool, Liverpool, UK. Received as: *Pythium mamillatum*. (APCC 4311c; IMI 308167). Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5)

Pythium spinosum Sawada 1926

F-1498 <-- INMI, VKM F-1498 <- PRL, PRL 2146. Received as: *Pythium spinosum*. (IMI 308285; APCC 4012c). Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5)

Pythium sylvaticum W.A. Campbell et F.F. Hendrix 1967

F-1513 <-- INMI, VKM F-1513 <- PRL, PRL 2503. Received as: *Pythium sylvaticum*. MT+. (APCC 4014c; IMI 344334). Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-4, S-5)

Pythium sylvaticum W.A. Campbell et F.F. Hendrix 1967

F-1522 <-- INMI, VKM F-1522 <- PRL, PRL 2508. Received as: *Pythium sylvaticum*. MT+. Risk group: no. (Medium [13](#), 25°C, C-5, S-4, S-5)

Pythium ultimum Trow 1901

F-1506 <-- INMI, VKM F-1506 <- PRL, PRL 2416. Received as: *Pythium ultimum*. (APCC 4016b; IMI 308272). Risk group: no. (Medium [13](#), 25°C, C-5, S-4, S-5). ([5190](#))

Pythium ultimum Trow 1901

F-4782 <-- Elanskiy S.N. DMA MSU. Received as: *Pythium ultimum*. Ex: *Solanum tuberosum*, tuber. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, S-4, S-5)

Pythium ultimum Trow 1901

F-4783 <-- Elanskiy S.N. DMA MSU. Received as: *Pythium ultimum*. Ex: *Solanum tuberosum*, tuber. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, S-4, S-5)

Pythium vexans de Bary 1876

F-1193 <-- INMI, VKM F-1193 <- Portugal, 153(42). Received as: *Pythium ascophallon*. Other name: *Pythium ascophallon* Sideris 1931. (APCC 4004a; IMI 345166). Risk group: no. (Medium [13](#), 25°C, S-4, S-5)

Quambalaria cyanescens (de Hoog et G.A. de Vries 1973) Z.W. de Beer et al. 2006

F-4082 <-- Antropova A.B., Bilanenko E.N. DMA MSU. Received as: *Quambalaria cyanescens* (de Hoog et G.A. de Vries 1973) Z.W. de Beer, Begerow et R. Bauer 2006. Ex: anther dust of *Betula pendula*. Moscow, Khovrino. Russia. Risk group: no. (Medium [9](#), 25°C, S-4).

Quambalaria cyanescens (de Hoog et G.A. de Vries 1973) Z.W. de Beer et al. 2006

F-4083 <-- Antropova A.B., Bilanenko E.N. DMA MSU. Received as: *Quambalaria cyanescens* (de Hoog et G.A. de Vries 1973) Z.W. de Beer, Begerow et R. Bauer 2006. Ex: anther dust of *Betula pendula*. Pit. Moscow Region, Noginsky District, near Kupavna. Russia. Risk group: no. (Medium [9](#), 25°C, S-4)

Quambalaria cyanescens (de Hoog et G.A. de Vries 1973) Z.W. de Beer et al. 2006

F-4084 <-- Antropova A.B., Bilanenko E.N. DMA MSU. Received as: *Quambalaria cyanescens* (de Hoog et G.A. de Vries 1973) Z.W. de Beer, Begerow et R. Bauer 2006. Ex: anther dust of *Betula pendula*. Forest. Moscow Region, Shakhovskoy District, near Burtsevo. Russia. Risk group: no. (Medium [9](#), 25°C, S-4)

Radiomyces embreei R.K. Benjamin 1960

F-1352 Òype <-- INMI, VKM F-1352 <- CMI, IMI 81586. Received as: *Radiomyces embreei*. (ATCC 13845; CBS 254.60; IMI 081586; NRRL 2839; RSA 914; VKM F-1364; UAMH 3105). Ex: mouse dung. California, San Bernardino. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([409](#), [1307](#), [1365](#), [4028](#))

Radiomyces embreei R.K. Benjamin 1960

F-1364 <-- INMI, VKM F-1364 <- CBS, CBS 254.60. Received as: *Radiomyces embreei*. (ATCC 13845; CBS 254.60; IMI 081586; NRRL 2839; RSA 914; VKM F-1352; UAMH 3105). Ex: mouse dung. California, San Bernardino. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([1307](#), [1365](#))

Radiomyces spectabilis Embree 1959

F-1354 Òype <-- INMI, VKM F-1354 <- CBS, CBS 255.60. Received as: *Radiomyces spectabilis*. (ATCC 22871; CBS 255.60; IMI 142378). Ex: lizard dung. California. USA. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, C-7, D-4, F-1, S-5). ([580](#), [1365](#), [4028](#))

Remotididymella destructiva (Plowright 1881) Valenzuela-Lopez et al. 2017

F-3698 <-- Rudakov O.L. All-Russian Research Institute of Phytopathology, B.Vyazyomy, Odintsovo district, Moscow Region, Russia, 1657. Received as: *Phoma destructiva*. Synonym: *Phoma destructiva* Plowright 1881. Ex: soil. Hothouse. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Rhinocladiella atrovirens Nannfeldt 1934

F-2998 Òype <-- CBS, CBS 317.33. Received as: *Rhinocladiella atrovirens*. (CBS 317.33). Ex: wood, *Pinus sp.* Sweden. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Rhinocladiella atrovirens Nannfeldt 1934

F-3854 <-- Aleksandrova A.V. DMA MSU, Dm15. Received as: *Rhinocladiella atrovirens*. Ex: desert loess soil. Negev Desert, stony desert, bank of dry briverbed Nahal Besor. Israel. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Rhinocladiella atrovirens Nannfeldt 1934

F-4332 <-- Aleksandrova A.V. DMA MSU, S 435. Received as: *Rhinocladiella atrovirens*. Ex: coniferous litter (5-7 cm). Dark coniferous mountain taiga (*Pinus sibirica*, *Abeas sibirica*), flat top of the knoll, Sanste hole. North Mongolia, West-Khentee, Selenge Aimak. Mongolia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Rhizoctonia solani J.G. Kuehn 1858

F-895 <-- INMI, VKM F-895 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 643. Received as: *Moniliopsis aderholdii*. Synonym: *Moniliopsis aderholdii* Ruhland 1908, *Rhizoctonia aderholdii* (Ruhland 1908) Koloschina 1945. Ex: *Brassica sp.* Kharkov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, S-5). ([9005](#), [5370](#), [6207](#), [6766](#), [7141](#), [7974](#), [8006](#), [8252](#), [8258](#), [8260](#), [8943](#), [8930](#), [8937](#))

Rhizoctonia solani J.G. Kuehn 1858

F-942 <-- INMI, VKM F-942 <- DMA MSU. Received as: *Rhizoctonia solani*. Ex: *Gossypium sp.* Turkmenistan. Risk group: no. (Medium [11](#), 25°C, C-5, D-4,

S-5). ([7367](#))

Rhizoctonia solani J.G. Kuehn 1858

F-2935 <-- Djuakov Yu.T. DMA MSU <-- Butler E.E., Univ. of California, USA, C-229. Received as: *Rhizoctonia solani*. Ex: *Raphanus sativus*. California, Davis. USA. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, S-5). ([8257](#))

Rhizoctonia solani J.G. Kuehn 1858

F-2936 <-- Djuakov Yu.T. DMA MSU <-- Butler E.E., Univ. of California, USA <-- Japan, Ogoshi Sc-1. Received as: *Rhizoctonia solani*. Ex: soil. Japan. Risk group: no. (Medium [11](#), 25°C, C-5, S-5). ([6766](#), [8258](#))

***Rhizoctonia* sp.**

F-3832 <-- Aleksandrova A.V. DMA MSU. Received as: *Rhizoctonia* **sp.** Ex: pine wood, *Pinus* **sp.**, with lichen. Pine-birch forest, Volga River, right bank. Tver Region, Zubtsov District, near Shishkino. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, C-11, S-5)

Rhizomucor miehei (Cooney et R. Emerson 1964) Schipper 1978

F-1365 Öype <-- INMI, VKM F-1365 <- CBS, CBS 182.67. Received as: *Mucor miehei*. Synonym: *Mucor miehei* Cooney et R. Emerson 1964 Type strain. (ATCC 16457; BCRC 33081; CBS 182.67; CGMCC 3.4960; IMI 126334; MTCC 546; MUCL 30557; NBIMCC 3458; VTT D-82193). Ex: retting *Parthenium argentatum*. California, Salinas. USA. Risk group: 4. (Medium [9](#), 37°C, C-1, C-7, D-4, F-1, S-5). ([323](#), [679](#), [681](#), [1313](#), [1365](#), [2204](#), [2205](#), [4117](#), [5103](#), [5378](#), [5604](#), [3376](#))

Rhizomucor pusillus (Lindt 1886) Schipper 1978

F-917 <-- INMI, VKM F-917 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 139. Received as: *Mucor pusillus*. Synonym: *Mucor pusillus* Lindt 1886. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1131](#), [2197](#), [2734](#))

Rhizomucor pusillus (Lindt 1886) Schipper 1978

F-1626 <-- INMI, VKM F-1626 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 142. Received as: *Mucor pusillus*. Synonym *Mucor pusillus* Lindt 1886. (ATCC 42782; MZKI B-162; TUB VKMF-1626). Ex: cattle rumen, rumen. Ukraine. Risk group: 4. (Medium [9](#), 30°C, C-1, C-7, C-8, F-1, S-5). ([1131](#))

Rhizomucor pusillus (Lindt 1886) Schipper 1978

F-2100 <-- INMI, VKM F-2100 <- TUB, WFPL 267A. Received as: *Mucor pusillus*. Synonym *Mucor pusillus* Lindt 1886. MT-. (ATCC 16458; BCRC 31510; CBS 183.67; TUB WFPL267A; WFPL 267A). Ex: mouldy leaves. California. USA. Risk group: 4. (Medium [9](#), 30°C, C-1, C-7, D-4, F-1). ([323](#), [681](#), [2204](#), [4117](#))

Rhizomucor pusillus (Lindt 1886) Schipper 1978

F-2101 <-- INMI, VKM F-2101 <- TUB, WFPL 267B. Received as: *Mucor pusillus*. Synonym *Mucor pusillus* Lindt 1886. MT+. (ATCC 16459; BCRC 31511; CBS 184.67; TUB WFPL267B; WFPL 267B; UAMH 8244; NRRL A-9674). Ex: horse manure. Nevada. USA. Risk group: 4. (Medium [9](#), 30°C, C-1, D-4, F-1). ([323](#), [2204](#), [4117](#))

Rhizomucor tauricus (Milko et Schkurenko 1970) Schipper 1978

F-1379 Type <-- INMI, VKM F-1379 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 61908. Received as: *Mucor tauricus*. Synonym: *Mucor tauricus* Milko et Schkurenko 1970 Type strain. (CBS 179.69; CGMCC 3.5089; IMI 137380; NRRL 3695; VKM F-1381). Ex: steppe soil. Republic of Crimea, Medvedevka. Russia. Risk group: 4. (Medium [9](#), 37°C, C-1, C-7, D-4, F-1, S-5). ([679](#), [1313](#), [1365](#), [5640](#))

Rhizomucor tauricus (Milko et Schkurenko 1970) Schipper 1978

F-1381 <-- INMI, VKM F-1381 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 61908. Received as: *Mucor tauricus*. Synonym *Mucor tauricus* Milko et Schkurenko 1970 Type strain. (CBS 179.69; CGMCC 3.5089; IMI 137380; NRRL 3695; VKM F-1379). Ex: steppe soil. Republic of Crimea, Medvedevka. Russia. Risk group: 4. (Medium [9](#), 37°C, C-1, D-4, F-1). ([679](#), [1313](#), [1365](#))

Rhizopus arrhizus A. Fischer 1892

F-497 <-- INMI, VKM F-497 <- Eroshin V.K. IBPM <- VIZR, 633. Received as: *Rhizopus arrhizus*. Synonym: *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2094](#), [5134](#))

Rhizopus arrhizus A. Fischer 1892

F-498 <-- INMI, VKM F-498 <- Eroshin V.K. IBPM <- VIZR, 456. Received as: *Rhizopus nigricans*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895, *Rhizopus nodosus* Namyslowski 1906. Other name: *Rhizopus nigricans* Ehrenberg 1820. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1). ([2094](#), [5672](#))

Rhizopus arrhizus A. Fischer 1892

F-590 <-- INMI, VKM F-590 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2441. Received as: *Rhizopus arrhizus*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#), [5134](#))

Rhizopus arrhizus A. Fischer 1892

F-591 <-- INMI, VKM F-591 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 642. Received as: *Rhizopus arrhizus*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#), [5134](#))

Rhizopus arrhizus A. Fischer 1892

F-592 <-- INMI, VKM F-592 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 174. Received as: *Rhizopus cambodja*. Synonym *Rhizopus cambodja* (Chrzaszcz 1901) Vuillemin 1902, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Ex: macaroni. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-596 <-- INMI, VKM F-596 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 176. Received as: *Rhizopus cambodja*. Synonym *Rhizopus cambodja* (Chrzaszcz 1901) Vuillemin 1902, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Ex: beer. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1)

Rhizopus arrhizus A. Fischer 1892

F-598 <-- INMI, VKM F-598 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 696. Received as: *Rhizopus japonicus*. Synonym *Rhizopus japonicus* Vuillemin 1902, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-605 <-- INMI, VKM F-605 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 403. Received as: *Rhizopus nigricans*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Other name: *Rhizopus nigricans* Ehrenberg 1820. Ex: *Malus domestica*, fruit. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1, S-5). ([1796](#), [2094](#), [2232](#), [4384](#), [5657](#))

Rhizopus arrhizus A. Fischer 1892

F-611 <-- INMI, VKM F-611 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 169. Received as: *Rhizopus nodosus*. Synonym *Rhizopus nodosus* Namyslowski 1906, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-614 <-- INMI, VKM F-614 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 728. Received as: *Rhizopus oryzae*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Main Botanical Garden. Poland. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-615 <-- INMI, VKM F-615 <- Eroshin V.K. IBPM <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 2588. Received as: *Rhizopus sp.* Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#),

25°C, C-8, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-616 <-- INMI, VKM F-616 <- Eroshin V.K. IBPM <- VIZR, 372. Received as: *Rhizopus sp.* Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-617 <-- INMI, VKM F-616 <- Eroshin V.K. IBPM <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 2587. Received as: *Rhizopus sp.* Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-618 <-- INMI, VKM F-618 <- Eroshin V.K. IBPM <- VIZR, 370. Received as: *Rhizopus tonkinensis*. Synonym *Rhizopus tonkinensis* Vuillemin 1902, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([2094](#), [2968](#))

Rhizopus arrhizus A. Fischer 1892

F-619 <-- INMI, VKM F-619 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 592. Received as: *Rhizopus tritici*. Synonym *Rhizopus tritici* Saito 1904, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-620 <-- INMI, VKM F-620 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 463. Received as: *Rhizopus tritici*. Synonym *Rhizopus tritici* Saito 1904, *Rhizopus nodosus* Namyslowski 1906, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1, S-5). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-621 <-- INMI, VKM F-621 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 698. Received as: *Rhizopus tonkinensis*. Synonym *Rhizopus tonkinensis* Vuillemin 1902, *Rhizopus arrhizus* Fischer 1892. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1). ([2094](#))

Rhizopus arrhizus A. Fischer 1892

F-1217 <-- INMI, VKM F-1217 <- ATCC, ATCC 11002. Received as: *Rhizopus thermosus*. Synonym *Rhizopus thermosus* Yosh.Yamamoto 1925, *Rhizopus japonicus* Vuillemin 1897, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. (ATCC 11002; CBS 405.51; DSM 2198; NI 1207). Japan. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([1315](#), [1365](#), [2094](#), [2232](#))

Rhizopus arrhizus A. Fischer 1892

F-1362 <-- INMI, VKM F-1362 <- CBS, CBS 266.30. Received as: *Rhizopus*

fusiformis. Synonym *Rhizopus fusiformis* C.O. Dawson et Povah 1932 Type strain. (ATCC 44168; BCRC 31152; CBS 266.30). Ex: Brassica napobrassica, tuber at storage. USA. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([1365](#), [2232](#), [2968](#))

Rhizopus arrhizus A. Fischer 1892

F-1403 <-- INMI, VKM F-1403 <- CBS, CBS 279.38. Received as: *Rhizopus sontii*. Synonym *Rhizopus sontii* Reddi et Subrahmanyam 1937 Type strain, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. (ATCC 44473; BCRC 31156; CBS 279.38; DSM 2197). India. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([1315](#), [1365](#), [2079](#), [2094](#), [2232](#), [4231](#))

Rhizopus arrhizus A. Fischer 1892

F-1414 <-- INMI, VKM F-1414 <- CBS, CBS 112.07. Received as: *Rhizopus oryzae*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895 Type strain. (ATCC 56536; BCRC 31145; CBS 112.07; IFO 5414; MUCL 9668; NBRC 5414; NRRL 3133; TISTR 3246). Netherlands. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1315](#), [1365](#), [1796](#), [6407](#))

Rhizopus arrhizus A. Fischer 1892

F-1428 <-- INMI, VKM F-1428D <- IMI, IMI 44245. Received as: *Rhizopus delemar*. Synonym *Rhizopus delemar* (Boidin 1901) Wehmer et Hanzawa 1912, *Rhizopus oryzae* Went et Prinsen Geerligs 1895. (ATCC 9374; CBS 328.47; CCRC 31147; IMI 044245; MUCL 28412; NRRL 1472). Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([1455](#), [1505](#), [1846](#), [1849](#), [2094](#), [2206](#), [2232](#))

Rhizopus arrhizus A. Fischer 1892

F-2407 <-- Golovleva L.A. IBPM, IBPM F-386. Received as: *Rhizopus oryzae*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Ex: soil. Amursk Region. Russia. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1, S-5)

Rhizopus arrhizus A. Fischer 1892

F-3095 <-- Rudakov O.L. INMI, VKM MF-499. Received as: *Rhizopus oryzae*. Synonym *Rhizopus oryzae* Went et Prinsen Geerligs 1895. Moscow Region. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5)

Rhizopus microsporus van Tieghem 1875 var. *chinensis* (Saito 1904) Schipper et Stalpers 1984

F-1062 <-- INMI, VKM F-1062 <- Mirchink T.G. DSB MSU, 9(9-157). Received as: *Mucor sp.* Ex: soil. New Guinea Island. Papua New Guinea. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2094](#), [4383](#))

Rhizopus microsporus van Tieghem 1875 var. *chinensis* (Saito 1904) Schipper et Stalpers 1984

F-1091 <-- INMI, VKM F-1091 <- CBS, CBS 344.29. Received as: *Rhizopus pygmaeus*. Synonym *Rhizopus pygmaeus* Naumov 1935 Type strain. MT+. (ATCC 11559; BCRC 31148; CBS 344.29; CGMCC 3.4993; DSM 2195; MTCC 556). USSR. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([1315](#), [1365](#), [2094](#), [7124](#), [8958](#))

Rhizopus microsporus van Tieghem 1875 var. *chinensis* (Saito 1904) Schipper et Stalpers 1984

F-1218 <-- INMI, VKM F-1218 <- ATCC, ATCC 1227b. Received as: *Rhizopus chinensis*. Synonym *Rhizopus chinensis* Saito 1904. MT-. (ATCC 1227b). Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([657](#), [658](#), [1365](#), [2150](#), [2232](#), [4117](#), [6101](#), [7914](#))

Rhizopus microsporus van Tieghem 1875 var. *chinensis* (Saito 1904) Schipper et Stalpers 1984

F-1360 <-- INMI, VKM F-1360 <- CBS, CBS 262.28. Received as: *Rhizopus microsporus*. MT-. Other name: *Rhizopus microsporus* van Tieghem 1875. (ATCC 52812; CBS 262.28). USA. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([557](#), [643](#), [1315](#), [1365](#), [2094](#), [2232](#), [5657](#))

Rhizopus microsporus van Tieghem 1875 var. *chinensis* (Saito 1904) Schipper et Stalpers 1984

F-1361 <-- INMI, VKM F-1361 <- CBS, CBS 261.28. Received as: *Rhizopus microsporus*. MT+. Other name: *Rhizopus microsporus* van Tieghem 1875. (ATCC 52811; CBS 261.28; DSM 2193). Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([557](#), [643](#), [1315](#), [1365](#), [2094](#), [2150](#), [2232](#), [5657](#), [6407](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-594 <-- INMI, VKM F-594 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 330. Received as: *Rhizopus cambodja*. Other name: *Rhizopus cambodja* (Chrzaszcz 1901) Vuillemin 1902. Ex: refrigerator chamber. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2094](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-595 <-- INMI, VKM F-595 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 306. Received as: *Rhizopus cambodja*. Other name: *Rhizopus cambodja* (Chrzaszcz 1901) Vuillemin 1902. Ex: beer. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#), [2232](#), [4743](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-597 <-- INMI, VKM F-597 <- Eroshin V.K. IBPM <- DLP KhGU, 161. Received as: *Rhizopus cohnii*. Other name: *Rhizopus cohnii* Berlese et De Toni 1888. Risk group: 4. (Medium [9](#), 25°C, C-13, D-4, F-1). ([2094](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-773 <-- INMI, VKM F-773 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 222. Received as: *Rhizopus oryzae*. MT+. Other name: *Rhizopus oryzae* Went et Prinsen Geerligs 1895. (ATCC 52813; BCRC 31140; CBS 699.68; CGMCC 3.4982; IHEM 9504). Ex: soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([643](#), [1315](#), [1365](#), [2094](#), [5657](#), [6407](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-774 <-- INMI, VKM F-774 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 35. Received as: *Rhizopus oryzae*. MT-. Other name: *Rhizopus oryzae* Went et Prinsen Geerligs 1895. (ATCC 52814; BCRC 31141; CBS

700.68; CCF 1570; CGMCC 3.4983; IHEM 9505). Ex: forest soil. Georgia. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([557](#), [643](#), [1315](#), [1365](#), [2094](#), [5657](#), [6407](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-780 <-- INMI, VKM F-780 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 18. Received as: *Rhizopus cohnii*. Other name: *Rhizopus cohnii* Berlese et De Toni 1888. Ex: soil. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([1365](#), [2094](#), [2232](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-1063 <-- INMI, VKM F-1063 <- Mirchink T.G. DSB MSU, 13(12-219). Received as: *Mucor sp.* Ex: soil. New Guinea Island. Papua New Guinea. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([1365](#), [2094](#), [5657](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-1066 <-- INMI, VKM F-1066 <- Mirchink T.G. DSB MSU, 11(9-100). Received as: *Mucor sp.* Ex: soil. New Guinea Island. Papua New Guinea. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2094](#))

Rhizopus microsporus van Tieghem 1875 var. *microsporus*

F-1067 <-- INMI, VKM F-1067 <- Mirchink T.G. DSB MSU, 12(10-184). Received as: *Mucor sp.* Ex: soil. New Guinea Island. Papua New Guinea. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2094](#))

Rhizopus microsporus van Tieghem 1875 var. *oligosporus* (Saito 1905) Schipper et Stalpers 1984

F-610 <-- INMI, VKM F-610 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 415. Received as: *Rhizopus nigricans*. Other name: *Rhizopus nigricans* Ehrenberg 1820. Ex: tinned plam. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus microsporus van Tieghem 1875 var. *oligosporus* (Saito 1905) Schipper et Stalpers 1984

F-1415 <-- INMI, VKM F-1415 <- CBS, CBS 339.62 <- NRRL, NRRL A-9867. Received as: *Rhizopus oligosporus*. Synonym *Rhizopus oligosporus* Saito 1905. (ATCC 48010; CBS 339.62; CGMCC 3.4986; IP 1126.75; MUCL 31005; NRRL A- 6203; NRRL A-9867). Ex: tempeh. Java Island. Bandung, Pasar Balubur. Indonesia. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([1365](#), [1796](#), [2094](#), [2232](#), [6407](#))

Rhizopus microsporus van Tieghem 1875 var. *rhizopodiformis* (Cohn 1884) Schipper et Stalpers 1984

F-3688 <-- Lusta K.A. IBPM. Received as: *Rhizopus sp.* Ex: soil. near Ashkhabad. Turkmenistan. Risk group: 4. (Medium [9](#), 25°C, D-4, F-1). ([5134](#), [5657](#))

Rhizopus microsporus van Tieghem 1875 var. *rhizopodiformis* (Cohn 1884) Schipper et Stalpers 1984

F-3692 <-- CBS, CBS 343.29. Received as: *Rhizopus microsporus* var. *rhizopodiformis*. Synonym *Rhizopus pusillus* Naumov 1935 Type strain. (CBS 343.29; MTCC 383). USSR. Risk group: 4. (Medium [9](#), 25°C, D-4, F-1). ([5657](#))

Rhizopus microsporus van Tieghem 1875 var. *rhizopodiformis* (Cohn 1884) Schipper et Stalpers 1984

F-3693 <-- CBS, CBS 607.73. Received as: *Rhizopus microsporus* var. *rhizopodiformis*. MT+. (CBS 607.73; CECT 2763; DSM 2196). Ex: stored cereal. Yugoslavia. Risk group: 4. (Medium [9](#), 25°C, D-4, F-1). ([5657](#))

Rhizopus microsporus van Tieghem 1875 var. *rhizopodiformis* (Cohn 1884) Schipper et Stalpers 1984

F-3697 Öype <-- CBS, CBS 536.80 <- MRC, 1954. Received as: *Rhizopus microsporus* var. *rhizopodiformis*. (BCRC 31995; CBS 536.80; MRC 1954). Ex: sorghum malt. South Africa. Risk group: 4. (Medium [9](#), 25°C, F-1). ([6407](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-399 <-- INMI, VKM F-399 <- Rudakov O.L. All-Russian Research Institute of Phytopathology, B.Vyazyomy, Odintsovo district, Moscow Region, Russia. Received as: *Rhizopus nigricans*. Synonym: *Rhizopus nigricans* Ehrenberg 1821. MT-. Ex: *Beta vulgaris* var. *saccharifera*, root. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([2094](#), [7124](#), [8958](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-400 <-- INMI, VKM F-400 <- CMI, IMI 57761. Received as: *Rhizopus stolonifer*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. (ATCC 6227a; IFO 30795; IMI 057761; NBRC 30795). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, F-1, S-5). ([2079](#), [2094](#), [4031](#), [4117](#), [7124](#), [8958](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-401 <-- INMI, VKM F-401 <- CMI, IMI 57762. Received as: *Rhizopus stolonifer*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. (ATCC 6227b; CBS 382.52; DSM 907; DSM 599; IFO 6154; IMI 57762; MZKI B-198; MZKIBK B-80; NRRL 12939). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([8090](#), [581](#), [1315](#), [1812](#), [2094](#), [2192](#), [2193](#), [2232](#), [4117](#), [5134](#), [5378](#), [5604](#), [8253](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-402 <-- INMI, VKM F-402 <- CMI, IMI 90609. Received as: *Rhizopus stolonifer*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. (ATCC 14037; BCRC 31142; IMI 090609; USMH 82). Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([404](#), [2201](#), [2202](#), [2094](#), [4117](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-403 <-- INMI, VKM F-403 <- CMI, IMI 90610. Received as: *Rhizopus stolonifer*. Synonym *Rhizopus nigricans* Ehrenberg 1821. (ATCC 14038; BCRC 31143; IMI 090610). Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([404](#), [2094](#), [5134](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-491 <-- INMI, VKM F-491 <- Eroshin V.K. IBPM <- Skryabin G.K., 235. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-499 <-- INMI, VKM F-499 <- Eroshin V.K. IBPM. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Ex: *Pyrus communis*. Risk group: 4. (Medium [9](#), 25°C, C-7, C-13, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-599 <-- INMI, VKM F-599 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 711. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. (VKM F-602). Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-601 <-- INMI, VKM F-601 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 12291. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#), [5657](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-602 <-- INMI, VKM F-602 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 711. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. (VKM F-599). Risk group: 4. (Medium [9](#), 25°C, C-1, F-1, S-5). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-603 <-- INMI, VKM F-603 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 407. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-606 <-- INMI, VKM F-606 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 782. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-607 <-- INMI, VKM F-607 <- Eroshin V.K. IBPM, 395. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Ex: *Ananas sativus*. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-608 <-- INMI, VKM F-608 <- Eroshin V.K. IBPM, 203. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Ex: soil.

Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-609 <-- INMI, VKM F-609 <- Eroshin V.K. IBPM <- DLP KhGU, 126. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Risk group: 4. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-612 <-- INMI, VKM F-612 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 485. Received as: *Rhizopus nodosus*. Synonym *Rhizopus nigricans* Ehrenberg 1821. Risk group: 4. (Medium [9](#), 25°C, C-8, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-661 <-- INMI, VKM F-661 <- Eroshin V.K. IBPM <- DMA MSU. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-1427 <-- INMI, VKM F-1427 <- CMI, IMI 127405. Received as: *Rhizopus echinatus*. Synonym *Rhizopus nigricans* Ehrenberg 1821. MT+. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-2005 <-- INMI, VKM F-2005 <- Ruban E.L. INMI. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. Ex: melted butter. Uglich. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, F-1). ([2094](#), [5134](#), [6192](#), [7012](#), [7779](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-2018 <-- INMI, VKM F-2018 <- Sviridenko U.Y. RIBMI, 650. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. Ex: butter. Moscow. Russia. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1). ([2094](#), [2232](#), [5134](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-2406 <-- IBPM, IBPM F-36 <- DMA MSU. Received as: *Rhizopus nigricans*. Synonym *Rhizopus nigricans* Ehrenberg 1821. Risk group: 4. (Medium [9](#), 25°C, C-7, C-13, F-1). ([2094](#))

Rhizopus stolonifer (Ehrenberg 1818) Vuillemin 1902 var. *stolonifer*

F-2813 <-- Rudakov O.L. INMI, VKM MF-411. Received as: *Rhizopus trubini*. Other name: *Rhizopus trubini* Hanzawa 1912. Ex: fungus, *Russula foetens*. Moscow Region. Russia. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, C-13, F-1). ([2094](#), [2232](#), [5134](#))

Rhodocollybia butyracea (Bulliard 1792) Lennox 1979

F-3311 <-- Perm State University of Humanities and Education, Perm, Russia, 61 87. Received as: *Collybia butyracea* (Bulliard 1792) P.Kummer 1871. Synonym: *Collybia butyracea* (Bulliard 1792) P.Kummer 1871. Risk group: no.

(Medium [9](#), 25°C, C-12, S-4, S-5).

Robillarda sessilis (Saccardo 1878) Saccardo 1880

F-3515 <-- Melnik V.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Robillarda sessilis*. Ex: *Eryngium campestre*, leaf. Edge of sunflower field. Saratov Region, Engels-city. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Rosellinia mammiformis (Persoon 1801) Cesati et de Notaris 1863

F-2174 <-- Saint Petersburg state university, Saint Petersburg, Russia. Received as: *Rosellinia mammiformis*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5).

Russula aurora (Krombholz 1836) Bresadola 1892

F-3228 <-- Semashko A.Yu. A.N. Severtsov Institute of Ecology and Evolution, Moscow, Russia. Received as: *Russula rosea* (Schaeffer 1796) Quelet 1886. Synonym: *Russula rosea* (Schaeffer 1796) Quelet 1886, *Russula velutipes* Velenovsky 1920. Ex: fruitbody. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Russula grisea (Batsch 1786) Fries 1838

F-1663 <-- INMI, VKM F-1663 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Russula grisea* (Batsch 1786) Fries 1838. Ex: fungus, fruitbody. St.-Petersburg. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([4225](#))

Saprochaete gigas (Smit et L. Meyer 1928) de Hoog et M.T. Smith 2004

F-202 Òype <-- INMI, VKM F-202 <- CBS, CBS 140.25 <- Smit J. Received as: *Oospora gigas*. Synonym: *Oospora gigas* Smit et L.Meyer 1928, *Geotrichum gigas* (Smit et L.Meyer 1928) M.T.Smith et Poot 2000. State: tm - *Dipodascus magnusii* (F. Ludwig 1886) von Arx 1977; *Endomyces magnusii* F. Ludwig 1886. (CBS 140.25). Ex: juice of sugar palm (*Arenga saccharifera*). Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([5134](#))

Saprolegnia asterophora de Bary 1860

F-2080 <-- INMI, VKM F-2080 <- Dick M.W., 291. Received as: *Saprolegnia asterophora*. Synonym: *Scoliolegnia asterophora* (de Bary 1860) M.W.Dick 1969. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5). ([756](#), [3914](#))

Saprolegnia blelhamensis (M.W. Dick 1969) Milko 1979

F-2052 <-- INMI, VKM F-2052 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3566. Received as: *Saprolegnia blelhamensis*. Synonym: *Scoliolegnia blelhamensis* M.W.Dick 1969. Ex: water. Volga River, Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-11, C-12, S-4, S-5). ([756](#), [3914](#))

Saprolegnia blelhamensis (M.W. Dick 1969) Milko 1979

F-2065 <-- INMI, VKM F-2065 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev,

Ukraine, 3572. Received as: *Saprolegnia blelhamensis*. Synonym *Scoliolegnia blelhamensis* M.W.Dick 1969. Ex: water. Volga River, Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([756](#), [3914](#))

Saprolegnia blelhamensis (M.W. Dick 1969) Milko 1979

F-2081 <-- INMI, VKM F-2081 <- Dick M.W., 293. Received as: *Saprolegnia blelhamensis*. Synonym *Scoliolegnia blelhamensis* M.W.Dick 1969. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([3914](#))

Saprolegnia delica Coker 1923

F-947 <-- INMI, VKM F-947 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 30. Received as: *Saprolegnia delica*. Ex: water. Dnepr River. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5). ([756](#))

Saprolegnia diclina Humphrey 1892

F-1855 <-- INMI, VKM F-1855 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 637. Received as: *Saprolegnia diclina*. (IMI 308259). Ex: nematode. Pond. near Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([756](#), [3914](#))

Saprolegnia ferax (Gruithuisen 1821) Nees 1843

F-946 <-- INMI, VKM F-946 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 29. Received as: *Saprolegnia ferax*. Ex: water. Dnepr River. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([401](#), [756](#), [3914](#))

Saprolegnia ferax (Gruithuisen 1821) Nees 1843

F-1724 <-- INMI, VKM F-1724 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 260. Received as: *Saprolegnia ferax*. (IMI 308228). Ex: water. Volga River. Volgograd Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([756](#), [3914](#))

Saprolegnia litoralis Coker 1923

F-1813 <-- INMI, VKM F-1813 <- CMI, IMI 137393. Received as: *Saprolegnia litoralis*. (IMI 308240). Risk group: no. (Medium [11](#), 25°C, C-12, S-4, S-5). ([756](#), [3914](#))

Saprolegnia mixta de Bary 1883

F-2078 <-- INMI, VKM F-2078 <- Dick M.W., 209. Received as: *Saprolegnia mixta*. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, S-4, S-5). ([756](#), [3914](#))

Saprolegnia parasitica Coker 1923

F-945 <-- INMI, VKM F-945 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 28. Received as: *Saprolegnia parasitica*. Ex: water. Pond. near Kiev.

Ukraine. Risk group: no. (Medium [11](#), 25°C, C-11, S-4, S-5). ([756](#), [3914](#))

Saprolegnia parasitica Coker 1923

F-1802 <-- INMI, VKM F-1802 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 200. Received as: *Saprolegnia parasitica*. Ex: water. Volga River. Russia. Risk group: no. (Medium [11](#), 25°C, S-4, S-5). ([756](#))

Saprolegnia terrestris Cookson 1937 ex R.L. Seymour 1970

F-2079 <-- INMI, VKM F-2079 <- Dick M.W., 212. Received as: *Saprolegnia terrestris*. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([756](#), [3914](#))

Saprolegnia unispora (Coker et Couch 1923) R.L. Seymour 1970

F-2058 <-- INMI, VKM F-2058 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 3492. Received as: *Saprolegnia unispora*. Ex: water. Volga River, Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, S-4, S-5). ([756](#), [3914](#))

Sarocladium kiliense (Gruetz 1925) Summerbell 2011

F-4771 <-- Ponizovskaya V.B. DMA MSU. Received as: *Sarocladium kiliense*. Ex: plaster. Indoor, State Research Institute for Restoration. Moscow. Russia. DNA sequences: LT549067. Risk group: no. (Medium [11](#), 25°C, S-5, F-1, C-8). ([5386](#))

Sarocladium strictum (W. Gams 1971) Summerbell 2011

F-1339 <-- INMI, VKM F-1339 <- Milko A.A., 1566. Received as: *Cylindrocarpon magnusianum* Wollenweber 1928. Synonym: *Acremonium strictum* W. Gams 1971. Ex: forest soil. Zakarpattya Region, Svaliava. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Sarocladium strictum (W. Gams 1971) Summerbell 2011

F-2901 <-- Rudakov O.L. INMI, VKM MF-538 <- CBS, CBS 287.70. Received as: *Acremonium strictum*. Synonym *Acremonium strictum* W. Gams 1971. (CBS 287.70N). Ex: fungus, *Plasmopara viticola* on *Quercus* sp. Utrecht, Fort Rijnauwen. Netherlands. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

Sarocladium strictum (W. Gams 1971) Summerbell 2011

F-4644 <-- Grum-Grzhimaylo O.A. BBS MSU. Ex: sphagnum, life part, plant. Boggy coast of the fresh-marine lake, Sphagnum-Carex association, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JX535092 (ITS), JX535093 (LSU). Risk group: no. (Medium [9](#), 18°C, C-8, F-1, S-5)

Scedosporium aurantiacum Gilgado et al. 2005

F-4689 <-- Danilogorskaya A.A. DSB MSU, Moscow, Russia. Received as: *Scedosporium aurantiacum*. Ex: small medium loamy urban soil on cover loams, humus-accumulative horizon (upper 5-10 cm). Urban area (40-50 years), lawn. Moscow, North Tushino, Vilisa Latsisa steet. Russia. DNA sequences: LT560380. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

(5423)

Schizophyllum commune Fries 1815

F-715 <-- INMI, VKM F-715 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Peniophora gigantea* (Fries 1815) Masee 1892. (IBK F-97). Ex: fruitbody on *Pinus* **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Schizophyllum commune Fries 1815

F-1661 <-- INMI, VKM F-1661 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Schizophyllum commune* Fries 1815. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Schizophyllum commune Fries 1815

F-2408 <-- IBPM, IBPM F-86 <- DMA MSU. Received as: *Schizophyllum commune* Fries 1815. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([2090](#))

Sclerotinia borealis Bubak et Vleugel 1917

F-4125 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: *Agropyron* **sp.** Pine nursery. near Ekaterinburg. Russia. Risk group: no. (Medium [13](#), 7°C, S-4).

Sclerotinia borealis Bubak et Vleugel 1917

F-4126 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: *Pinus silvestris*. Pine nursery. near Ekaterinburg. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4127 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Botanical Garden of Ural Branch RAS. Ekaterinburg. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4128 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: winter wheat, *Triticum* **sp.** Road Yoshkar-Ola - Kazan. Republic of Marii El, Volzhsk District, Kozhlasola. Russia. Risk group: no. (Medium [13](#), 7°C, S-4). ([5175](#))

Sclerotinia borealis Bubak et Vleugel 1917

F-4129 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: winter wheat, *Triticum* **sp.** Experimental field, Kazan State Agricultural Academy. Kazan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4130 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: *Agropyron repens*. Botanical Gardens of Mari State Technical University. Yoshkar-Ola. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4131 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: *Poa sp.* Territory of Tomsk State University. Tomsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4132 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. B. Ex: *Beta vulgaris*, root vegetable. Dacha. near Petropavlovsk-Kamchatsky. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4133 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. B. Ex: *Beta vulgaris*, root vegetable. Dacha. near Petropavlovsk-Kamchatsky. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4134 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Dacha. near Petropavlovsk-Kamchatsky. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4135 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Park. Petropavlovsk-Kamchatsky. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4136 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Park. Petropavlovsk-Kamchatsky. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4137 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. C. Ex: Gramineae. Kamchatka Territory, Kozyrevsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4138 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Kamchatka Territory, 28 km from Kozyrevsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4139 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Kamchatka Territory, Esso. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4140 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Kamchatka Territory,

Sokoch, 12 km from Petropavlovsk-Kamchatsky. Russia. Risk group: no.
(Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4141 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Territory of the Ethnographic Museum. Kamchatka Territory, Esso. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4142 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Poa **sp.** Pepelnoe Lake. Magadan Region, Khasyn District. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4143 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. C. Ex: Poa **sp.** Pepelnoe Lake. Magadan Region, Khasyn District. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4144 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Poa **sp.** near Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4145 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. C. Ex: plant of Asteraceae. Magadan, 60 km to north. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4146 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. C. Ex: plant of Cyperaceae. Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4147 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. C. Ex: Poa **sp.** Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4148 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. B. Ex: Rubus **sp.** Dacha. near Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4149 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. B. Ex: Allium cepa. Dacha. near Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4150 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy

of Sciences, Moscow, Russia. C. Ex: winter wheat, *Triticum* **sp.** Dacha. near Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4151 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. B. Ex: *Rubus* **sp.** Dacha. near Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4152 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. C. Ex: *Poa* **sp.** Dacha. near Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4153 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: plant of Cyperaceae. Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4154 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: plant of Cyperaceae. Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4155 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. C. Ex: *Carex globularis*. Dacha. near Magadan. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4156 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: *Lolium perenne*. Territory of Botanical Garden-Institute FEB RAS. Vladivostok. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4157 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: *Lolium perenne*. Territory of Botanical Garden-Institute FEB RAS. Vladivostok. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4158 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Yuzhno-Sakhalinsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4159 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: Gramineae. Yuzhno-Sakhalinsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia borealis Bubak et Vleugel 1917

F-4160 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. A. Ex: plant of Cyperaceae. Yuzhno-Sakhalinsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4161 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Arabis alpina*. Territory of N.V. Tsitsin Main Botanical Garden RAS. Moscow. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4162 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Aster novi-belgii*. Territory of N.V. Tsitsin Main Botanical Garden RAS. Moscow. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4163 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Sedum lidyum*. Territory of N.V. Tsitsin Main Botanical Garden RAS. Moscow. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4164 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Iris germanica*. Territory of N.V. Tsitsin Main Botanical Garden RAS. Moscow. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4165 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Edraianthus parnassicus*. Territory of Botanical Garden of Komarov Botanical Institute RAS. St.-Petersburg. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4166 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Matricaria chamomilla*. Field. Moscow Region, Snegiri. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4167 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Chrysanthemum cinerariaefolium*. Territory of Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4168 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Sedum sp.* Field. Moscow Region, Snegiri. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4169 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Aubrieta deltoidea*. Territory of N.V. Tsitsin Main Botanical Garden RAS. Moscow. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4170 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Sedum* **sp.** Territory of Botanical Garden of Komarov Botanical Institute RAS. St.-Petersburg. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4171 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Tripleurospermum perforatum*. Field, Institute of Cytology and Genetics SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4172 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Erigeron canadensis*. Field, Institute of Cytology and Genetics SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4173 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Stellaria media*. Field, Institute of Cytology and Genetics SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4174 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Stellaria media*. Field, Institute of Cytology and Genetics SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4175 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Trifolium* **sp.** Field, Institute of Cytology and Genetics SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4176 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Sedum* **sp.** Territory of Central Siberian Botanical Garden SB RAS. Novosibirsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4177 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Thlaspi arvense*. Territory of Botanical

Garden of Ural Branch RAS. Ekaterinburg. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4178 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Leucanthemum* **sp.** Territory of Botanical Garden of Ural Branch RAS. Ekaterinburg. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4179 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Hemerocallis* **sp.** Territory of Cheboksary branch of N.V. Tsitsin Main Botanical Garden RAS. Cheboksary. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4180 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Iris germanica*. Territory of Cheboksary branch of N.V. Tsitsin Main Botanical Garden RAS. Cheboksary. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4181 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Thlaspi arvense*. Territory of Cheboksary branch of N.V. Tsitsin Main Botanical Garden RAS. Cheboksary. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4182 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Sedum* **sp.** Territory of Cheboksary branch of N.V. Tsitsin Main Botanical Garden RAS. Cheboksary. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4183 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Tripleurospermum perforatum*. Territory of Cheboksary branch of N.V. Tsitsin Main Botanical Garden RAS. Cheboksary. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4184 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Phlox* **sp.** Territory of Cheboksary branch of N.V. Tsitsin Main Botanical Garden RAS. Cheboksary. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4185 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Helichrysum arenarium*. Territory of Polar-Alpine Botanical Garden-Institute (PABGI). Kirovsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4186 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Helichrysum arenarium*. Territory of Polar-Alpine Botanical Garden-Institute (PABGI). Kirovsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4187 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Digitalis purpurea*. Territory of Polar-Alpine Botanical Garden-Institute (PABGI). Kirovsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4188 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Myosotis* **sp.** Territory of Polar-Alpine Botanical Garden-Institute (PABGI). Kirovsk. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4189 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: *Daucus sativus*. Territory of All-Russian Research Institute of Vegetable Breeding and Seed Production. Moscow Region, Odintsovo District, VNISSOK. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia nivalis I. Saito 1997

F-4190 <-- Tkachenko O.B. N.V. Tsitsin Main Botanical Garden, Russian Academy of Sciences, Moscow, Russia. Ex: Gramineae. Store. Moscow Region, Mikhailovskoe. Russia. Risk group: no. (Medium [13](#), 7°C, S-4)

Sclerotinia ricini G.H. Godfrey 1919

F-100 <-- INMI, VKM F-100 <- CBS <- Godfrey G.H. Received as: *Botrytis ricini*. Synonym: *Botryotinia ricini* (G.H. Godfrey 1919) Whetzel 1945. State: am - *Amphobotrys ricini* (N.F. Buchwald 1949) Hennebert 1973; *Botrytis ricini* N.F. Buchwald 1949. (CBS 119.20). Ex: *Ricinus communis*. Risk group: no. (Medium [14](#), 25°C, C-1, F-1, S-5). ([6379](#))

Sclerotinia sclerotiorum (Libert 1837) de Bary 1884

F-879 <-- INMI, VKM F-879 <- DMA MSU. Received as: *Sclerotinia libertiana*. Synonym: *Sclerotinia libertiana* Fuckel 1870. Ex: *Helianthus annuus*. Risk group: no. (Medium [13](#), 25°C, C-5, C-11, S-5). ([5134](#), [5378](#), [7394](#))

Sclerotinia sclerotiorum (Libert 1837) de Bary 1884

F-1195 <-- INMI, VKM F-1195 <- EAN, EAN 158(35). Received as: *Sclerotinia sclerotiorum*. Ex: *Lupinus angustifolius*. Portugal. Risk group: no. (Medium [11](#), 25°C, C-5)

Scopulariopsis acremonium (Saccardo 1882) Bainier 1907

F-2411 <-- IBPM, IBPM F-252 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 96. Received as: *Scopulariopsis*

brevicaulis var. glabra. Synonym: Scopulariopsis brevicaulis (Saccardo 1881) Bainier 1907 var. glabra (Thom 1910) Thom 1930. Ex: oil painting. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Scopulariopsis asperula (Saccardo 1882) S. Hughes 1958

F-760 <-- INMI, VKM F-760 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 541. Received as: Scopulariopsis repens. Synonym: Penicillium repens (Bainier 1907) Biourge 1923, Scopulariopsis repens Bainer 1907. Ex: cattle feed. Kamenetz-Podolsky. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5378](#), [5604](#))

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-406 <-- INMI, VKM F-406 <- Sizova T.P. DMA MSU. Received as: Scopulariopsis brevicaulis. State: tm - Microascus brevicaulis Abbott 1998. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([1629](#), [2112](#), [2178](#), [5604](#), [6688](#), [7602](#), [7618](#))

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-407 <-- INMI, VKM F-407 <- National Research Center of Antibiotics, Moscow, Russia, RIA 280B. Received as: Scopulariopsis brevicaulis. State: tm - Microascus brevicaulis Abbott 1998. Ex: air. Silicate factory. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([7618](#))

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-759 <-- INMI, VKM F-759 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 530. Received as: Scopulariopsis brevicaulis. State: tm -Microascus brevicaulis S.P. Abbott 1998. Ex: cattle feed. Kamenetz-Podolsky. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-2409 <-- IBPM, IBPM F-251 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 30. Received as: Scopulariopsis brevicaulis. State: tm- Microascus brevicaulis Abbott 1998. Ex: oil painting. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([5378](#), [5604](#))

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-2483 <-- Russian scientific Research institute Electronstandart, Saint Petersburg, Russia. Received as: Scopulariopsis brevicaulis. State: tm - Microascus brevicaulis Abbott 1998. Ex: rubber. USSR. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-2528 <-- Department of Identification and Arbitration Examinations, Research Technological Institute for Plant Quarantine, Moscow, Russia. Received as: Scopulariopsis brevicaulis. State: tm - Microascus brevicaulis Abbott 1998. Ex: Hyppophae rhamnoides, vascular system. Kharkov. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([4838](#))

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-2671 <-- Rudakov O.L. INMI, VKM MF-14. Received as: *Torula graminis*. Ex: fungus, *Phytophthora infestans*. Moscow Region. Russia. Risk group: 4. (Medium [13](#), 25°C, C-1, C-7, C-8, F-1, S-5)

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-2733 <-- Rudakov O.L. INMI, VKM MF-130. Received as: *Verticillium aspergillus*. Other name: *Verticillium aspergillus* Berkeley et Broome 1873. Ex: fungus, *Laetiporus sulphureus*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5, C-1, C-8)

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-2738 <-- Rudakov O.L. INMI, VKM MF-137. Received as: *Scopulariopsis brevicaulis*. State: tm - *Microascus brevicaulis* Abbott 1998. Ex: fungus, *Fomes fomentarius*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, D-4, F-1, S-5). ([1368](#), [4169](#))

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-2764 <-- Rudakov O.L. INMI, VKM MF-231. Received as: *Scopulariopsis brevicaulis*. State: tm - *Microascus brevicaulis* Abbott 1998. Ex: fungus, *Puccinia graminis*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([1368](#))

Scopulariopsis brevicaulis (Saccardo 1882) Bainier 1907

F-3815 <-- Aleksandrova A.V. DMA MSU. Received as: *Scopulariopsis brevicaulis*. State: tm - *Microascus brevicaulis* Abbott 1998. Ex: *Sorex araneus*, fur. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Scopulariopsis brumptii Salvanet-Duval 1935

F-415 <-- INMI, VKM F-415 <- CBS, CBS 379.36. Received as: *Torula chartarum*. Synonym: *Torula chartarum* Corda 1840. (CBS 379.36; MUCL 7918). Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Scopulariopsis brumptii Salvanet-Duval 1935

F-3816 <-- Aleksandrova A.V. DMA MSU. Received as: *Scopulariopsis brumptii*. Ex: plaster. Church of Boris and Gleb, wall. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Scopulariopsis brumptii Salvanet-Duval 1935

F-3817 <-- Aleksandrova A.V. DMA MSU. Received as: *Scopulariopsis brumptii*. Ex: podzolic soil, A1 horizon. Complexed fir-grove with birch and alder, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Scopulariopsis candida Vuillemin 1911

F-3818 <-- Aleksandrova A.V. DMA MSU. Received as: *Scopulariopsis candida*. Ex: podzolic soil, A1 horizon. Complexed fir-grove with birch and alder, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Scopulariopsis carbonaria F.J. Morton et G. Smith 1963

F-4307 <-- Aleksandrova A.V. DMA MSU, S 343. Received as: *Scopulariopsis carbonaria*. Ex: dark margalite-ferralite soil on weathered basalt. Lowland mosoon semi-deciduous plydominant secondary forest with the domination of *Lagerstroemia calyculata*. Dong Nai Province. Vietnam. Risk group: 4. (Medium [13](#), 25°C, C-8, F-1, S-5)

Scopulariopsis coprophila (Cooke et Masee 1887) W. Gams 1971

F-2719 <-- Rudakov O.L. INMI, VKM MF-101. Received as: *Scopulariopsis fimicola*. Synonym: *Scopulariopsis fimicola* (Costantin et Matruchot 1894) Vuillemin 1911. Ex: fungus, *Agaricus bisporus*. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([8090](#), [5378](#), [5604](#))

Scopulariopsis croci J.F.H. Beyma 1944

F-2727 <-- Rudakov O.L. INMI, VKM MF-120. Received as: *Oospora nicotianae* Pezzolato 1899. Other name: *Oospora nicotianae* Pezzolato 1899. Ex: fungus, *Nectria cinnabarina*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Scopulariopsis flava (Sopp 1912) F.J. Morton et G. Smith 1963

F-2410 <-- IBPM, IBPM F-253 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 61. Received as: *Scopulariopsis brevicaulis* var. *alba*. Synonym: *Scopulariopsis brevicaulis* (Saccardo 1881) Bainier 1907 var. *alba* (Thom 1910) Thom 1930. Ex: oil painting. Risk group: 4. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([5134](#))

Scopulariopsis halophilica Tubaki 1973

F-204 Òype <-- INMI, VKM F-204 <- CBS, CBS 232.32. Received as: *Oospora halophila*. Synonym: *Oospora halophila* van Beyma 1933 Type strain, *Basipetospora halophila* (J.F.H.Beyma 1933) Pitt et A.D.Hockihg 1985. (CBS 232.32). Ex: crystal of salt. Utah. USA. Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5). ([8861](#), [7457](#), [7469](#))

Scopulariopsis koningii (Oudemans 1902) Vuillemin 1911

F-175 <-- INMI, VKM F-175 <- CBS, CBS 273.30 <- LCP. Received as: *Monilia koningii*. Synonym: *Monilia koningii* Oudemans 1902. (CBS 273.30 *Scopulariopsis brevicaulis*). Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([7456](#))

***Scopulariopsis* sp.**

F-3429 <-- Borisov B.A. AS Bioindustry, Moscow, Russia, PSi-PR91. Received as: *Paecilomyces* **sp.** Ex: *Luperodes menetriesi* infected by fungus, imago. Khanka Lake, bank. Primorsky Territory, Khankay District, Kamen-Rybolov. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Scytalidium terminale G.V. Rao et de Hoog 1975

F-420 Òype <-- INMI, VKM F-420 <- CBS, CBS 171.40. Received as: *Torula jaapii*. (CBS 171.40; CBS 195.84; IFO 6396; MUCL 7911; UAMH 5734). Ex: wood, *Camellia sinensis*. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-

1, F-1, S-5).

Seimatosporium pestalozzioides (Saccardo 1884) B. Sutton 1975

F-4074 <-- Ivanushkina N.E. VKM IBPM, 4.4/3. Received as: *Seimatosporium pestalozzioides*. Ex: *Castanea saliva*, bark. Zonguldak Province, Goekcebey, Colakpehlivan. Republic of Turkey. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5). ([4895](#))

Sepedonium macrosporum Saccardo et Cavara 1900

F-2774 <-- Rudakov O.L. INMI, VKM MF-260. Received as: *Sepedonium macrosporum*. Ex: fungus, *Erysiphe cichoracearum*. Odessa. Ukraine. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Septoria lycopersici Spegazzini 1881

F-1196 <-- INMI, VKM F-1196 <- EAN, EAN 162(448). Received as: *Septoria lycopersici*. Ex: *Lycopersicon esculentum*. Portugal. Risk group: no. (Medium [11](#), 25°C, C-8, S-5).

Serpula lacrymans (Wulfen 1781) J. Schroeter 1885

F-2331 <-- IBPM, IBPM F-80 <- DMA MSU. Received as: *Merulius lacrymans* (von Wulfen 1781) Fries 1821. Synonym: *Merulius lacrymans* (Wulfen 1781) Fries 1821. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([8062](#))

Simplicillium lamellicola (F.E.W. Smith 1924) Zare et W. Gams 2001

F-1467 <-- INMI, VKM F-1467 <- LWP, 127. Received as: *Cephalosporium acremonium*. Synonym: *Verticillium lamellicola* (F.E.V.Smith 1924) W.Gams 1971. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2068](#))

Simplicillium lamellicola (F.E.W. Smith 1924) Zare et W. Gams 2001

F-2867 <-- Rudakov O.L. INMI, VKM MF-551 <- CBS, CBS 343.37. Received as: *Verticillium lamellicola*. Synonym *Verticillium lamellicola* (F.E.V.Smith 1924) W.Gams 1971. (ATCC 22613; CBS 343.37; MUCL 9806). Ex: fungus, *Puccinia hordei*. Germany. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([1355](#))

Simplicillium lamellicola (F.E.W. Smith 1924) Zare et W. Gams 2001

F-4023 <-- Aleksandrova A.V. DMA MSU, 50. Received as: *Simplicillium lamellicola*. Ex: wood, decaying fastening beam. Deserted quarry, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Sistotrema brinkmannii (Bresadola 1903) J. Eriksson 1948

F-4640 <-- Grum-Grzhimaylo O.A. BBS MSU, 200. Ex: deep sludge, depth 1,9 m. Mesotrophic bog lake, White Sea Biological Station MSU. Republic of Karelia, Loukhsy District, Primorsky. Russia. DNA sequences: JX507710 (ITS), JX507711 (LSU). Risk group: no. (Medium [11](#), 18°C, C-11, S-4, S-5). ([8017](#))

Sordaria fimicola (Roberge ex Desmazieres 1849) Cesati et de Notaris 1863

F-1563 <-- INMI, VKM F-1563 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 53662. Received as: *Sordaria fimicola*. Ex: litter. Beech-hornbeam planting, Goloseevsky park. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5). ([5378](#))

Sordaria fimicola (Roberge ex Desmazieres 1849) Cesati et de Notaris 1863

F-3018 <-- Mirchink T.G. DSB MSU, 1 <- DMA MSU. Received as: *Sordaria fimicola*. Ex: soil. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Spadicesporium acrosporum V.N. Borisova et Dvoinos 1982

F-2012 Type <-- INMI, VKM F-2012 <- Borisova V.N. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 71603. Received as: *Spadicesporium acrosporum*. Ex: *Picea schrenkiana*, falling pine-needles. N.N. Grishko National Botanical Garden. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Spadicesporium acrosporum-majus V.N. Borisova et Dvoinos 1982

F-2013 Type <-- INMI, VKM F-2013 <- Borisova V.N. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 71099. Received as: *Spadicesporium acrosporum-majus*. Ex: *Fagus silvatica*, falling leaf. Kiev, Feofania. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Spadicesporium bifurcatum V.N. Borisova et Dvoinos 1982

F-2014 Type <-- INMI, VKM F-2014 <- Borisova V.N. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 71359. Received as: *Spadicesporium bifurcatum*. Ex: *Fagus silvatica*, falling leaf. Ivano-Frankovsk Region, Belyye Oslavy. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Spadicesporium bifurcatum-majus V.N. Borisova et Dvoinos 1982

F-2015 Type <-- INMI, VKM F-2015 <- Borisova V.N. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 71089. Received as: *Spadicesporium bifurcatum-majus*. Ex: *Pinus silvestris*, falling pine-needles. near Kiev, Boyarka. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Spadicesporium copiosum V.N. Borisova et Dvoinos 1982

F-2011 Type <-- INMI, VKM F-2011 <- Borisova V.N. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 71579. Received as: *Spadicesporium copiosum*. Ex: *Pinus flexilis*, falling pine-needles. N.N. Grishko National Botanical Garden. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Spadicesporium persistens V.N. Borisova et Dvoinos 1982

F-2009 Type <-- INMI, VKM F-2009 <- Borisova V.N. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 71121. Received as: *Spadicesporium persistens*. Ex: *Populus*

tremula, falling leaf. Ivano-Frankovsk Region, Belyye Oslavy. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([5134](#))

Spadicesporium ramosum V.N. Borisova et Dvoinos 1982

F-2010 Type <-- INMI, VKM F-2010 <- Borisova V.N. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 71069. Received as: *Spadicesporium ramosum*. Ex: *Betula pendula*, falling leaf. Kiev Region, Kruglik. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Sparassis crispa (Wulfen 1781) Fries 1821

F-1165 <-- INMI, VKM F-1165 <- Bukhalo A.S. M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Kiev, Ukraine <- IMAS. Received as: *Sparassis crispa* (von Wulfen 1781) Fries 1821. Ex: fruitbody. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Sphaeropsis sapinea (Fries 1823) Dyko et B. Sutton 1980

F-1176 <-- INMI, VKM F-1176 <- EAN, EAN 52(298). Received as: *Diplodia pinea*. Synonym: *Diplodia pinea* (Desmazieres 1842) J.Kickx 1867. Ex: *Pinus radiata* (= *P.insignis*). Portugal. Risk group: no. (Medium [11](#), 25°C, C-8, S-5). ([7396](#))

Sphaeropsis sapinea (Fries 1823) Dyko et B. Sutton 1980

F-1177 <-- INMI, VKM F-1177 <- EAN, EAN 54(300). Received as: *Diplodia pinea*. Synonym *Diplodia pinea* (Desmazieres 1842) J.Kickx 1867. Ex: *Pseudotsuga sp.* Portugal. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)

Sphaerostilbella penicillioides (Corda 1840) Rossman et al. 2015

F-2665 <-- Rudakov O.L. INMI, VKM MF-4a. Received as: *Gliocladium penicillioides*. Synonym: *Gliocladium penicillioides* Corda 1840. Ex: fungus, *Phytophthora infestans*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Sphaerostilbella penicillioides (Corda 1840) Rossman et al. 2015

F-2705 <-- Rudakov O.L. INMI, VKM MF-78. Received as: *Myrothecium verrucaria*. Synonym *Gliocladium penicillioides* Corda 1840. Ex: fungus, *Fusarium oxysporum*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([1368](#))

Sphaerostilbella penicillioides (Corda 1840) Rossman et al. 2015

F-2706 <-- Rudakov O.L. INMI, VKM MF-78a. Received as: *Myrothecium verrucaria*. Synonym *Gliocladium penicillioides* Corda 1840. Ex: fungus, *Fusarium oxysporum*. Moscow Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Spiniger meineckellus (A.J. Olson 1941) Stalpers 1974

F-4028 <-- Aleksandrova A.V. DMA MSU, 17. Received as: *Spiniger meineckellus*. State: tm -*Heterobasidion annosum* (Fries 1821) Brefeld 1889. Ex: *Sorex caecutiens*, fur on litter. Complexed fir-grove, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no.

(Medium [11](#), 25°C, F-1).

Spiniger meineckellus (A.J. Olson 1941) Stalpers 1974

F-4029 <-- Aleksandrova A.V. DMA MSU, 18. Received as: *Spiniger meineckellus*. State: tm -Heterobasidion annosum (Fries 1821) Brefeld 1889. Ex: *Sorex caecutiens*, fur on litter. Complexed fir-grove, Zabrovo line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Sporocadus lichenicola Corda 1839

F-3928 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-37. Received as: *Seimatosporium lichenicola*. Synonym: *Seimatosporium lichenicola* (Corda 1839) Shoemaker et E. Mueller 1964. Ex: *Castanea saliva*, sound plant leaf. Bartin Province, near Amasra. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Sporormiella intermedia (Auerswald 1868) S.I. Ahmed et Cain ex Kobayasi 1969

F-2171 <-- Bilanenko E.N. DMA MSU, 3/13 D. Received as: *Sporormiella intermedia*. Ex: tundra soil. Dickson Island. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([516](#))

Sporothrix fungorum de Hoog et G.A. de Vries 1973

F-4002 <-- Aleksandrova A.V. DMA MSU, 12. Received as: *Sporothrix fungorum*. Ex: *Sorex araneus*, fur on litter. Complexed fir-grove, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Sporotrichum aeruginosum Schweinitz 1886 var. *microsporium* Karsten 1905

F-2713 <-- Rudakov O.L. INMI, VKM MF-91. Received as: *Sporotrichum aeruginosum*. Ex: fungus, *Agaricus bisporus*. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5).

Sporotrichum bombycinum (Corda 1839) Rabenhorst 1844

F-866 <-- INMI, VKM F-866 <- VIZR, 341. Received as: *Sporotrichum bombycinum*. Ex: book. Library of Russian Academy of Sciences. St.-Petersburg. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Sporotrichum bombycinum (Corda 1839) Rabenhorst 1844

F-2582 <-- IBPM, IBPM F-259 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 100. Received as: *Sporotrichum bombycinum*. Ex: oil painting. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Sporotrichum gorlenkoanum Kuritzina et Sizova 1967

F-2583 Type <-- IBPM, IBPM F-260 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 38. Received as: *Sporotrichum gorlenkoanum*. Ex: oil painting. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Sporotrichum pruinosum J.C. Gilman et E.V. Abbott 1927

F-1764 <-- INMI, VKM F-1764 <- Novobranova T.I. DMA MSU, 431. Received as: *Sporotrichum pulverulentum*. Synonym: *Sporotrichum pulverulentum* Novobranova 1972 Isotype strain. (VTT D-85241). Ex: *Vitis vinifera*, berry at storage. Alma-Ata Region. Kazakhstan. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([149](#), [1097](#), [1322](#), [1388](#), [1490](#), [1553](#), [1763](#), [2929](#), [2988](#), [3010](#), [5604](#), [7877](#))

Sporotrichum pruinosum J.C. Gilman et E.V. Abbott 1927

F-1765 <-- INMI, VKM F-1765 <- Novobranova T.I. DMA MSU, 489. Received as: *Sporotrichum pulverulentum*. Synonym *Sporotrichum pulverulentum* Novobranova 1972 Isotype strain. Ex: *Vitis vinifera*, berry at storage. Alma-Ata Region. Kazakhstan. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([149](#), [1490](#), [1553](#))

Sporotrichum pruinosum J.C. Gilman et E.V. Abbott 1927

F-1766 <-- INMI, VKM F-1766 <- Novobranova T.I. DMA MSU, 851. Received as: *Sporotrichum pulverulentum*. Synonym *Sporotrichum pulverulentum* Novobranova 1972 Isotype strain. Ex: *Vitis vinifera*, berry at storage. Alma-Ata Region. Kazakhstan. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([149](#), [1490](#), [1553](#))

Sporotrichum pruinosum J.C. Gilman et E.V. Abbott 1927

F-1767 <-- INMI, VKM F-1767 <- Novobranova T.I. DMA MSU, 599. Received as: *Sporotrichum pulverulentum*. Synonym *Sporotrichum pulverulentum* Novobranova 1972 Type strain. (ATCC 24725; CBS 481.73; CECT 2798; IMI 174 727; LCP 87.3505; MUCL 19343; NRRL 6361; UAMH 4521; VTT D-85242; VTT D-86270). Ex: *Vitis vinifera*, berry at storage. Alma-Ata Region. Kazakhstan. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([8811](#), [149](#), [332](#), [582](#), [1490](#), [1553](#), [2234](#), [2235](#), [2236](#), [2237](#), [2238](#), [2239](#), [2240](#), [2241](#), [2242](#), [2243](#), [2244](#), [2245](#), [2246](#), [2247](#), [2248](#), [2249](#), [2250](#), [2251](#), [2252](#), [2253](#), [2254](#), [2255](#), [2256](#), [2257](#), [2258](#), [2259](#), [2260](#), [2261](#), [2262](#), [2263](#), [2264](#), [2265](#), [2266](#), [2267](#), [2268](#), [2269](#), [2270](#), [2271](#), [2272](#), [2273](#), [2274](#), [3108](#), [3109](#), [3110](#), [3111](#), [3272](#), [2762](#), [2773](#), [2911](#), [2914](#), [3067](#), [3087](#), [3088](#), [3089](#), [3090](#), [3091](#), [3092](#), [3093](#), [3094](#), [3095](#), [3096](#), [3097](#), [3098](#), [3099](#), [3100](#), [3101](#), [3102](#), [3103](#), [3104](#), [3105](#), [3106](#), [3107](#), [3112](#), [3113](#), [3114](#), [3115](#), [3116](#), [3117](#), [3118](#), [3119](#), [3120](#), [3177](#), [3181](#), [3184](#), [3185](#), [3192](#), [3212](#), [3219](#), [3221](#), [3265](#), [3266](#), [3292](#), [3505](#), [3669](#), [3672](#), [3836](#), [3842](#), [4117](#), [4282](#), [4348](#), [4468](#), [4479](#), [4494](#), [4545](#), [5984](#), [6258](#), [6422](#), [6477](#), [6670](#), [6695](#), [6701](#), [6712](#), [6713](#), [6734](#), [6801](#), [6817](#), [6841](#), [6862](#), [6863](#), [6976](#), [7662](#))

Sporotrichum pruinosum J.C. Gilman et E.V. Abbott 1927

F-2108 <-- INMI, VKM F-2108 <- TUB. Received as: *Sporotrichum pruinosum*. University park. Pennsylvania. USA. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Sporotrichum pruinosum J.C. Gilman et E.V. Abbott 1927

F-3556 <-- Okunev O.N. IBPM <- ATCC, ATCC 24782. Received as: *Sporotrichum pruinosum*. Synonym *Chrysosporium pruinosum* (Gilman et Abbott 1927)

Carmichael 1962. (ATCC 24782; CBS 171.61; IMB 450; IMI 110120; QM 826; UAMH 889). Ex: army hat head band. Papua New Guinea. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([3189](#), [3262](#), [3269](#), [3353](#), [4117](#))

Sporotrichum roseolum Oudemans et Beijerinck 1903

F-868 <-- INMI, VKM F-868 <- VIZR, 445. Received as: *Sporotrichum roseolum*. Ex: book. St.-Petersburg. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-410 <-- INMI, VKM F-410 <- LCP, LCP 632. Received as: *Stachybotrys atra*. Synonym: *Stachybotrys atra* Corda 1837. (LCP 632). Ex: old wallpaper. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5). ([2232](#))

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-411 <-- INMI, VKM F-411 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 4. Received as: *Stachybotrys atra*. Synonym *Stachybotrys atra* Corda 1837. Ex: engraver paper. Russian State Library. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-7, C-8, F-1, S-5). ([3068](#))

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-730 <-- INMI, VKM F-730 <- Mirchink T.G. DSB MSU, 39. Received as: *Stachybotrys alternans*. Synonym *Stachybotrys alternans* Bonorden 1851. Ex: soil. Pamir Mountains. USSR. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-742 <-- INMI, VKM F-742 <- Mirchink T.G. DSB MSU, 148. Received as: *Stachybotrys atra*. Synonym *Stachybotrys atra* Corda 1837. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-910 <-- INMI, VKM F-910 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Stachybotrys alternans*. Synonym *Stachybotrys alternans* Bonorden 1851. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-1031 <-- INMI, VKM F-1031 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 21223-3824. Received as: *Stachybotrys alternans*. Synonym *Stachybotrys alternans* Bonorden 1851. Risk group: no. (Medium [13](#), 25°C, C-7, C-8, F-1, S-5)

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-1991 <-- INMI, VKM F-1991 <- Mirchink T.G. DSB MSU, 219. Received as: *Stachybotrys lobulata*. Synonym *Stachybotrys lobulata* (Berkeley 1841) Berkeley 1860. Ex: sandy soil. Republic of Egypt. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-2419 <-- IBPM, IBPM F-297 <- DMA MSU. Received as: *Stachybotrys lobulata*.
Synonym *Stachybotrys lobulata* (Berkeley 1841) Berkeley 1860. Risk group:
no. (Medium [13](#), 25°C, C-7, C-8, F-1, S-5)

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-3005 <-- Mirchink T.G. DSB MSU, 392. Received as: *Stachybotrys atra*. Synonym
Stachybotrys atra Corda 1837. Ex: soil, typical chernozem. Kursk. Russia.
Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([6766](#), [8258](#))

Stachybotrys chartarum (Ehrenberg 1818) S. Hughes 1958

F-3839 <-- Aleksandrova A.V. DMA MSU, Dm26. Received as: *Stachybotrys*
chartarum. Ex: desert loess soil. Negev Desert, stony desert, bank of dry
briverbed Nahal Besor. Israel. Risk group: no. (Medium [13](#), 25°C, C-8, F-1,
S-5). ([6379](#), [8256](#))

Stachybotrys cylindrospora C.N. Jensen 1912

F-3049 <-- Zaprometova K.M. V.N. Sukachev Laboratory of Biogeocoenology, A.N.
Severtsov Institute of Ecology and Evolution RAS, Moscow, Russia.
Received as: *Stachybotrys cylindrospora*. Ex: silicone glue Durazil
(Germany). Aquarium, Exhibition of National Economic Achievement.
Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).
([6379](#))

Stachylidium bicolor Link 1809

F-4477 <-- IHEM, IHEM 20007 <- Direction de la Sante, Luxembourg. Received as:
Stachylidium bicolor. Ex: air. Luxembourg. Risk group: no. (Medium [13](#),
25°C, C-8, F-1, S-5).

Stachylidium variabile Schulzer et Saccardo 1884

F-2734 <-- Rudakov O.L. INMI, VKM MF-132. Received as: *Stachylidium*
variabile. Ex: fungus, *Valsa abietis*. Moscow Region. Russia. Risk group: no.
(Medium [11](#), 25°C, F-1, S-5). ([3068](#))

Stagonospora elegans (Berkeley 1841) Saccardo et Traverso 1911

F-2515 <-- IBIW, 2614. Received as: *Stagonospora elegans*. Ex: *Phragmites*
communis, stem. Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group:
no. (Medium [11](#), 25°C, C-8, S-5).

Stagonospora paludosa (Saccardo et Spegazzini 1879) Saccardo 1884

F-2516 <-- IBIW, 2759. Received as: *Stagonospora paludosa*. Ex: *Carex sp.*, leaf.
Pond. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, S-
5)

Stagonosporopsis hortensis (Saccardo et Malbranche 1882) Petrak 1921

F-2443 <-- DMA MSU, 58. Received as: *Ascochyta boltshauseri*. Synonym:
Ascochyta boltshauseri Saccardo 1891. Ex: *Onobrychis pulchella*. USSR.
Risk group: no. (Medium [11](#), 25°C, C-5, F-1, S-5). ([4117](#))

Stagonosporopsis trachelii (Allescher 1895) Aveskamp et al. 2010

F-2447 <-- DMA MSU, 55. Received as: *Ascochyta bohemica*. Synonym: *Ascochyta bohemica* Kabat et Bubak 1905. Ex: *Campanula sp.*, leaf. USSR. Risk group: no. (Medium [13](#), 25°C, C-5, F-1, S-5). ([1855](#))

Stemphylium botryosum Wallroth 1833

F-3044 <-- Levkina L.M. DMA MSU, T-1 1/7. Received as: *Stemphylium botryosum*. Ex: *Gossypium sp.*, leaf. State Farm Imeni Lenina. Dushanbe. Tajikistan. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Stemphylium lycopersici (Enjoji 1931) W. Yamamoto 1960

F-4381 <-- Gannibal F.B. VIZR, 106-011. Received as: *Stemphylium lycopersici*. Ex: *Lycopersicon esculentum*, leaf. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Stemphylium sarciniforme (Cavara 1890) Wiltshire 1938

F-3038 <-- Karavaeva E.V. Saint Petersburg state university, Saint Petersburg, Russia, LZ-2. Received as: *Stemphylium sarciniforme*. Ex: *Trifolium pratense*. Sukhumi Region, Ochamchira District. Abkhazia. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Stemphylium sarciniforme (Cavara 1890) Wiltshire 1938

F-3092 <-- Karavaeva E.V. Saint Petersburg state university, Saint Petersburg, Russia, L3-2. Received as: *Stemphylium sarciniforme*. Ex: *Trifolium pratense*. Leningrad Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Stemphylium sarciniforme (Cavara 1890) Wiltshire 1938

F-3093 <-- Karavaeva E.V. Saint Petersburg state university, Saint Petersburg, Russia, B 1H. Received as: *Stemphylium sarciniforme*. Ex: *Trifolium pratense*. Belgorod Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Stemphylium vesicarium (Wallroth 1833) E.G. Simmons 1969

F-4300 <-- Gannibal F.B. VIZR, 168-011. Received as: *Stemphylium vesicarium*. Ex: *Allium porrum*, leaf. Maykop Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Adygea, Maykop District, Podgornij. Russia. Risk group: no. (Medium [260](#), 25°C Growth condition: UV., C-8, F-1, S-5)

Stemphylium vesicarium (Wallroth 1833) E.G. Simmons 1969

F-4335 <-- Gannibal Ph.B. VIZR, 464-011. Received as: *Stemphylium vesicarium*. Ex: *Papaver rhoeas*, stem. Stavropol Territory, Izobilniy District. Russia. Risk group: no. (Medium [14](#), 25°C, C-8, F-1, S-5)

Stenocarpella maydis (Berkeley 1847) B. Sutton 1980

F-3611 <-- Dudchenko I.P. Department of Identification and Arbitration Examinations, Research Technological Institute for Plant Quarantine, Moscow, Russia. Received as: *Diplodia maydis*. Synonym: *Diplodia maydis* (Berkeley 1847) Saccardo 1884, *Diplodia zaeae* (Schweinitz 1832) Leveille

1848. Ex: Zea mays, seeds. Argentina. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([5134](#), [7396](#))

Stereum hirsutum (Willdenow 1787) Persoon 1800

F-1449 <-- INMI, VKM F-1449 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Stereum hirsutum* (Willdenow 1787) Persoon 1800. Ex: fruitbody on *Betula* **sp.** Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Stereum hirsutum (Willdenow 1787) Persoon 1800

F-3227 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 23-82. Received as: *Stereum hirsutum* (Willdenow 1787) Persoon 1800. Ex: fruitbody on dry *Betula* **sp.** Smolensk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Stereum sanguinolentum (Albertini et Schweinitz 1805) Fries 1838

F-1455 <-- INMI, VKM F-1455 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Stereum sanguinolentum* (Albertini et Schweinitz 1805) Fries 1838. Risk group: no. (Medium [9](#), 25°C, C-5, C-8, C-12, S-4, S-5)

Stilbella bulbicola Hennings 1905

F-1708 <-- INMI, VKM F-1708 <- Botanical Garden-Institute FEB RAS, near Vladivostok, Russia, 3. Received as: *Stilbum bulbicola*. Synonym: *Stilbum bulbicola* (Hennings 1905) M.A.Litvinov 1967. Ex: meadow-brown soil under soya. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Stilbotulasnella conidiophora Bandoni et Oberwinkler 1982

F-2963 <-- Oberwinkler F., Germany, FO 31991.b. Received as: *Stilbotulasnella conidiophora* Bandoni et Oberwinkler 1982. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5).

Striaticonidium brachysporum (Nicot 1961) L. Lombard et Crous 2016

F-1489 <-- INMI, VKM F-1489 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52380. Received as: *Myrothecium ucrainicum*. Synonym: *Myrothecium ucrainicum* Pidoplichko et Kirilenko 1969 Type strain. (ATCC 22270; CBS 131.71; CCRC 32338; IMI 158441). Ex: *Avena sativa*, root. Kiev. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([609](#), [6379](#), [8256](#))

Striaticonidium cinctum (Corda 1842) L. Lombard et Crous 2016

F-1550 <-- INMI, VKM F-1550 <- CBS, CBS 932.69. Received as: *Myrothecium catenulatum*. Synonym: *Myrothecium cinctum* (Corda 1842) Saccardo 1886 Ex-epitype strain. (CBS 932.69; IMI 145760). Ex: agricultural soil. Wageningen. Netherlands. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Strobilomyces strobilaceus (Scopoli 1770) Berkeley 1851

F-3077 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-40. Received as: *Strobilomyces floccopus*. Synonym: *Strobilomyces floccopus* (Vahl 1799) P.Karsten 1882. Ex: soil. Kedrovaya River, low stream, Kedrovaya Pad Nature Reserve, Far East. Primorsky Territory. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Stropharia rugosoannulata Farlow ex Murrill 1922

F-3134 <-- Semashko A.Yu. All-Russian Research Institute for Nature Protection, Moscow, Russia, P-140. Received as: *Stropharia rugosoannulata* Farlow ex Murrill 1922. Ex: soil under ginseng with sawdust. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([4225](#), [6766](#), [8258](#))

Suillus luteus (Linnaeus 1753) Roussel 1806

F-3116 <-- Boiko T.A. Perm State University of Humanities and Education, Perm, Russia, 103-86. Received as: *Suillus luteus* (Linnaeus 1753) Roussel 1806. Russia. Risk group: no. (Medium [9](#), 25°C, S-4, S-5).

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-438 <-- INMI, VKM F-438 <- DMA MSU. Received as: *Cunninghamella albida*. MT+. Other name: *Cunninghamella albida* (Saccardo 1881) Matruchot 1903. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1). ([4028](#))

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-505 <-- INMI, VKM F-505 <- Eroshin V.K. IBPM <- DMA MSU, 185. Received as: *Syncephalastrum cinereum*. Synonym *Syncephalastrum cinereum* Bainier 1907. MT+. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1365](#))

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-622 <-- INMI, VKM F-622 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 226. Received as: *Syncephalastrum cinereum*. Synonym *Syncephalastrum cinereum* Bainier 1907. MT+. Ex: *Theobroma cacao*, bean. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1)

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-623 <-- INMI, VKM F-623 <- Eroshin V.K. IBPM <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 167. Received as: *Syncephalastrum cinereum*. Synonym *Syncephalastrum cinereum* Bainier 1907. MT+. Ex: noodles. Kharkov. Ukraine. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1). ([607](#), [1365](#), [4028](#))

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-624 <-- INMI, VKM F-624 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 289/12. Received as: *Syncephalastrum cinereum*. Synonym *Syncephalastrum cinereum* Bainier 1907. MT-. Risk group: 4. (Medium [9](#),

25°C, C-1, D-4, F-1). ([1365](#))

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-625 <-- INMI, VKM F-625 <- Eroshin V.K. IBPM <- DMA MSU, 186. Received as: *Syncephalastrum* sp. MT+. Risk group: 4. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1365](#))

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-695 <-- INMI, VKM F-695 <- Orlova A.A. DMA MSU. Received as: *Chaetostylum fresenii*. Other name: *Chaetostylum fresenii* van Tieghem et G. Le Monnier 1873. Ex: *Pinus silvestris*, seeds. Moscow Region, Pushkino. Russia. Risk group: 4. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1)

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-1060 <-- INMI, VKM F-1060 <- DMA MSU. Received as: *Syncephalastrum racemosum*. Ex: soil. Syria. Risk group: 4. (Medium [9](#), 25°C, C-1, C-8, D-4, F-1)

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-1358 <-- INMI, VKM F-1358 <- DMA MSU. Received as: *Cunninghamella albida*. Synonym *Syncephalastrum cinereum* Bainier 1907. Other name: *Cunninghamella albida* (Saccardo 1881) Matruchot 1903. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1)

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-1768 <-- INMI, VKM F-1768 <- Novobranova T.I. DMA MSU, 613. Received as: *Syncephalastrum alma-ataence*. Other name: *Syncephalastrum alma-ataence* Novobranova 1972 Type strain. Ex: *Vitis vinifera*, affected berries. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([149](#), [1365](#), [4028](#), [5134](#))

Syncephalastrum racemosum Cohn ex J. Schroeter 1886

F-1769 <-- INMI, VKM F-1769 <- Novobranova T.I. DMA MSU, 640. Received as: *Syncephalastrum alma-ataence*. Other name: *Syncephalastrum alma-ataence* Novobranova 1972. (MUCL 28735). Ex: *Vitis vinifera*, affected berries. Alma-Ata. Kazakhstan. Risk group: 4. (Medium [9](#), 25°C, C-1, D-4, F-1, S-5). ([149](#), [1365](#))

Syncephalis cornu van Tieghem et G. Le Monnier 1873

F-1420 <-- INMI, VKM F-1420 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 0312. Received as: *Syncephalis cornu*. (CCF 1584). Ex: horse manure. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, D-4, F-1).

Syncephalis nodosa van Tieghem 1875

F-779 <-- INMI, VKM F-779 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4164. Received as: *Syncephalis nodosa*. (ATCC 42615; CBS 149.69; CBS 416.54; CCF 1576; NRRL 1463). Ex: manure. Zoological

garden. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-8, F-1, S-5). ([1307](#))

Taeniolella aquatilis (Woronichin 1925) Milko 1985

F-2212 Neotype <-- Milko A.A. IBIW, 4590. Received as: *Taeniolella aquatilis*. Synonym: *Septonema aquatile* Woronichin 1925. Ex: water. Nero Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 30°C, C-5, C-8, F-1, S-5).

Talaromyces emersonii Stolk 1965

F-2046 <-- INMI, VKM F-2046 <- EFPL C-463. Received as: *Talaromyces emersonii*. Risk group: no. (Medium [12](#), 25°C, D-4, F-1).

Talaromyces flavus (Kloecker 1902) Stolk et Samson 1972

F-1837 <-- INMI, VKM F-1837 <- Zakharova L.I. IBIW, 385. Received as: *Talaromyces flavus*. Ex: water, depth of 2 m. Bottom, Volgograd Reservoir. Russia. Risk group: no. (Medium [13](#), 25°C, D-4, F-1)

Talaromyces flavus (Kloecker 1902) Stolk et Samson 1972

F-3017 <-- Mirchink T.G. DSB MSU, 436. Received as: *Talaromyces flavus*. Ex: *Trifolium sp.* Experimental Station of Faculty of Soil Science, MSU. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, D-4, F-1)

Talaromyces flavus (Kloecker 1902) Stolk et Samson 1972

F-3104 <-- Mirchink T.G. DSB MSU 2-1a-30. Received as: *Talaromyces flavus*. Ex: soil. USSR. Risk group: no. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5)

Talaromyces flavus (Kloecker 1902) Stolk et Samson 1972 var. *flavus*

F-301 <-- INMI, VKM F-301 <- Scientific-Research and Technological Institute of Antibiotics and Enzymes for Medical Purposes, Saint Petersburg, Russia, 1116/14. Received as: *Penicillium liani*. Synonym *Penicillium vermiculatum* Dangeard 1907, *Penicillium liani* Kamyschko 1962 Type strain. (ATCC 18325; ATCC 18331; CBS 225.66; IMI 098480; NRRL 3380). Ex: soil. China. Risk group: no. (Medium [12](#), 25°C, C-1, D-4, F-1, S-5). ([8861](#), [6461](#), [7356](#), [7442](#), [7470](#), [7472](#), [8267](#))

Talaromyces funiculosus (Thom 1910) Samson et al. 2011

F-4665 <-- Grum-Grzhimaylo O.A. BBS MSU. Ex: surface sludge, depth from lake surface 1,6 m. Fresh-marine lake, White Sea Biological Station MSU. Republic of Karelia, Loukhsky District, Primorsky. Russia. DNA sequences: JX507726. Risk group: no. (Medium [9](#), 18°C, D-4, F-1)

Talaromyces luteus (Zukal 1889) C.R. Benjamin 1955

F-304 <-- INMI, VKM F-304 <- LCP, LCP 669. Received as: *Penicillium luteum*. Synonym: *Penicillium luteum* Zukal 1889. (LCP 669). Ex: soil. Flanders. Belgium. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1410](#), [1812](#), [5604](#), [6406](#))

Talaromyces luteus (Zukal 1889) C.R. Benjamin 1955

F-306 <-- INMI, VKM F-306 <- Pushkinskaya O.I. INMI, 510-1 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 510.

Received as: *Penicillium luteum*. Synonym *Penicillium luteum* Zukal 1889. Ex: cattle feed. Kamenetz-Podolsky. Ukraine. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5). ([2227](#), [5500](#), [5725](#), [8074](#))

Talaromyces luteus (Zukal 1889) C.R. Benjamin 1955

F-307 <-- INMI, VKM F-307 <- Pushkinskaya O.I. INMI, 255-1 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine. Received as: *Penicillium luteum*. Synonym *Penicillium luteum* Zukal 1889. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1410](#), [1790](#), [6406](#))

Talaromyces luteus (Zukal 1889) C.R. Benjamin 1955

F-308 <-- INMI, VKM F-308 <- Pushkinskaya O.I. INMI, 421-1 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine. Received as: *Penicillium luteum*. Synonym *Penicillium luteum* Zukal 1889. Ex: Genoa lemon. Kharkov. Ukraine. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5). ([1790](#), [6379](#))

Talaromyces luteus (Zukal 1889) C.R. Benjamin 1955

F-2691 <-- Rudakov O.L. INMI, VKM MF-49. Received as: *Penicillium luteum*. Synonym *Penicillium luteum* Zukal 1889. Ex: fungus, *Lactarius resimus*. Sakhalin Island. Russia. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5)

Talaromyces luteus (Zukal 1889) C.R. Benjamin 1955

F-2731 <-- Rudakov O.L. INMI, VKM MF-126. Received as: *Penicillium luteum*. Synonym *Penicillium luteum* Zukal 1889. Ex: fungus, *Fomes fomentarius*. Moscow Region. Russia. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5)

Talaromyces stipitatus (Thom 1935) C.R. Benjamin 1955

F-2090 Òype <-- INMI, VKM F-2090 <- Kocur M. CCM, CCM F-174. Received as: *Penicillium stipitatum*. (ATCC 10500; CCM F-174; CBS 375.48; IMI 39805; NRRL 1006; QM 6759; Thom 5217.10). Ex: decaying wood. Louisiana. USA. Risk group: no. (Medium [12](#), 25°C, C-1, D-4, F-1). ([6379](#))

Talaromyces thermophilus Stolk 1965

F-2043 Òype <-- INMI, VKM F-2043 <- TUB. Received as: *Penicillium dupotii*. (ATCC 10518; ATCC 16461; ATCC 52514; CBS 236.58; FRR 2155; IFO 31798; IMI 48593; NRRL 2155; QM 1851). Ex: *Parthenium argentatum*. Decaying shrub. California. USA. Risk group: no. (Medium [12](#), 40°C, C-8, D-4, F-1). ([208](#), [6766](#), [7470](#), [8258](#))

Talaromyces ucrainicus Udagawa 1966

F-381 <-- INMI, VKM F-381 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 414. Received as: *Penicillium vermiculatum*. Synonym: *Penicillium vermiculatum* Dangeard 1907. Ex: cork of laboratory flask with solution of hyposulphite. Kharkov. Ukraine. Risk group: no. (Medium [12](#), 25°C, C-8, D-4, F-1)

Talaromyces ucrainicus Udagawa 1966

F-907 Type <-- INMI, VKM F-907 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 215. Received as: *Penicillium ucrainicum*.

Synonym *Talaromyces panasenkoi* Pitt 1980 Type strain. State: am -
Penicillium ucrainicum Panasenko 1964 Type strain. (ATCC 18352; CBS
626.67; FRR 644; IFO (now NBRC) 31758; IMI 129962). Ex: potato starch.
Kharkov. Ukraine. Risk group: no. (Medium [12](#), 25°C, C-1, D-4, F-1)

Talaromyces ucrainicus Udagawa 1966

F-2765 <-- Rudakov O.L. INMI, VKM MF-234. Received as: *Penicillium*
vermiculatum. Synonym *Penicillium vermiculatum* Dangeard 1907. Ex:
fungus, *Erysiphe cichoracearum*. Moscow. Russia. Risk group: no. (Medium
[12](#), 25°C, D-4, F-1, S-5)

Talaromyces wortmannii (Kloecker 1903) C.R. Benjamin 1955

F-2091 <-- INMI, VKM F-2091 <- Kocur M. CCM, CCM F-175. Received as:
Talaromyces wortmannii. (ATCC 26942; CBS 387.67; CCM F-175). Risk
group: no. (Medium [12](#), 25°C, C-8, D-4, F-1)

Talaromyces wortmannii (Kloecker 1903) C.R. Benjamin 1955

F-2518 <-- IBPM, IBPM F-174 <- DMA MSU. Received as: *Talaromyces*
wortmannii. Risk group: no. (Medium [12](#), 25°C, C-8, D-4, F-1, S-5)

Talaromyces wortmannii (Kloecker 1903) C.R. Benjamin 1955

F-3144 <-- Artyshkova L.V. Danilo Zabolotny Institute of Microbiology and
Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4893.
Received as: *Talaromyces wortmannii*. Ex: cotton plant rhizosphere,
Gossypium sp. Risk group: no. (Medium [12](#), 25°C, D-4, F-1, S-5)

Taphrina pruni (Fuckel 1861) Tulasne 1866

F-2966 <-- Golubev V.I. VKM IBPM <- Oberwinkler F., Germany, FO 30246.00.
Received as: *Taphrina pruni*. Risk group: no. (Medium [11](#), 25°C, C-5, C-11,
S-5).

Tapinella panuoides (Batsch 1783) E.-J. Gilbert 1931

F-435 <-- INMI, VKM F-435 <- V.A. Kucherenko Central Research Institute of
Building Constructions, Moscow, Russia. Received as: *Paxillus acheruntius*
(Humboldt 1793) Schroeter 1884. Synonym: *Paxillus acheruntius* (Humboldt
1793) Schroeter 1884, *Paxillus panuoides* (Fries 1818) Fries 1838. Risk
group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Tapinella panuoides (Batsch 1783) E.-J. Gilbert 1931

F-2348 <-- IBPM, IBPM F-88 <- DMA MSU. Received as: *Paxillus acheruntius*
(Humboldt 1793) Schroeter 1884. Synonym *Paxillus acheruntius* (Humboldt
1793) Schroeter 1884, *Paxillus panuoides* (Fries 1818) Fries 1838. Risk
group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Teberdinia hygrophila Sogonov et al. 2005

F-4282 Authentic strain <-- Sogonov M.V. DMA MSU. Received as: *Teberdinia hygrophila*. (CBS
102671). Ex: soil. Teberda State Biosphere Reserve. Karachay-Cherkess
Republic, Teberda District. Russia. DNA sequences: MF375774. Risk group:
no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Tetraploa aristata Berkeley et Broome 1850

F-2425 <-- IBPM, IBPM F-340 <- DMA MSU. Received as: *Tetraploa aristata*. State: tm - *Lophiostoma tetraploa* (Scheuer 1991) Aptroot et K.D. Hyde 2002. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, S-5).

Thamnidium elegans Link 1809

F-696 <-- INMI, VKM F-696 <- Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 395. Received as: *Thamnidium elegans*. USSR. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, C-7, D-4, F-1, S-5). ([4028](#))

Thamnidium elegans Link 1809

F-2426 <-- IBPM, IBPM F-46 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia. Received as: *Thamnidium elegans*. Ex: oil painting. USSR. Risk group: no. (Medium [9](#), 20°C, C-7, C-13, D-4, F-1, S-5). ([5134](#))

Thamnidium elegans Link 1809

F-2427 <-- IBPM, IBPM F-46-2 <- VIZR. Received as: *Thamnidium elegans*. Ex: *Populus* **sp.** Risk group: no. (Medium [9](#), 20°C, C-13, D-4, F-1, S-5). ([4028](#))

Thamnostylum piriforme (Bainier 1880) Arx et H.P. Upadhyay 1970

F-973 <-- INMI, VKM F-973 <- IFO, Hel.1. Received as: *Helicostylum* **sp.** Synonym: *Helicostylum piriforme* Bainier 1880. Risk group: no. (Medium [9](#), 20°C, C-1, C-8, D-4, F-1).

Thamnostylum piriforme (Bainier 1880) Arx et H.P. Upadhyay 1970

F-974 <-- INMI, VKM F-974 <- IFO, Hel.2. Received as: *Helicostylum* **sp.** Synonym *Helicostylum piriforme* Bainier 1880. Risk group: no. (Medium [9](#), 20°C, C-1, D-4, F-1, S-5)

Thamnostylum piriforme (Bainier 1880) Arx et H.P. Upadhyay 1970

F-1061 <-- INMI, VKM F-1061 <- Mirchink T.G. DSB MSU, 7(5.84). Received as: Genus **sp.** Synonym *Helicostylum piriforme* Bainier 1880. Ex: soil. New Guinea Island. Papua New Guinea. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([1365](#), [2232](#))

Thamnostylum piriforme (Bainier 1880) Arx et H.P. Upadhyay 1970

F-1068 <-- INMI, VKM F-1068 <- Mirchink T.G. DSB MSU, 8(5). Received as: Genus **sp.** Synonym *Helicostylum piriforme* Bainier 1880. Ex: soil. New Guinea Island. Papua New Guinea. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([1365](#), [5003](#), [6101](#), [7914](#))

Thelebolus microsporus (Berkeley et Broome 1865) Kimbrough 1967

F-4545 <-- VKM IBPM, VKM FW-3201. Received as: *Thelebolus microsporus*. Ex: soil, Observatory Mirny, soil pit LA55 Mr-01 mb, depth 0–0,01 m. Queen Mary Land, Antarctica. DNA sequences: JN835197. Risk group: no. (Medium [11](#), 10°C, C-8, F-1, S-5). ([5790](#))

Thelebolus microsporus (Berkeley et Broome 1865) Kimbrough 1967

F-4759 <-- VKM IBPM, VKM FW-3295. Received as: *Thelebolus microsporus*. Ex: soil from uppermost organomineral horizon under a thin and sparse lichen

cover, Druzhnaya-4 Station, soil pit LA56-Dr-03, depth 0,02–0,06 m. Landing nunatak, Mac. Robertson Land, Antarctica. DNA sequences: MF120208. Risk group: no. (Medium [9](#), 20°C, C-8, F-1, S-5)

Thelebolus polysporus (P. Karsten 1871) Otani et Kanzawa 1970

F-2454 <-- IBIW, 834C. Received as: *Ryparobius polysporus*. Synonym: *Ryparobius polysporus* (P.Karsten 1871) Saccardo 1882. Ex: *Stizostedion lucioperca*, contents of stomach. Pybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [1](#), 25°C, C-1, F-1, S-4, S-5)

***Thermomyces* sp.**

F-3840 <-- Aleksandrova A.V. DMA MSU, Dm25. Received as: *Thermomyces* sp. Ex: desert loess soil. Negev Desert, stony desert, bank of dry briverbed Nahal Besor. Israel. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Thielavia appendiculata Srivastava et al. 1966

F-1733 <-- INMI, VKM F-1733 <- Shkurenko V.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 61877. Received as: *Thielavia leptodermus*. Ex: maize rhizosphere, *Zea mays*. Chernovtsy Region, Kruglik. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-1, F-1, S-5). ([6379](#), [8256](#))

Thielavia hyrcaniae Nicot 1961

F-1717 Öype <-- INMI, VKM F-1717 <- LCP, LCP 1645. Received as: *Thielavia hyrcaniae*. (CBS 353.62; IFO 8807; LCP 1645). Ex: sand dune. Iran. Risk group: no. (Medium [13](#), 25°C, C-1, F-1, S-5)

Thielavia inaequalis Pidoplichko et al. 1973

F-1157 Type <-- INMI, VKM F-1157 <- Milko A.A. Received as: *Thielavia terricola* (J.C. Gilman et E.V. Abbott 1971) C.W. Emmons 1930 var. minor (Rayss et Borut 1958) C. Booth 1961. Synonym: *Corynascella inaequalis* (Pidoplichko et al. 1973) von Arx 1975 Type strain. (CBS 163.75). Ex: soil. Nature Biosphere Reserve Askania-Nova. Kherson Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-13, D-4, F-1, S-5)

Thielavia inaequalis Pidoplichko et al. 1973

F-1565 <-- INMI, VKM F-1565 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 57033. Received as: *Thielavia terricola*. Synonym *Corynascella inaequalis* (Pidoplichko et al. 1973) von Arx 1975 Type strain. (CBS 164.75). Ex: soil. Ash planting, Chernolesky Forestry. Kirovograd Region, Alexandria. Ukraine. Risk group: no. (Medium [13](#), 25°C, D-4, F-1, S-5)

Thielavia ovispora Pidoplichko et al. 1973

F-1596 Type <-- INMI, VKM F-1596 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 52128. Received as: *Thielavia terricola* var. minor. Synonym: *Thielavia kirilenkoae* Beliakova 1974 Type strain. (CBS 165.75; IMI 196525). Ex: *Avena* sp., root. Zhitomir Region. Ukraine. Risk group: no.

(Medium [7](#), 25°C, C-1, D-4, F-1, S-5). ([8269](#))

Thielavia ovispora Pidoplichko et al. 1973

F-1734 <-- INMI, VKM F-1734 <- Shkurenko V.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 60420. Received as: *Thielavia terricola* var. *minor*. Synonym *Thielavia kirilenkoae* Beliakova 1974 Type strain. Ex: maize rhizosphere, *Zea mays*. Chernigov Region, Chemer. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1, S-5). ([8090](#), [5378](#))

Thielavia ovispora Pidoplichko et al. 1973

F-1735 <-- INMI, VKM F-1735 <- Shkurenko V.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 61147. Received as: *Thielavia terricola* var. *minor*. Synonym *Thielavia kirilenkoae* Beliakova 1974 Type strain. Ex: oak rhizosphere. Kiev Region, Glevakha. Ukraine. Risk group: no. (Medium [7](#), 25°C, D-4, F-1, S-5). ([9085](#))

Thielavia terricola (J.C. Gilman et E.V. Abbott 1927) Emmons 1930

F-1719 <-- INMI, VKM F-1719 <- CMI, IMI 104951. Received as: *Thielavia terricola*. (IMI 104951). Ex: *Ficus* **sp.**, fruit. Allahabad. India. Risk group: no. (Medium [11](#), 40°C, C-1, D-4, F-1, S-4). ([6379](#))

Thielavia terricola (J.C. Gilman et E.V. Abbott 1927) Emmons 1930

F-1740 <-- INMI, VKM F-1740 <- CMI, IMI 60195. Received as: *Thielavia terricola* var. *minor*. Synonym *Thielavia terricola* (Gilman et Abbott 1927) Emmons 1930 var. *minor* (Rayss et Borut 1958) C.Booth 1961. (CBS 611.74; IMI 60195). Ex: *Elaeis guineensis*, leaf. Congo (DRC). Risk group: no. (Medium [13](#), 37°C, C-1, D-4, F-1)

Thielavia terricola (J.C. Gilman et E.V. Abbott 1927) Emmons 1930

F-1852 <-- INMI, VKM F-1852 <- CMI, IMI 81556. Received as: *Thielavia basicola*. (CBS 313.31; IMI 81556). Ex: *Pisum sativum*, seeds. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Thielavia terricola (J.C. Gilman et E.V. Abbott 1927) Emmons 1930 var. *minor* (Rayss et Borut 1958) C.Booth 1961

F-1775 <-- INMI, VKM F-1775 <- Milko A.A., 2. Received as: *Thielavia* **sp.** Ex: soil. Republic of Seychelles. Risk group: no. (Medium [13](#), 25°C, C-1, D-4, F-1, S-5)

Thielavia terricola (J.C. Gilman et E.V. Abbott 1927) Emmons 1930 var. *minor* (Rayss et Borut 1958) C. Booth 1961

F-1836 <-- INMI, VKM F-1836 <- Zakharova L.I. IBIW, 380. Received as: *Thielavia terricola* var. *minor*. Ex: water. Estuary, gulf, Volgograd Reservoir, cattail thicket. Russia. Risk group: no. (Medium [14](#), 25°C, F-1, S-5)

Thyrostroma carpophilum (Leveille 1843) B. Sutton 1997

F-887 <-- INMI, VKM F-887 <- VIZR, 712. Received as: *Clasterosporium carpophilum*. Synonym: *Clasterosporium carpophilum* (Leveille 1843)

Aderhold 1901, *Stigmina carpophila* (Leveille 1843) M.B. Ellis 1959. Ex: *Prunus persica*. USSR. Risk group: no. (Medium [13](#), 25°C, C-8, S-5).

Thysanophora canadensis Stolk et Hennebert 1968

F-2999 Òype <-- CMI, IMI 134644. Received as: *Thysanophora canadensis*. (ATCC 18741; CBS 334.68; IMI 137644; MUCL 21216). Ex: *Tsuga canadensis*, needle. Ontario. Canada. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([8861](#))

Thysanophora penicillioides (Roumeguere 1890) W.B. Kendrick 1961

F-1340 <-- INMI, VKM F-1340 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1357. Received as: *Haplographium penicillioides*. Synonym: *Haplographium penicillioides* Roumeguere 1890. (CBS 576.68). Ex: forest soil. Mountainous pass Zhelyava. Zakarpattia Region. Ukraine. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Thysanophora penicillioides (Roumeguere 1890) W.B. Kendrick 1961

F-2150 <-- INMI, VKM F-2150 <- Milko A.A. IBIW, 4407. Received as: *Thysanophora penicillioides*. Ex: water. Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Thysanophora penicillioides (Roumeguere 1890) W.B. Kendrick 1961

F-2229 <-- Milko A.A. IBIW, 4830. Received as: *Thysanophora canadensis*. Ex: water. Nero Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-5, C-7, F-1, S-5)

Thysanophora penicillioides (Roumeguere 1890) W.B. Kendrick 1961

F-2230 <-- Milko A.A. IBIW, 4839. Received as: *Thysanophora canadensis*. Ex: water. Nero Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Thysanophora penicillioides (Roumeguere 1890) W.B. Kendrick 1961

F-4018 <-- Aleksandrova A.V. DMA MSU, 63. Received as: *Thysanophora penicillioides*. Ex: litter (needles and birch leaves). Fir-grove, basic line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Tilachlidium pinnatum Preuss 1851

F-2833 <-- Rudakov O.L. INMI, VKM MF-464. Received as: *Tilachlidium pinnatum*. Ex: fungus, *Piptoporus betulinus*. Moscow Region. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5).

Tilletia laevis J.G. Kuehn 1873

F-2964 <-- Oberwinkler F., Germany, GD 684.00. Received as: *Tilletia caries* (de Candolle 1815) Tulasne et C. Tulasne 1847. Synonym: *Tilletia caries* (de Candolle 1815) Tulasne et C. Tulasne 1847. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5).

Tilletiopsis washingtonensis Nyland 1950

F-3521 <-- Golubev V.I. VKM IBPM <-- RBF, RBF 826. Received as: *Tilletiopsis washingtonensis*. (RBF 826). Ex: laboratory contamination of fruitbody *Asterophora lycoperdoides*. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

***Tolypocladium cylindrosporum* W. Gams 1971**

F-2151 <-- INMI, VKM F-2151 <- Milko A.A. IBIW, 4279. Received as: *Tolypocladium cylindrosporum*. Ex: *Abramis brama*, stomach contents. Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

***Tolypocladium geodes* W. Gams 1971**

F-3820 <-- Aleksandrova A.V. DMA MSU. Received as: *Tolypocladium geodes*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

***Tolypocladium geodes* W. Gams 1971**

F-3821 <-- Aleksandrova A.V. DMA MSU. Received as: *Tolypocladium inflatum*. Other name: *Tolypocladium inflatum* W. Gams 1971. Ex: soddy-podzolic soil, A1 horizon. Complexed fir-grove with birch and alder, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

***Tolypocladium geodes* W. Gams 1971**

F-3924 <-- Aleksandrova A.V. DMA MSU, Lu9. Ex: podzolic soil, A1 horizon. Complexed fir-grove. Tver Region, Staritsy District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([4629](#))

***Tolypocladium inflatum* W. Gams 1971**

F-2223 <-- Milko A.A. IBIW, 4700. Received as: *Tolypocladium inflatum*. State: tm - *Elaphocordyceps subsessilis* (Petch 1937) G.H. Sung, J.M. Sung et Spatafora 2007. Ex: water. Nero Lake. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3876](#))

***Tolypocladium inflatum* W. Gams 1971**

F-2918 <-- DMA MSU <- Smagina M. Laboratory of Forestry RAS. Received as: *Tolypocladium inflatum*. State: tm - *Elaphocordyceps subsessilis* (Petch 1937) G.H. Sung, J.M. Sung et Spatafora 2007. Ex: soil. Peat bog. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

***Tolypocladium inflatum* W. Gams 1971**

F-3241 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany. Received as: *Tolypocladium inflatum*. State: tm - *Elaphocordyceps subsessilis* (Petch 1937) G.H. Sung, J.M. Sung et Spatafora 2007. (CBS 716.70). Ex: insect, *Aradus cinnamomeus*. Germany. Risk group: no. (Medium [11](#), 25°C, F-1, S-5)

***Torula deospora* (Batista et H.B. Upadhyay 1965) de Hoog et Grinbergs 1975**

F-3772 <-- Melnik V.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg,

Russia, A. Received as: *Torula terrestris*. Synonym: *Torula terrestris* Misra 1967. Ex: *Vitis vinifera*, rhizome. Farm Panel Boschendal, Western Cape. SAR. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Torula ligniperda (Willkomm 1866) Saccardo 1906

F-422 <-- INMI, VKM F-422 <- CBS, CBS 383.36. Received as: *Torula ligniperda*. (CBS 383.36). Ex: *Abies pectinata*, board. Argentina. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([7474](#))

Trametes gibbosa (Persoon 1795) Fries 1838

F-3531 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0259. Received as: *Trametes gibbosa* (Persoon 1795) Fries 1838. (LEBIN 0259). Ex: fruitbody. Sverdlovsk Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Trametes hirsuta (Wulfen 1788) Lloyd 1924

F-3197 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 0073 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0073 <- PAF. Received as: *Coriolus hirsutus*. Synonym: *Coriolus hirsutus* (Wulfen 1788) Quelet 1886. (LEBIN 0073). Ex: fruitbody on *Betula sp.* Nizhny Novgorod Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5). ([3076](#))

Trametes hirsuta (Wulfen 1788) Lloyd 1924

F-3198 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 5-82. Received as: *Coriolus hirsutus*. Synonym *Coriolus hirsutus* (Wulfen 1788) Quelet 1886. Ex: fruitbody on *Populus tremula* windfall. Felling area, square 48. Smolensk Region, Ugra. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Trametes hirsuta (Wulfen 1788) Lloyd 1924

F-3199 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 101-501 <- Jarva L. Estonian Institute of Zoology and Botany, Tartu, Estonia, TAA 101-501. Received as: *Coriolus hirsutus*. Synonym *Coriolus hirsutus* (Wulfen 1788) Quelet 1886. (TAA 101-501). Ex: fruitbody on *Betula sp.* Estonia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Trametes ochracea (Persoon 1794) Gilbertson et Ryvarden 1987

F-117 <-- INMI, VKM F-117 <- Radopolo A.K. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Coriolus zonatus* (Nees 1817) Quelet 1886. Synonym: *Coriolus zonatus* (Nees 1817) Quelet 1886, *Trametes zonatella* Ryvarden 1978. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Trametes pubescens (Schumacher 1803) Pilat 1939

F-115 <-- INMI, VKM F-115 <- Radopolo A.K. A.N. Bach Institute of Biochemistry RAS, Moscow, Russia <- V.L. Komarov Botanical Institute

RAS, Saint Petersburg, Russia. Received as: *Coriolus pubescens* (Schumacher 1803) Quelet 1888. Synonym: *Coriolus pubescens* (Schumacher 1803) Quelet 1888. (IBK F-322). Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([1490](#), [2090](#))

Trametes versicolor (Linnaeus 1753) Lloyd 1920

F-462 <-- INMI, VKM F-462 <- LCP, LCP 188. Received as: *Coriolus versicolor* (Linnaeus 1753) Quelet 1888. Synonym: *Coriolus versicolor* (Linnaeus 1753) Quelet 1888. (LCP 188). Ex: fruitbody. near Paris. France. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([2090](#))

Trametes zonatella Ryvarden 1978

F-3201 <-- All-Russian Research Institute of Chemicalization of Forestry, Ivanteevka, Moscow Region, Russia, 7-81. Received as: *Coriolus zonatus*. Synonym: *Coriolus zonatus* (Nees 1817) Quelet 1888. Ex: fruitbody on *Betula* sp. Leningrad Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-12, S-4, S-5)

Tricellula aquatica J. Webster 1959

F-2213 <-- INMI, VKM F-2213 <- Milko A.A. IBIW, 627. Received as: *Tricellula aquatica*. Ex: fish. Beloye Lake. Vologda Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Tricellula aurantiaca (Haskins 1958) Arx 1970

F-2456 <-- Milko A.A. IBIW, 110C. Received as: *Volucrispora aurantiaca*. Synonym: *Volucrispora aurantiaca* Haskins 1958. Ex: *Rutilus* sp. Rybinsk Reservoir. Yaroslavl Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([5977](#), [6255](#), [6256](#), [7911](#))

Trichaptum abietinum (Dickson 1793) Ryvarden 1972

F-396 <-- INMI, VKM F-396 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Polyporus abietinus* Persoon 1792. Synonym: *Polyporus abietinus* Persoon 1792, *Hirchioporus abietinus* (Persoon 1792) Donk 1933. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Trichaptum abietinum (Dickson 1793) Ryvarden 1972

F-720 <-- INMI, VKM F-720 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Polystictus abietinus* (Persoon 1792) Fries 1851. Synonym *Polystictus abietinus* (Persoon 1792) Fries 1851, *Hirchioporus abietinus* (Persoon 1792) Donk 1933. Ex: fruitbody on *Picea* sp. Moscow Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5)

Trichocladium asperum Harz 1871

F-751 <-- INMI, VKM F-751 <- Mirchink T.G. DSB MSU, 10. Received as: *Dicoccum asperum*. Synonym: *Dicoccum asperum* (Corda 1838) Saccardo 1886. Ex: soddy-heavy podzolic soil, A1 horizon. Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia.

Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5).

Trichocladium asperum Harz 1871

F-3844 <-- Aleksandrova A.V. DMA MSU, Dm44. Received as: *Trichocladium asperum*. Ex: *Sorex minutus*, fur on litter. Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5)

Trichocladium griseum (Traaen 1914) X. Wei Wang et Houbraken 2018

F-962 <-- INMI, VKM F-962 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20947-3504. Received as: *Humicola grisea*. Synonym: *Humicola grisea* Traaen 1914. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5)

Trichocladium griseum (Traaen 1914) X. Wei Wang et Houbraken 2018

F-1029 <-- INMI, VKM F-1029 <- Pidoplichko N.M. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 5073. Received as: *Humicola grisea*. Synonym *Humicola grisea* Traaen 1914. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([3039](#))

Trichocladium griseum (Traaen 1914) X. Wei Wang et Houbraken 2018

F-3615 <-- Polyanskaya L.M. DSB MSU, 30-1-27. Received as: *Humicola grisea*. Synonym *Humicola grisea* Traaen 1914. Ex: soddy-podzolic soil. Experimental Station of Faculty of Soil Science, MSU. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichocladium griseum (Traaen 1914) X. Wei Wang et Houbraken 2018

F-3846 <-- Aleksandrova A.V. DMA MSU, Dm47. Received as: *Humicola grisea*. Synonym *Humicola grisea* Traaen 1914. Ex: soil, improved chernozem. Wheat field. Belgorod Region. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([5436](#), [6766](#), [8258](#))

Trichocladium griseum (Traaen 1914) X. Wei Wang et Houbraken 2018

F-3989 <-- Aleksandrova A.V. DMA MSU, 40. Received as: *Humicola grisea*. Synonym *Humicola grisea* Traaen 1914. Ex: agricultural soil. Experimental potato field in K.A. Timiryazev Moscow Agricultural Academy territory. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Trichocladium nigrospermum (Schweinitz 1832) X. Wei Wang et Houbraken 2018

F-486 <-- INMI, VKM F-486 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 98. Received as: *Sporidesmium echinulatum*. Synonym: *Monodictys levis* (Wiltshire 1938) S. Hughes 1958, *Monodictys nigrosperma* (Schweinitz 1832) W. Gams 1971. Ex: book. Russian State Library. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, C-1, C-7, F-1, S-5). ([2171](#))

Trichocladium nigrospermum (Schweinitz 1832) X. Wei Wang et Houbraken 2018

F-4026 <-- Aleksandrova A.V. DMA MSU, 57. Received as: *Monodictys nigrosperma*. Synonym *Monodictys nigrosperma* (Schweinitz 1832) W. Gams 1971. Ex: *Sorex araneus*, fur on litter. Complexed fir-grove, Zabrovo

line, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Trichoderma atroviride P. Karsten 1892

F-426 <-- INMI, VKM F-426 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 50. Received as: *Trichoderma lignorum*. Other name: *Trichoderma lignorum* (Tode 1790) Harz 1871; *Trichoderma viride* Persoon 1794. Ex: book. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2232](#), [5526](#), [7775](#))

Trichoderma atroviride P. Karsten 1892

F-1135 <-- INMI, VKM F-1135 <- OUT, ATCC 9301. Received as: *Trichoderma viride*. Other name: *Trichoderma viride* Persoon 1794. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5526](#))

Trichoderma atroviride P. Karsten 1892

F-2430 <-- IBPM, IBPM F-237 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 80. Received as: *Trichoderma lignorum*. Other name: *Trichoderma lignorum* (Tode 1790) Harz 1871; *Trichoderma viride* Persoon 1794. Ex: oil painting. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5604](#))

Trichoderma aureoviride Rifai 1969

F-2026 <-- INMI, VKM F-2026 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, L-923. Received as: *Trichoderma aureoviride*. Estonia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([1443](#), [5038](#), [6359](#))

Trichoderma aureoviride Rifai 1969

F-2027 <-- INMI, VKM F-2027 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, L-920. Received as: *Trichoderma aureoviride*. Estonia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1443](#))

Trichoderma citrinoviride Bissett 1984

F-4011 <-- Aleksandrova A.V. DMA MSU, 65. Received as: *Trichoderma citrinoviride*. Ex: abnormal podzolic soil, A1 horizon. Felling area (4 year) in complexed fir-grove, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichoderma deliquescens (Sopp 1912) Jaklitsch 2011

F-2323 <-- IBPM, IBPM F-197 <- VIZR. Received as: *Gliocladium fimbriatum*. Synonym: *Gliocladium deliquescens* Sopp 1912. Ex: soil. Turkmenistan. Risk group: 4. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5)

Trichoderma flavofuscum (J.H. Miller et al. 1957) Bissett 1991

F-3242 Öype <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- CBS, CBS 248.59. Received as: *Gliocladium flavofuscum*. Synonym: *Gliocladium flavofuscum* Miller et al. 1957 Type strain. (ATCC 13308 *Gliocladium flavo-fuscum*; CBS 248.59;

DAOM 167652; DSM 3500; IMI 100 714; MUCL 7578; MUCL 7995; QM 7719). Ex: soil. Georgia, Dougherty County. USA. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3207](#), [3218](#), [4117](#))

Trichoderma ghanense Yoshim. Doi et al. 1987

F-3263 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- ATCC, ATCC 36936. Received as: *Trichoderma todica*. Synonym: *Trichoderma todica* Sokoloff et Toda 1967, *Trichoderma parceramosum* Bissett 1992. (ATCC 36936; NRRL 3091). Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([3217](#), [4117](#))

Trichoderma hamatum (Bonorden 1851) Bainier 1906

F-2028 <-- INMI, VKM F-2028 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, L-912. Received as: *Trichoderma hamatum*. Estonia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1443](#), [5526](#))

Trichoderma harzianum Rifai 1969

F-1134 <-- INMI, VKM F-1134 <- OUT, ATCC 9302. Received as: *Trichoderma viride*. Other name: *Trichoderma viride* Persoon 1794. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma harzianum Rifai 1969

F-1959 <-- INMI, VKM F-1959 <- Federal State Unitary Enterprise All-Russian Scientific Research Institute of Aviation Materials, State Research Center of the Russian Federation, Moscow, Russia, 10. Received as: *Trichoderma harzianum*. Ex: air. Adjara, Batumi. Georgia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma harzianum Rifai 1969

F-2110 <-- INMI, VKM F-2110 <- TUB. Received as: *Trichoderma harzianum*. (ATCC 26799; IFO 30543; WFPL 160B). Ex: *Pseudotsuga menziesii*. Vancouver. Canada. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1443](#), [4117](#))

Trichoderma harzianum Rifai 1969

F-2477 <-- DMA MSU, 3.11/9C1. Received as: *Trichoderma harzianum*. Ex: *Cucumis sativus*, leaf. Winter hothouse, constructed by means of block building technologies. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5527](#), [5542](#), [5995](#), [6120](#), [6753](#))

Trichoderma harzianum Rifai 1969

F-3243 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- CMI, IMI 111 755. Received as: *Trichoderma harzianum*. (IMI 111 755). Ex: soil. Republic of Egypt. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Trichoderma harzianum Rifai 1969

F-3959 <-- Legonkova O.A. DMA MSU, 2V. Received as: *Trichoderma harzianum*. Ex: thermoplastic polyurethane, placed in agrogenic changed soddy-podzolic

heavy loam soil. Fruit trees nursery Sady Ppodmoskovya. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichoderma harzianum Rifai 1969

F-3962 <-- Legonkova O.A. DMA MSU, 9V. Received as: *Trichoderma harzianum*. Ex: Polymer Lentex in cultivated soddy-podzolic middle loam soil. Tula Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichoderma koningii Oudemans 1902

F-485 <-- INMI, VKM F-485 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 77. Received as: *Trichoderma koningii*. Ex: book. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1443](#), [4031](#))

Trichoderma koningii Oudemans 1902

F-1283 <-- INMI, VKM F-1283 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 532. Received as: *Trichoderma koningii*. Ex: maize rhizosphere, *Zea mays*. Lugansk Region. Ukraine. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([1443](#))

Trichoderma koningii Oudemans 1902

F-1901 <-- INMI, VKM F-1901 <- Vostrov I.S. INMI. Received as: *Trichoderma koningii*. Ex: ftorolon fabric stored at temperature 5-15 C. USSR. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8027](#), [8031](#))

Trichoderma koningii Oudemans 1902

F-2111 <-- INMI, VKM F-2111 <- TUB, WEPL 230A. Received as: *Trichoderma koningii*. (ATCC 26800; IFO 30544; WFPL 230A). Ex: *Pinus taeda*. North Carolina. USA. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1443](#), [4117](#))

Trichoderma longibrachiatum Rifai 1969

F-1131 <-- INMI, VKM F-1131 <- OUT, OUT 4217. Received as: *Trichoderma viride*. Other name: *Trichoderma viride* Persoon 1794. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5400](#), [5526](#))

Trichoderma longibrachiatum Rifai 1969

F-2025 <-- INMI, VKM F-2025 <- Lasting V.R. Estonian Research Institute of Soil Management and Melioration Sciences, Saku, Estonia, 273. Received as: *Trichoderma longibrachiatum*. Estonia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([1443](#), [5038](#))

Trichoderma longibrachiatum Rifai 1969

F-2429 <-- IBPM, IBPM F-240 <- DMA MSU. Received as: *Trichoderma koningii*. Other name: *Trichoderma koningii* Oudemans 1902. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma longibrachiatum Rifai 1969

F-2806 <-- Rudakov O.L. INMI, VKM MF-400. Received as: *Trichoderma*

longibrachiatum. Ex: fungus, Fomes fomentarius. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Trichoderma longibrachiatum Rifai 1969

F-2911 <-- Moscow State University of Food Production, Moscow, Russia, TUB-26 <- IGU, 7-26. Received as: *Trichoderma longibrachiatum*. Ex: soil. Irkutsk Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5719](#), [7936](#))

Trichoderma longibrachiatum Rifai 1969

F-3244 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- CBS, CBS 487.78. Received as: *Trichoderma longibrachiatum*. Synonym *Trichoderma parceramosum* J.Bissett 1991. (CBS 487.78 *Trichoderma parceramosum* Bissett 1991). Ex: soil. Maize field. Colombia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma longibrachiatum Rifai 1969

F-4015 <-- Aleksandrova A.V. DMA MSU, 75. Received as: *Trichoderma longibrachiatum*. Ex: fungus, bracket fungus on birch feeled stock, rhizomorph. Mixed forest, Zvenigorod Biological Station MSU. Moscow Region, Odintsovo District. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichoderma polysporum (Link 1816) Rifai 1969

F-1208 <-- INMI, VKM F-1208 <- Milko A.A., 711. Received as: *Trichoderma album*. Synonym: *Trichoderma album* Preuss 1855. Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [11](#), 20°C, C-5, D-4, F-1, S-5). ([5933](#))

Trichoderma polysporum (Link 1816) Rifai 1969

F-1310 <-- INMI, VKM F-1310 <- Milko A.A., 1007. Received as: *Pachybasium hamatum*. Other name: *Pachybasium hamatum* (Bonorden 1851) Saccardo 1885; *Trichoderma hamatum* (Bonorden 1851) Bainier 1906. Ex: forest soil. Republic of Crimea, Yalta. Russia. Risk group: 4. (Medium [11](#), 25°C, C-5, F-1, S-5)

Trichoderma polysporum (Link 1816) Rifai 1969

F-4630 <-- Grum-Grzhimaylo O.A. BBS MSU, 157. Ex: surface sludge, soil. Littoral zone of the fresh-marine lake, White Sea Biological Station MSU. Republic of Karelia, Loukhsy District, Primorsky. Russia. DNA sequences: JX535131. Risk group: 4. (Medium [9](#), 18°C, C-8, F-1, S-5). ([8017](#))

Trichoderma pseudokoningii Rifai 1969

F-484 <-- INMI, VKM F-484 <- Beliakova L.A. Research Laboratory, Russian State Library, Moscow, Russia, 549. Received as: *Trichoderma koningii*. Other name: *Trichoderma koningii* Oudemans 1902. Ex: ancient rag paper book. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1443](#))

Trichoderma pseudokoningii Rifai 1969

F-1130 <-- INMI, VKM F-1130 <- OUT, OUT 4215. Received as: *Trichoderma viride*. Other name: *Trichoderma viride* Persoon 1794. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma pseudokoningii Rifai 1969

F-1133 <-- INMI, VKM F-1133 <- OUT, ATCC 9375. Received as: *Trichoderma viride*. Other name: *Trichoderma viride* Persoon 1794. (ATCC 9275). Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([3220](#), [3290](#), [4117](#))

Trichoderma pseudokoningii Rifai 1969

F-2112 <-- INMI, VKM F-2112 <- TUB, WFPL 228B. Received as: *Trichoderma pseudokoningii*. (ATCC 26801; IFO 30545; WFPL 228B). Ex: pine chip. Canada. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([1443](#), [4117](#))

Trichoderma pseudokoningii Rifai 1969

F-3246 Òype <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- CBS, CBS 818.68. Received as: *Trichoderma pseudokoningii*. (ATCC 64400; CBS 818.68; CBS 408.91; DAOM 167678; WFPL 228E). Ex: wood. Australia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3254](#))

Trichoderma pseudokoningii Rifai 1969

F-3261 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany. Received as: *Trichoderma hamatum*. Other name: *Trichoderma hamatum* (Bonorden 1851) Bainier 1906. (ATCC 18646; CBS 961.68). Ex: soil under *Pinus radiata*. Australia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Trichoderma pseudokoningii Rifai 1969

F-3262 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- MUCL, MUCL 19358. Received as: *Trichoderma pseudokoningii*. (MUCL 19358). Ex: soil. Hothouse. Belgium. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Trichoderma pseudokoningii Rifai 1969

F-3264 <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- ATCC, ATCC 24961. Received as: *Trichoderma virgatum*. Other name: *Trichoderma virgatum* A.J. Cserjesi et E.L. Johnson 1972. (ATCC 24961; CBS 390.92; WFPL 206A). Ex: mutant of strain WFPL V-98. Canada. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3202](#), [3276](#))

Trichoderma reesei E.G. Simmons 1968

F-2047 Òype <-- INMI, VKM F-2047 <- TUB, EFPL C-447. Received as: *Trichoderma viride*. (ATCC 13631; BIM F-166; CBS 383.78; CCM F- 560; DSM 768; IMI 192 654; TVB 117; VKM F- 2431; VTT D-74083). Ex: cotton duck shelter. Bougainville Island, Solomon Islands. Papua New Guinea. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1). ([3198](#), [3201](#), [3203](#), [3204](#), [3210](#),

[3216](#), [3253](#), [3271](#), [4117](#))

Trichoderma reesei E.G. Simmons 1968

F-2432 <-- IBPM, IBPM F-381-1 <- Eroshin V.K. IBPM, QM 9123. Received as: *Trichoderma viride*. (ATCC 24449; IMI 192 655ii; QM 9123; TVB 115; VTT D- 74068). Ex: radiation mutant 207 of strain QM 6a. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([3273](#), [3179](#), [3193](#), [3194](#), [3197](#), [3199](#), [3208](#), [3267](#), [3289](#), [4117](#))

Trichoderma reesei E.G. Simmons 1968

F-2433 <-- IBPM, IBPM F-381-2 <- Eroshin V.K. IBPM, QM 9414. Received as: *Trichoderma viride*. (ATCC 26921; CBS 392.92; DSM 769; QM 9414 *Trichoderma viride*; TV B 118; VTT D-74075). Ex: mutant of strain QM 9123. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([3191](#), [3209](#), [3263](#), [4117](#))

Trichoderma reesei E.G. Simmons 1968

F-2434 <-- IBPM, IBPM F-381-3 <- Eroshin V.K. IBPM, QM 9136. Received as: *Trichoderma viride*. (ATCC 26920; DSM 770; QM 9136; VTT D-74070). Ex: mutant of strain QM 6a. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3187](#), [4117](#))

Trichoderma saturnisporum Hammill 1970

F-3245 Öype <-- Brueckner H. Universitat Hohenheim, Institut fuer Lebensmitteltechnologie, Stuttgart, Germany <- CBS, CBS 330.70. Received as: *Trichoderma saturnisporum*. (ATCC 18903; CBS 330.70; IAM 12535; IMI 146852; JCM 1884). Ex: forest soil. Georgia, Clarke County. USA. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([3205](#), [5436](#))

Trichoderma saturnisporum Hammill 1970

F-4005 <-- Aleksandrova A.V. DMA MSU, 74. Received as: *Trichoderma saturnisporum*. Ex: loamy sand solonetz soil. Virgin wormwood-cereal steppe. Republic of Kalmykia, Chernozemelsky District, Acinery, 12 km to east. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6766](#), [8258](#))

Trichoderma virens (J.H. Miller et al. 1957) Arx 1987

F-778 <-- INMI, VKM F-778 <- Milko A.A., M-1. Received as: *Gliocladium virens*. Synonym: *Gliocladium virens* J.H. Miller et al. 1957. (CBS 512.66). Ex: soil. Republic of Moldova. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma virens (J.H. Miller et al. 1957) Arx 1987

F-1117 <-- INMI, VKM F-1117 <- Presidium Russian Academy of Sciences. Received as: *Trichoderma sp.* Synonym *Gliocladium virens* J.H. Miller et al. 1957. (ATCC 9645; CBS 430.54; IAM 5061; IFO 6355; IMI 45 553; NRRL 2314; QM 365). Ex: soil. Maryland. USA. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([8686](#), [1276](#), [1321](#), [1443](#), [1620](#), [1629](#), [1812](#), [3364](#), [4314](#), [4568](#), [4925](#), [5409](#), [5808](#), [5998](#), [6342](#), [6359](#), [6408](#), [6645](#), [7559](#), [7644](#))

Trichoderma viride Persoon 1794

F-2113 <-- INMI, VKM F-2113 <- TUB, WEPL 161A. Received as: *Trichoderma viride*. (ATCC 26802; IFO 30546; WFPL 161A). Ex: wood, *Alnus* **sp.** Vancouver. Canada. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5). ([654](#), [792](#), [1443](#), [2156](#), [4117](#))

Trichoderma viride Persoon 1794

F-2440 <-- Institute of Microbiology and Biotechnology, University of Latvia, Riga, Latvia, LA-531. Received as: *Trichoderma viride*. Ex: soil. Research and training centre Vecauce of Latvia University of Agriculture. Latvia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma viride Persoon 1794

F-2484 <-- Russian scientific Research institute Electronstandart, Saint Petersburg, Russia, 27-I. Received as: *Trichoderma viride*. Ex: compound (mixture of rubber, various polymers and monomers). Vilnius. Lithuania. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma viride Persoon 1794

F-2587 <-- IBPM, IBPM F-238 <- Kuritsyna D.S. Igor Grabar All-Russian Scientific and Restoration Centre, Moscow, Russia, 72. Received as: *Trichoderma lignorum* var. *narcissi*. Synonym *Trichoderma lignorum* (Tode 1790) Harz 1871 var. *narcissi* (Tochinai et Shimada 1931) Pidoplichko 1953. Ex: oil painting. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichoderma viride Persoon 1794

F-2720 <-- Rudakov O.L. INMI, VKM MF-102. Received as: *Trichoderma viride*. Ex: fungus, *Polyporus* **sp.** Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Trichoderma viride Persoon 1794

F-2721 <-- Rudakov O.L. INMI, VKM MF-103. Received as: *Trichoderma lignorum*. Synonym *Trichoderma lignorum* (Tode 1790) Harz 1871. Ex: fungus, *Polyporus* **sp.** Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5038](#), [6359](#))

Trichoderma viride Persoon 1794

F-2791 <-- Rudakov O.L. INMI, VKM MF-315. Received as: *Trichoderma viride*. Ex: fungus, *Polyporus* **sp.** Near Baical Lake. Trans-Baikal Territory. Russia. Risk group: 4. (Medium [11](#), 25°C, F-1, S-5). ([3068](#))

Trichoderma viride Persoon 1794 var. *kizhanicum* Krapivina 1975

F-2830 <-- Rudakov O.L. INMI, VKM MF-457. Received as: *Trichoderma viride* var. *kizhanicum*. Ex: fungus, *Laetiporus sulphureus*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5)

Trichoderma viridescens (A.S. Horne et H.S. Williamson 1923) Jaklitsch et Samuels 2006

F-3271 <-- DMA MSU, 75. Received as: *Trichoderma viride*. Other name: *Trichoderma viride* Persoon 1794. Ex: decaying wood damaged by woodboring beetle. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5). ([6136](#))

Trichoderma viridescens (A.S. Horne et H.S. Williamson 1923) Jaklitsch et Samuels 2006

F-4053 <-- Aleksandrova A.V. DMA MSU, T6. Received as: *Trichoderma asperellum*. Other name: *Trichoderma asperellum* Samuels, Lieckfeldt et Nirenberg 1999. Ex: agricultural soil. Experimental potato field in K.A. Timiryazev Moscow Agricultural Academy territory. Moscow. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichoderma viridescens (A.S. Horne et H.S. Williamson 1923) Jaklitsch et Samuels 2006

F-4054 <-- Aleksandrova A.V. DMA MSU, S102. Received as: *Trichoderma asperellum*. Other name: *Trichoderma asperellum* Samuels, Lieckfeldt et Nirenberg 1999. Ex: soddy-podzolic light loam soil, A1 horizon (5-7 cm). Forb meadow, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichoderma viridescens (A.S. Horne et H.S. Williamson 1923) Jaklitsch et Samuels 2006

F-4055 <-- Aleksandrova A.V. DMA MSU, S106. Received as: *Trichoderma asperellum*. Other name: *Trichoderma asperellum* Samuels, Lieckfeldt et Nirenberg 1999. Ex: podzolic soil, A1 horizon. Complexed fir-grove, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: 4. (Medium [11](#), 25°C, C-8, F-1, S-5)

Tricholoma portentosum (Fries 1821) Quelet 1872

F-3539 <-- CBS, CBS 367.47 <- Kuehner P. Received as: *Tricholoma portentosum* (Fries 1821) Quelet 1872. (CBS 367.47). France. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Trichosporiella cerebriformis (G.A. de Vries et Kleine-Natrop) W. Gams 1971

F-4763 <-- VKM IBPM, VKM FW-3308. Received as: *Trichosporiella cerebriformis*. Ex: soil from a constantly used tracked vehicle road rut near a diesel power station, Bellingshausen Station, soil pit LA57-BI-04 (1) (road), depth 0–0,05 m. King George Island, Antarctica. Risk group: no. (Medium [9](#), 25°C, C-8, F-1, S-5).

Trichosporon dulciturum (Berkhout 1923) Weijman 1979

F-198 Òype <-- INMI, VKM F-198 <- CBS, CBS 123.22. Received as: *Oospora dulcita*. Synonym: *Geotrichum dulciturum* (Berkhout 1923) Windisch 1952 Type strain, *Oospora dulcita* Berkhout 1923 Type strain, *Protendomycopsis dulcita* (Berkhout 1923) W. Gams et Domsch 1969. (CBS 8257; CBS 123.22; NRRL Y-17148; UAMH 7660; VKM Y-2857). Ex: soil. Netherlands. Risk group: 4. (Medium [11](#), 25°C, C-1, F-1, S-5).

Trichosporium herbarum Jaap 1916

F-2757 <-- Rudakov O.L. INMI, VKM MF-194. Received as: *Trichosporium herbarum*. Ex: fungus, *Puccinia coronata* var. *avenae*. Moscow Region. Russia. Risk group: 4. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Trichothecium roseum (Persoon 1794) Link 1809

F-428 <-- INMI, VKM F-428 <- Rudakov O.L. Received as: *Trichothecium roseum*. Ex: detritus. USSR. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-

1, S-5).

Trichothecium roseum (Persoon 1794) Link 1809

F-750 <-- INMI, VKM F-750 <- Mirchink T.G. DSB MSU, 20. Received as: *Trichothecium roseum*. (BIM F-101). Russia. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([2232](#))

Trichothecium roseum (Persoon 1794) Link 1809

F-959 <-- INMI, VKM F-959 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 20711. Received as: *Trichothecium roseum*. Ex: soil. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2156](#))

Trichothecium roseum (Persoon 1794) Link 1809

F-1571 <-- INMI, VKM F-1571 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 534. Received as: *Trichothecium roseum*. Ex: *Quercus* **sp.**, falling leaf. Kiev. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichothecium roseum (Persoon 1794) Link 1809

F-2435 <-- IBPM, IBPM F-271 <- VIZR, 843. Received as: *Trichothecium roseum*. Ex: *Gossypium* **sp.** Tajikistan. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Trichothecium roseum (Persoon 1794) Link 1809

F-2588 <-- IBPM, IBPM F-270 <- DMA MSU. Received as: *Trichothecium plasmoparae*. Other name: *Trichothecium plasmoparae* Viala 1932. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Trichothecium roseum (Persoon 1794) Link 1809

F-2664 <-- Rudakov O.L. INMI, VKM MF-3. Received as: *Trichothecium roseum*. Ex: fungus, *Ovularia monosporia* on sorrel, *Rumex* **sp.** Odessa. Ukraine. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([1368](#))

Trichothecium roseum (Persoon 1794) Link 1809

F-2744 <-- Rudakov O.L. INMI, VKM MF-153. Received as: *Trichothecium obovatum*. Synonym *Trichothecium obovatum* Saccardo 1886. Ex: fungus, *Cytospora capitata*. Caucasus area. Krasnodar Territory. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5)

Trichothecium roseum (Persoon 1794) Link 1809

F-3823 <-- Aleksandrova A.V. DMA MSU. Received as: *Trichothecium roseum*. Ex: pine wood, *Pinus* **sp.**, with lichen. Pine-birch forest, Volga River, right bank. Tver Region, Zubtsov District, near Shishkino. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichothecium roseum (Persoon 1794) Link 1809

F-3824 <-- Aleksandrova A.V. DMA MSU. Received as: *Trichothecium roseum*. Ex: *Quercus rubra*, acorn. Park near of Faculty of Biology, MSU. Moscow. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Trichothecium roseum (Persoon 1794) Link 1809

F-3987 <-- Aleksandrova A.V. DMA MSU, 45. Received as: *Trichothecium roseum*. Ex: *Lycopersicon esculentum*, infected by blackspot, leaf. Tomato field. Astrakhan Region, Kharabali District. Russia. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5)

Tritirachium oryzae (Vincens 1910) de Hoog 1972

F-1413 <-- INMI, VKM F-1413 <- Tatarenko E.S. Ukrainian Scientific Research Institute of Food Industry, Kharkov, Ukraine, 456. Received as: *Tritirachium violaceum*. Synonym: *Tritirachium violaceum* Tatarenko 1952. Ex: air. Kharkov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5).

Tritirachium oryzae (Vincens 1910) de Hoog 1972

F-1426 <-- INMI, VKM F-1426 <- VIZR <- Nyuksha Yu.P. Received as: *Tritirachium roseum*. Synonym *Tritirachium roseum* van Beyma 1942. Ex: book. St.-Petersburg. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Tritirachium oryzae (Vincens 1910) de Hoog 1972

F-2436 <-- IBPM, IBPM F-337 <- DMA MSU. Received as: *Tritirachium violaceum*. Synonym *Tritirachium violaceum* Tatarenko 1952. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Tritirachium oryzae (Vincens 1910) de Hoog 1972

F-2522 <-- Milko A.A. IBIW, 86S. Received as: *Tritirachium oryzae*. Ex: *Cyprinus carpio*, body surface. Yaroslavl Region, Borok. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Tropicoporus linteus (Berkeley et M.A. Curtis 1858) L.W. Zhou et Y.C. Dai 2015

F-3528 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0272 <- Institute of Botany, 33-74. Cuba, Gavana. Received as: *Phellinus linteus* (Berkeley et M.A. Curtis 1860) Teng 1963. Synonym: *Phellinus linteus* (Berkeley et M.A. Curtis 1860) Teng 1963. (LEBIN 0272). Ex: fruitbody. Cuba. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Truncatella angustata (Persoon 1801) S. Hughes 1958

F-1774 <-- INMI, VKM F-1774 <- Milko A.A., 4326. Received as: *Truncatella truncata*. Synonym: *Truncatella truncata* (Leveille 1846) Steyaert 1949. Ex: peatbog. Chernigov Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, F-1, S-5).

Truncatella angustata (Persoon 1801) S. Hughes 1958

F-3929 <-- Ivanushkina N.E. VKM IBPM, VKM MGOU-52. Received as: *Truncatella angustata*. Ex: *Castanea saliva*, sound plant leaf. Bartin Province, near Amasra. Republic of Turkey. Risk group: no. (Medium [11](#), 25°C, F-1, S-5). ([4895](#))

Truncatella angustata (Persoon 1801) S. Hughes 1958

F-3990 <-- Aleksandrova A.V. DMA MSU, 42. Received as: *Truncatella angustata*.

Ex: agricultural soil. Experimental potato field in K.A. Timiryazev Moscow Agricultural Academy territory. Moscow. Russia. Risk group: no. (Medium [13](#), 25°C, F-1, S-5)

Tympanosporium parasiticum W. Gams 1974

F-2871 Öype <-- Rudakov O.L. INMI, VKM MF-560 <- CBS, CBS 874.73. Received as: *Tympanosporium parasiticum*. (ATCC 32984; CBS 874.73; IMI 182 123). Ex: fungus, *Tubercularia vulgaris*. Baarn, Groeneveld. Netherlands. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5). ([240](#))

Ugola praticola (Pidoplichko 1950) Stalpers 1984

F-1568 Type <-- INMI, VKM F-1568 <- Kirilenko T.S. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 51642. Received as: *Sporotrichum praticola*. Synonym: *Sporotrichum praticola* Pidoplichko 1950 Type strain. (CBS 705.82). Ex: *Hordeum vulgare*, root. Sumy Region, Glukhov. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Umbelopsis isabellina (Oudemans 1902) W. Gams 2003

F-525 <-- INMI, VKM F-525 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 23. Received as: *Mortierella isabellina*. Synonym: *Mortierella isabellina* Oudemans 1902. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([8090](#), [2864](#), [5604](#), [6756](#), [7124](#), [8253](#), [8958](#))

Umbelopsis isabellina (Oudemans 1902) W. Gams 2003

F-526 <-- INMI, VKM F-526 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 145. Received as: *Mortierella isabellina*. Synonym *Mortierella isabellina* Oudemans 1902. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([2864](#), [4044](#), [4046](#), [6756](#), [7668](#))

Umbelopsis isabellina (Oudemans 1902) W. Gams 2003

F-527 <-- INMI, VKM F-527 <- Chalabuda T.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 94. Received as: *Mortierella isabellina* var. *atra*. Synonym *Mortierella isabellina* Oudemans 1902, *Mortierella isabellina* Oudemans 1902 var. *atra* Chalabuda et Zdanova 1957. Ex: soil. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([1365](#), [2864](#), [6756](#))

Umbelopsis isabellina (Oudemans 1902) W. Gams 2003

F-528 <-- INMI, VKM F-528 <- Chalabuda T.V. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine. Received as: *Mortierella isabellina* var. *atra*. Synonym *Mortierella isabellina* Oudemans 1902, *Mortierella isabellina* Oudemans 1902 var. *atra* Chalabuda et Zdanova 1957. Ex: soil. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([1365](#), [2864](#), [6756](#))

Umbelopsis isabellina (Oudemans 1902) W. Gams 2003

F-540 <-- INMI, VKM F-540 <- Eroshin V.K. IBPM, 141. Received as: *Mucor angulisporus*. Synonym *Mortierella isabellina* Oudemans 1902. Other name: *Mucor angulisporus* Naumov 1935. Ex: soil. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2550](#))

Umbelopsis isabellina (Oudemans 1902) W. Gams 2003

F-668 <-- INMI, VKM F-668 <- DSB MSU. Received as: *Mucor angulisporus*. Synonym *Mortierella isabellina* Oudemans 1902. Other name: *Mucor angulisporus* Naumov 1935. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([1365](#))

Umbelopsis isabellina (Oudemans 1902) W. Gams 2003

F-1628 <-- INMI, VKM F-1628 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 2/22. Received as: *Mortierella isabellina*. Synonym *Mortierella isabellina* Oudemans 1902. Ex: forest soil. Zakarpattya Region. Ukraine. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([1365](#), [2864](#), [6756](#))

Umbelopsis longicollis (Dixon-Stewart 1932) Y.N. Wang et al. 2015

F-532 <-- INMI, VKM F-532 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 4294. Received as: *Mortierella ramanniana* var. *angulispora*. Synonym: *Mortierella longicollis* Dixon-Stewart 1932. Other name: *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *angulispora* (Naumov 1935) Linnemann 1941. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-8, D-4, F-1, S-5). ([2864](#), [6756](#))

Umbelopsis longicollis (Dixon-Stewart 1932) Y.N. Wang et al. 2015

F-537 <-- INMI, VKM F-537 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 78. Received as: *Mortierella vinacea*. Synonym *Mortierella longicollis* Dixon-Stewart 1932. Other name: *Mortierella vinacea* Dixon-Stewart 1932. Risk group: no. (Medium [11](#), 25°C, C-1, C-8, D-4, F-1, S-5). ([2864](#), [6756](#))

Umbelopsis longicollis (Dixon-Stewart 1932) Y.N. Wang et al. 2015

F-654 <-- INMI, VKM F-654 <- Mirchink T.G. DSB MSU. Received as: *Mucor ramannianus*. Synonym *Mortierella longicollis* Dixon-Stewart 1932. Other name: *Mucor ramannianus* Moeller 1903. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-11, D-4, F-1, S-4, S-5). ([2864](#), [6756](#))

Umbelopsis longicollis (Dixon-Stewart 1932) Y.N. Wang et al. 2015

F-665 <-- INMI, VKM F-665 <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 44. Received as: *Mortierella ramanniana*. Synonym *Mortierella longicollis* Dixon-Stewart 1932. Other name: *Mortierella ramanniana* (Moeller 1903) Linnemann 1941. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([2864](#), [6756](#))

Umbelopsis nana (Linnemann 1941) Arx 1984

F-1400 <-- INMI, VKM F-1400 <- CBS, CBS 309.52. Received as: *Mortierella nana*. Synonym: *Mortierella nana* Linnemann 1941. (CBS 309.52). Ex: forest soil. Belgium. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-8, C-11, D-4, F-1, S-4, S-5). ([1365](#), [2864](#), [6756](#))

Umbelopsis nana (Linnemann 1941) Arx 1984

F-1410 <-- INMI, VKM F-1410 <- CBS, CBS 310.52. Received as: *Mortierella nana*. Synonym *Mortierella nana* Linnemann 1941. (IFO 8795; NBRC 8795). Ex: forest soil. Broad-leaved forest. Germany. Risk group: no. (Medium [11](#), 25°C, C-5, C-11, C-12, S-4, S-5)

Umbelopsis nana (Linnemann 1941) Arx 1984

F-1421 <-- INMI, VKM F-1421 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Mortierella nana*. Synonym *Mortierella nana* Linnemann 1941. Ex: fungus, Basidiomycetes, fruitbody. Risk group: no. (Medium [11](#), 25°C, C-5, C-7, C-8, C-11, D-4, F-1, S-5). ([2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-502 <-- INMI, VKM F-502 <- Eroshin V.K. IBPM <- DSB MSU. Received as: *Mucor ramannianus*. Synonym: *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#), [2864](#), [6756](#), [7124](#), [8958](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-530 <-- INMI, VKM F-530 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 1111a. Received as: *Mortierella ramanniana*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#), [2864](#), [4086](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-538 <-- INMI, VKM F-538 <- Eroshin V.K. IBPM <- Pushkinskaya O.I. INMI. Received as: *Mucor sp.* Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2550](#), [2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-579 <-- INMI, VKM F-579 <- Eroshin V.K. IBPM <- DSB MSU. Received as: *Mucor ramannianus*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2550](#), [2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-582 <-- INMI, VKM F-582 <- Eroshin V.K. IBPM <- All-Russia Research

Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 16. Received as: *Mucor ramannianus*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-7, D-4, F-1). ([2550](#), [2864](#), [4146](#), [5259](#), [6756](#), [6981](#), [7054](#), [7570](#), [7498](#), [8155](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-583 <-- INMI, VKM F-583 <- Eroshin V.K. IBPM <- All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia, 771. Received as: *Mucor ramannianus*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-7, C-8, D-4, F-1). ([2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-650 <-- INMI, VKM F-650 <- Eroshin V.K. IBPM <- Pushkinskaya O.I. INMI. Received as: *Mucor ramannianus*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-13, D-4, F-1). ([2550](#), [2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-664 <-- INMI, VKM F-664 <- Eroshin V.K. IBPM <- Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 14. Received as: *Mortierella ramanniana*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-1, D-4, F-1). ([2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-1992 <-- INMI, VKM F-1992 <- Mirchink T.G. DSB MSU, 1. Received as: *Mucor ramannianus*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Ex: soil. Mixed forest, Chashnikovo Educational and Experimental Station of MSU. Moscow Region, Chashnikovo. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1, S-5). ([2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-2340 <-- IBPM, IBPM F-15. Received as: *Mucor ramannianus*. Synonym *Mucor ramannianus* Moeller 1903, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Risk group: no. (Medium [9](#), 25°C, C-7, C-13, D-4, F-1, S-5). ([2864](#), [6756](#))

Umbelopsis ramanniana (Moeller 1903) W. Gams 2003

F-3006 <-- DSB MSU, 1. Received as: *Mortierella ramanniana*. Synonym *Mortierella ramanniana* (Moeller 1903) Linnemann 1941, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *ramanniana*. Ex: soddy-podzolic soil. Chashnikovo Educational and Experimental Station of MSU.

Moscow Region, Chashnikovo. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-7, D-4, F-1). ([2864](#), [6756](#))

Umbelopsis vinacea (Dixon-Stewart 1932) Arx 1984

F-580 <-- INMI, VKM F-580 <- Eroshin V.K. IBPM, 149 <- DMA MSU. Received as: *Mucor ramannianus*. Synonym: *Mortierella vinacea* Dixon-Stewart 1932. Other name: *Mucor ramannianus* Moeller 1903. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1). ([1698](#))

Umbelopsis vinacea (Dixon-Stewart 1932) Arx 1984

F-724 <-- INMI, VKM F-724 <- Mirchink T.G. DSB MSU. Received as: *Mucor ramannianus*. Synonym *Mortierella vinacea* Dixon-Stewart 1932. Other name: *Mucor ramannianus* Moeller 1903. Risk group: no. (Medium [11](#), 25°C, C-1, C-7, C-11, D-4, F-1). ([2864](#), [6756](#))

Umbelopsis vinacea (Dixon-Stewart 1932) Arx 1984

F-1625 <-- INMI, VKM F-1625 <- Milko A.A. Danilo Zabolotny Institute of Microbiology and Virology National Academy of Sciences of Ukraine, Kiev, Ukraine, 659. Received as: *Mucor angulisporus*. Synonym *Mucor angulisporus* Naumov 1935, *Mortierella ramanniana* (Moeller 1903) Linnemann 1941 var. *angulispora* (Naumov 1935) Linnemann 1941. Ex: soil. Russia. Risk group: no. (Medium [9](#), 25°C, C-1, C-8, F-1, S-5). ([1365](#), [2550](#))

Ustilago avenae (Persoon 1801) Rostrup 1890

F-2972 <-- Oberwinkler F., Germany, WEIU 10-1. Received as: *Ustilago perennans* Rostrup 1890. Synonym: *Ustilago perennans* Rostrup 1890. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([3919](#), [6035](#), [7097](#))

Ustilago cordae Liro 1924

F-2967 <-- Oberwinkler F., Germany, GD 1675.00. Received as: *Ustilago cordae* Liro 1924. Synonym: *Microbotryum cordae* (Liro 1924) G. Deml et Prillinger 1991. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5). ([3919](#), [6035](#), [6640](#))

Ustilago cynodontis (Passerini 1870) Hennings 1893

F-2968 <-- Oberwinkler F., Germany, GD 1735.00. Received as: *Ustilago cynodontis* (Passerini 1871) Hennings 1893. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5). ([3919](#), [6035](#), [7097](#))

Ustilago hordei (Persoon 1801) Lagerheim 1889

F-2969 <-- Oberwinkler F., Germany, GD 935.00. Received as: *Ustilago hordei* (Persoon 1801) Lagerheim 1889. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5). ([3919](#), [6035](#), [7097](#))

Ustilago maydis (de Candolle 1815) Corda 1842

F-2971 <-- Oberwinkler F., Germany, GD 868.00. Received as: *Ustilago maydis* (de Candolle 1815) Corda 1842. Risk group: no. (Medium [9](#), 25°C, C-12, F-1, S-4, S-5). ([3919](#), [7097](#))

Ustilago maydis (de Candolle 1815) Corda 1842

F-4680 Òype <-- Golubev V.I. VKM IBPM, VKM Y-2835 <- CBS 319.87. Synonym Pseudozyma prolifica Bandoni 1985. (CBS 319.87). Ex: Scirpus microcarpus. Canada. Risk group: no. (Medium [9](#), 20°C, F-1, S-4)

***Venturia* sp.**

F-1706 <-- INMI, VKM F-1706 <- Zhukovskaya S.A. Institute of Biology and Soil Sciences of the FEB RAS, Vladivostok, Russia, 1. Received as: Cephalodiplosporium elegans Kamyshchko 1961. Ex: Glycine hispida, root. Far Eastern Experimental Station of N.I. Vavilov Research Institute of Plant Industry. Primorsky Territory, Vladivostok. Russia. Risk group: no. (Medium [11](#), 25°C, C-13, F-1, S-5).

***Venturia tremulae* Aderhold 1897**

F-4742 <-- VKM IBPM, VKM FW-3234. Received as: Venturia tremulae. Ex: soil from tracked vehicle road rut, Oasis Scientific Station, soil pit LA56-Bn-03, depth 0–0,05 m. Bunge Oasis, Wilkes Land, Antarctica. DNA sequences: MF494610. Risk group: no. (Medium [9](#), 20°C, C-8, F-1, S-5)

***Verticillium albo-atrum* Reinke et Berthold 1879**

F-2437 <-- IBPM, IBPM F-268-1 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: Verticillium albo-atrum. Ex: Solanum tuberosum. Uzbekistan. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([5193](#), [5933](#), [5934](#), [6104](#))

***Verticillium albo-atrum* Reinke et Berthold 1879**

F-2438 <-- IBPM, IBPM F-268-2 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia <- Canada. Received as: Verticillium albo-atrum. Canada. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

***Verticillium dahliae* Klebahn 1913**

F-702 <-- INMI, VKM F-702 <- DMA MSU. Received as: Verticillium dahliae. (CBS 222.72A). Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1)

***Verticillium dahliae* Klebahn 1913**

F-703 <-- INMI, VKM F-703 <- DMA MSU. Received as: Verticillium dahliae. (CBS 222.72B). Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5). ([2763](#))

***Verticillium dahliae* Klebahn 1913**

F-933 <-- INMI, VKM F-933 <- VIZR, 801. Received as: Verticillium albo-atrum. (CBS 222.72C). Ex: Laurus nobilis. Georgia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1)

***Verticillium dahliae* Klebahn 1913**

F-2567 <-- IBPM, IBPM F-267-10 <- DMA MSU. Received as: Verticillium dahliae. Ex: Gossypium hirsutum. Armenia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

***Verticillium fumosum* Seman 1968**

F-2569 <-- IBPM, IBPM F-366 <- V.L. Komarov Botanical Institute RAS, Saint

Petersburg, Russia. Received as: *Verticillium fumosum*. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Verticillium lecanii (Zimmermann 1898) Viegas 1939

F-885 <-- INMI, VKM F-885 <- VIZR, 409. Received as: *Cephalosporium lecanii*. (CBS 455.70B). Ex: *Eulecanium citrasi*. Russia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Verticillium lecanii (Zimmermann 1898) Viegas 1939

F-2439 <-- IBPM, IBPM F-266 <- DMA MSU. Received as: *Verticillium album*. Synonym *Verticillium album* Rivolta 1872. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5). ([2068](#))

Verticillium longisporum (C. Stark 1961) Karapapa et al. 1997

F-4020 <-- Aleksandrova A.V. DMA MSU, 61. Received as: *Verticillium nubilum*. Other name: *Verticillium nubilum* Pethybridge 1919. Ex: small mammal, fur on litter. Fir-grove near stream, Volga River, right bank. Tver Region, Staritsy District, near Krutitsy. Russia. Risk group: no. (Medium [11](#), 25°C, F-1, S-5, D-4, C-8)

Verticillium tricorpus I. Isaac 1953

F-2572 <-- IBPM, IBPM F-363 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Verticillium nubilum*. Other name: *Verticillium nubilum* Pethybridge 1919. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5, C-8)

Verticillium tricorpus I. Isaac 1953

F-2573 <-- IBPM, IBPM F-365 <- V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia. Received as: *Verticillium tricorpus*. Netherlands. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5)

Verticillium villosum Rudakov 1981

F-2788 Type <-- Rudakov O.L. INMI, VKM MF-304. Received as: *Verticillium villosus*. Ex: fungus, *Cladosporium herbarum* on fruit of *Lycopersicon esculentum*. Moscow Region, Malye Vyazemy. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1368](#))

Verticillium zaregamsianum Inderbitzin et al. 2011

F-2558 <-- IBPM, IBPM F-267-1 <- DMA MSU. Received as: *Verticillium dahliae*. Other name: *Verticillium dahliae* Klebahn 1913. Ex: *Acer platanoides*. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Verticillium zaregamsianum Inderbitzin et al. 2011

F-2559 <-- IBPM, IBPM F-267-2 <- DMA MSU. Received as: *Verticillium dahliae*. Other name: *Verticillium dahliae* Klebahn 1913. Ex: *Laurus nobilis*. Georgia. Risk group: no. (Medium [11](#), 25°C, C-5, D-4, F-1, S-5)

Verticillium zaregamsianum Inderbitzin et al. 2011

F-2561 <-- IBPM, IBPM F-267-4 <- DMA MSU. Received as: *Verticillium dahliae*. Other name: *Verticillium dahliae* Klebahn 1913. Ex: *Evonymus sp.* Central

European Part. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, C-8, D-4, F-1, S-5)

Verticillium zaregamsianum Inderbitzin et al. 2011

F-2562 <-- IBPM, IBPM F-267-5 <- DMA MSU. Received as: *Verticillium dahliae*. Other name: *Verticillium dahliae* Klebahn 1913. Georgia. Risk group: no. (Medium [11](#), 25°C, C-1, C-8, D-4, F-1, S-5)

Verticillium zaregamsianum Inderbitzin et al. 2011

F-2568 <-- IBPM, IBPM F-267-11 <- DMA MSU. Received as: *Verticillium dahliae*. Other name: *Verticillium dahliae* Klebahn 1913. Ex: soil. Uzbekistan. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5, C-8)

Viennotidia humicola (Samson et W. Gams 1974) P.F. Cannon et D. Hawksworth 1982

F-2987 <-- Sizova T.P. DMA MSU <- Toskina I.N. National Institute of Restoration, Moscow, Russia. Received as: *Sphaeronaemella humicola*. Synonym: *Sphaeronaemella humicola* Samson et W. Gams 1974. Ex: decaying wood of conifers. USSR. Risk group: no. (Medium [11](#), 25°C, D-4, F-1, S-5).

Virgaria nigra (Link 1809) Nees 1817

F-3657 <-- Melnik V.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, 2/3. Received as: *Virgaria nigra*. Ex: unknown tree, bark. Luquillo Experimental Forest. near San Juan. Puerto Rico. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5).

Volutella ciliata (Albertini et Schweinitz 1805) Fries 1832

F-2448 <-- Milko A.A. IBIW, 58. Received as: *Volutella ciliata*. Ex: *Nuphar luteum*, decaying leaf. Uglich Reservoir. Russia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5).

Volutella roseola Cooke 1872

F-3551 <-- Egorova A.V., Velikanov L.L. DMA MSU, 84. Received as: *Volutella roseola*. Ex: sandy soil. Negev Desert, stream Ardon. near Mitzpe-Ramon. Israel. Risk group: no. (Medium [11](#), 25°C, C-8, S-5)

Wallemia sebi (Fries 1832) Arx 1970

F-197 <-- INMI, VKM F-197 <- CBS, CBS 200.33. Received as: *Oospora d'agatae*. (CBS 200.33). Italy. Risk group: no. (Medium [13](#), 25°C, C-8, S-5).

Wallemia sebi (Fries 1832) Arx 1970

F-418 <-- INMI, VKM F-418 <- CBS. Received as: *Torula epizoa*. Synonym *Torula epizoa* Corda 1829. (CBS 204.29). Risk group: no. (Medium [38](#), 25°C, C-1, C-7, F-1, S-5)

Wallrothiella subiculosa Hoehnel 1912

F-3029 <-- Mirchink T.G. DSB MSU, 390. Received as: *Wallrothiella subiculosa*. Ex: air. Laboratory, factory of soft drinks. USSR. Risk group: no. (Medium [11](#), 25°C, C-8, F-1, S-5). ([7396](#))

Wardomyces anomalus Brooks et Hansford 1923

F-3705 <-- Vorobeva E.A. DSB MSU, 15. Received as: *Wardomyces anomalus*. Ex:

permafrost, hole 3/95, depth 13,94-13,98 m, age 150 thousand years. Taylor Valley, Antarctica. Risk group: no. (Medium [13](#), 25°C, C-8, F-1, S-5).

Westerdykella dispersa (Clum 1955) Cejp et Milko 1964

F-786 <-- INMI, VKM F-786 <- Milko A.A., 1663. Received as: *Westerdykella semeonovi*. Synonym: *Westerdykella semeonovi* Milko 1965 Type strain. (CBS 319.65; IFO (now NBRC) 8787; IMI 323243). Ex: water. Danube River, near Ermakov Island. Odessa Region. Ukraine. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Westerdykella multispora (Saito et Minoura ex Cain 1961) Cejp et Milko 1964

F-1726 <-- INMI, VKM F-1726 <- Milko A.A., 4075. Received as: *Westerdykella multispora*. Ex: bog. Near Teterev River. Kiev Region, Ivankov District. Ukraine. Risk group: no. (Medium [7](#), 25°C, C-1, D-4, F-1, S-5)

Xeromyces bisporus L.R. Fraser 1953

F-1978 Òype <-- INMI, VKM F-1978 <- CBS, CBS 236.71. Received as: *Xeromyces bisporus*. (CBS 236.71; IMI 63718). Ex: *Glycyrrhiza glabra*, decaying stem. New South Wales. Australia. Risk group: no. (Medium [22](#), 25°C, C-1, D-4, F-1, S-5). ([8861](#))

Xerula pudens (Persoon 1801) Singer 1951

F-3535 <-- Sivochub O.A. V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia, LE(BIN) 0809 <- Semerdzhieva M. CCBAS, CCBAS-520. Received as: *Xerula longipes* (P. Kummer 1871) Maire 1933. Synonym: *Xerula longipes* (P. Kummer 1871) Maire 1933. (CBS 327.85; CCBAS 520; LEBIN 0809). Ex: fruitbody. Bohemia. Czech Republic. Risk group: no. (Medium [9](#), 25°C, C-11, S-4, S-5).

Xylobolus frustulatus (Persoon 1801) Boidin 1958

F-1452 <-- INMI, VKM F-1452 <- The Central scientific research institute of wood processing, Arkhangelsk, Russia. Received as: *Stereum frustulatum* (Persoon 1801) Fuckel 1861. Synonym: *Stereum frustulatum* (Persoon 1801) Fuckel 1861. Ex: *Quercus* sp. Voronezh Region. Russia. Risk group: no. (Medium [9](#), 25°C, C-5, S-4, S-5).

Zalerion maritima (Linder 1944) Anastasiou 1963

F-3183 <-- Ivanushkina N.E. VKM IBPM, Cr49. Received as: *Zalerion maritimum*. Ex: *Coriaria myrtifolia*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. Risk group: no. (Medium [11](#), 25°C, C-1, S-5). ([1914](#), [2019](#))

Zasmidium biverticillatum (Arzanlou et Crous 2007) Videira et Crous 2017

F-3182 <-- Ivanushkina N.E. VKM IBPM, C13. Received as: *Ramichloridium musae*. Synonym: *Ramichloridium musae* (Stahel 1937 ex M.B.Ellis 1976) de Hoog 1977, *Ramichloridium biverticillatum* Arzanlou et Crous 2007. Ex: *Ceanothus azureus*, actinorhizal nodule on root, endophyte. Sukhumi Botanical Garden. Sukhumi. Abkhazia. Risk group: no. (Medium [11](#), 25°C, C-1, F-1, S-5). ([1914](#), [2019](#))

Zygosporium echinosporum Bunting et E.W. Mason 1941

F-429 Type <-- INMI, VKM F-429 <- CBS, CBS 401.36. Received as: *Zygosporium echinosporum*. (MUCL 9818). Ex: cheese. Gold Coast. Ghana. Risk group: no. (Medium [11](#), 25°C, C-1, D-4, F-1, S-5).

Zymoseptoria passerinii (Saccardo 1884) Quaedvlieg et Crous 2011

F-4539 <-- VKM IBPM, VKM FW-3181. Received as: *Zymoseptoria passerinii*. Ex: permafrost, Russkaya Station, hole A8/08, depth 1,15-1,20 m. Marie Byrd Land, Antarctica. DNA sequences: JN835203. Risk group: no. (Medium [13](#), 10°C, C-8, F-1, S-5).

Zymoseptoria pseudotritici B. McDonald et al. 2012

F-4548 <-- VKM IBPM, VKM FW-3218. Received as: *Zymoseptoria pseudotritici*. Ex: permafrost, hole A5/08, depth 1,15-1,20 m. Bunger Oasis, Wilkes Land, Mount Chernaya area, Antarctica. DNA sequences: JN835194. Risk group: no. (Medium [13](#), 10°C, C-8, F-1, S-5)

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