

List of species

Protozoa Dictyosteliomycota Dictyosteliomycetes Dictyosteliales

Dictyosteliaceae Rostaf. ex Cooke (1877)

1. **Dictyostelium discoideum** Raper, J. Agric. Res. 50(2): 135 (1935). On bark of *J. communis* branches; Eastern Europe (Belomesyatseva, 2004).

Myxomycota Myxomycetes Echinosteliales

Echinosteliaceae Rostaf. ex Cooke (1877)

2. **Echinostelium apitectum** K.D. Whitney, Mycologia 72(5): 954 (1980). On wood of *J. occidentalis*; California (Index of Fungi 5).

3. **Echinostelium brooksii** K.D. Whitney, Mycologia 72(5): 957 (1980). On wood of *J. occidentalis*; California (Index of Fungi 5).

4. **Echinostelium coelocephalum** T.E. Brooks & H.W. Keller, Mycologia 68: 1212 (1977). On wood of *J. virginiana*; North America (Index of Fungi 4).

5. **Echinostelium corynophorum** K.D. Whitney, Mycologia 72(5): 962 (1980). On wood of *J. occidentalis*; California (Index of Fungi 5).

6. **Echinostelium paucifilum** K.D. Whitney, Mycologia 72(5): 974 (1980). On wood of *J. occidentalis*; California (Index of Fungi 5).

Liceales

Cribrariaceae Corda (1838)

7. **Cribraria confusa** Nann.-Bremek. & Y. Yamam., Proc. K. Ned. Akad. Wet., Ser. C, Biol. Med. Sci. 86(2): 212 (1983). On wood of *J. chinensis*; Japan (Index of Fungi 5).

Liceaceae Chevall. (1826)

8. **Licea denudescens** H.W. Keller & T.E. Brooks, Mycologia 69: 679 (1977). On bark of *J. virginiana*; North America (Index of Fungi 4).

9. **Licea nannengae** Pando & Lado, Mycotaxon 31(2): 299 (1988). On bark of *J. thurifera*; Spain (Index of Fungi 5).

10. **Licea perexigua** T.E. Brooks & H.W. Keller, Mycologia 69: 679 (1977). On wood of *J. virginiana*; North America (Index of Fungi 4).

11. **Licea pseudoconica** H.W. Keller & T.E. Brooks, Mycologia 69: 679 (1977). On wood of *J. virginiana*; North America (Index of Fungi 4).

12. **Licea scyphoides** T.E. Brooks & H.W. Keller, Mycologia 69: 679 (1977). On wood of *J. virginiana*; North America (Index of Fungi 4).

Reticulariaceae Chevall. (1826)

13. **Lycogala epidendrum (J.C. Buxb. ex L.) Fr.**, Syst. mycol. (Lundae) 3(1): 80 (1829). Bas.: *Lycoperdon epidendrum* L. (1753). Syn.: *Galoperdon epidendron* (L.) F.H. Wigg. (1780). On bark of *J. communis* branches; Eastern Europe (Belomesyatseva, 2004).

Physarales

Didymiaceae Rostaf. ex Cooke (1877)

14. **Didymium orthonemata H.W. Keller & T.E. Brooks**, Mycologia 65 (2): 290 (1973). On bark of *J. silicicola*; North America (Index of Fungi 4).

15. **Didymium synsporon H.W. Keller & T.E. Brooks**, Mycologia 65 (2): 287 (1973). On bark of *J. virginiana*; North America (Index of Fungi 4).

16. **Trabrooksia applanata H.W. Keller**, Mycologia 72(2): 396 (1980). On wood of *J. virginiana*; North America (Index of Fungi 5).

Physaraceae Rost. (1873)

17. **Badhamia rugulosa T.E. Brooks & H.W. Keller**, Mycologia 67: 1219 (1976). On wood of *J. virginiana*; North America (Index of Fungi 4).

18. **Leocarpus fragilis (Dicks.) Rostaf.**, Sluzowce monogr. (Paryz): 132 (1874). Bas.: *Lycoperdon fragile* Dicks. (1785). *Diderma vernicosum* Pers. (1795). On trunk of *J. virginiana*; North America (Farr et al., 1989). On bark of *J. communis* branches; Eastern Europe (Belomesyatseva, 2004).

Stemonitales

Stemonitidaceae Fr. (1832)

19. **Macbrideola declinata T.E. Brooks & H.W. Keller**, Mycotaxon 32(1): 385 (1988). On bark of *J. virginiana*; North America (Index of Fungi 5).

20. **Macbrideola oblonga Pando & Lado**, Mycotaxon 31(2): 302 (1988). On bark of *J. thurifera*; Spain (Index of Fungi 5).

21. **Stemonaria rufipes Nann.-Bremek. & Y. Yamam.**, Proc. K. Ned. Akad. Wet., Ser. C, Biol. Med. Sci. 87(4): 456 (1984). On rotten wood of *J. chinensis*; Japan (Index of Fungi 5).

Protosteliomycetes

Protosteliales

Cavosteliaceae L.S. Olive (1964)

22. **Protosporangium conicum W.E. Benn.**, Mycologia 78(5): 857 (1986). On trunk of *J. virginiana*; North America (Index of Fungi 5).

Chromista

Oomycota

Oomycetes

Pythiales

Pythiaceae J. Schröt. (1893)

23. **Phytophthora cactorum (Lebert & Cohn) J. Schröt.**, Krypt.-Fl. Schlesien 3(1): 236 (1886). Bas.: *Peronospora cactorum* Lebert & Cohn (1870). Syn.: *Peronospora cactorum* Lebert & Cohn (1870); *Phloeoophthora cactorum* (Lebert & Cohn) A.S. Wilson; *Phytophthora fagi* Rosenbaum

(1879); *Phytophthora omnivora* de Bary (1881). On roots of *J. sabina* — causing a root rot; North America (Farr et al., 1989).

24. **Phytophthora cinnamomi Rands**, Meded. Inst. Plantenziekt. 54: 1 (1922). On roots of *J. chinensis*, *J. sabina* — causing a root rot; North America (Farr et al., 1989).

25. **Phytophthora citrophthora (R.E. Sm. & E.H. Sm.) Leonian**, Bot. Gaz. 42: 215, 221 (1906). Bas.: *Pythiacystis citrophthora* R.E. Sm. & E.H. Sm. (1906). Syn.: *Phytophthora imperfecta* var. *citrophthora* (R.E. Sm. & E.H. Sm.) Sarej. On roots of *J. sabina* — causing a root rot; North America (Farr et al., 1989).

26. **Phytophthora cryptogea Pethybr. & Laff.**, Scientific Proc. R. Dublin Soc., N.S. 15(no. 35): 487–505 (1919). On roots of *J. chinensis* — causing a root rot; North America (Farr et al., 1989).

27. **Phytophthora nicotianae Breda de Haan**, Meded. Pftuin (Batavia) 15: 57 (1896). Syn.: *Ph. allii* Sawada; *Ph. formosana* Sawada; *Ph. imperfecta* var. *nicotianae* Sarej.; *Ph. lycopersici* Sawada; *Ph. manoana* Sideris; *Ph. melongenae* Sawada (1915); *Ph. nicotianae* var. *parasitica* (Dastur) G.M. Waterh. (1963); *Ph. parasitica* Dastur (1913); *Ph. parasitica* var. *nicotianae* Tucker (1931); *Ph. parasitica* var. *piperina* Dastur; *Ph. parasitica* var. *rhei* G.H. Godfrey (1923); *Ph. ricini* Sawada; *Ph. tabaci* Sawada (1927); *Ph. terrestris* Sherb. (1917). As *Ph. nicotianae* var. *parasitica* on roots of *J. conferta* — causing a root rot; North America (Farr et al., 1989).

28. **Pythium irregulare Buisman**, Meded. Phytopath. Labor. Willie Commelin Scholten Baarn 11: 38 (1927). On roots of *J. conferta* — causing a root rot; North America (Farr et al., 1989).

29. **Pythium splendens Hans Braun**, Journal of Agricultural Research 30: 1061 (1925). On roots of *J. virginiana* — causing a root rot; North America (Farr et al., 1989).

30. **Pythium sylvaticum W.A. Campb. & F.F. Hendrix**, Mycologia 59: 274 (1967). On roots of *J. conferta* — causing a root rot; North America (Farr et al., 1989).

Fungi Zygomycota Zygomycetes Glomales

Glomaceae Piroz. & Dalpé (1989)

31. **Glomus fuegianum (Speg.) Trappe & Gerd.** 'fuegianus' in Gerdemann & Trappe, Mycologia Mem. (St. Paul) 5: 58 (1974). In rhizosphere of *J. communis*; West Europe (Blaszkowski et al., 1998).

32. **Glomus microcarpum Tul. & C. Tul.** 'microcarpum', Giorn. Bot. Ital., ann. 1: 63 (1845). Syn.: *Endogone neglecta* Rodway (1918). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Mortierellales

Mortierellaceae A. Fisch. (1892)

33. **Mortierella vinacea Dixon-Stew.**, Trans. Br. Mycol. Soc. 17: 212 (1932). Syn.: *Umbelopsis vinacea* (Dixon-Stew.) Arx (1982). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Mucorales

Cunninghamellaceae Naumov ex R.K. Benj. (1952)

34. **Cunninghamella echinulata** (Thaxt.) Thaxt., *Rhodora* 5: 98 (1903). Bas.: *Oedocephalum echinulatum* Thaxt. (1891). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Mucoraceae Dumort. (1822)

35. **Mucor angulisporus** Naumov 'angulispora', *Opredelitel' mukorovykh*, Edn 2: 34 (1939). Syn.: *Micromucor ramannianus* var. *angulisporus* Naumov ex Váňová (1991); *Mortierella ramanniana* var. *angulispora* (Naumov) Linnem. (1941). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

36. **Mucor hiemalis** Wehmer, *Ann. Mycol.* 1: 39 (1903). Syn.: *M. adventitious* Oudem. (1902); *M. vallesiacus* Lendn. (1908); *M. albus* Pispek (1929). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

37. **Mucor plumbeus** Bonord., *Abh. Naturforsch. Ges. Halle* 8: 109 (1864). Syn.: *Calyptromyces plumbeus* (Bonord.) Sumst. (1910); *Circinomicor plumbeus* (Bonord.) Arx (1982). On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Ascomycota

Ascomycetes

Arthoniomycetidae

Incertae sedis

Melaspileaceae W. Watson (1929)

38. **Melaspilea proximella** Nyl. ex Norrl. in Norrlin, *Not. Sallsk. Fauna Fl. Fenn. Forh.* 13: 342 (1871) [1871–1874]. Syn.: *Arthonia proximella* Nyl. (1861). On trunks of *J. communis*, *J. communis* subsp. *nana*; Northland¹ (Holm K., Holm L., 1977).

Chaetothyriomycetidae

Chaetothyriales

Herpotrichiellaceae Munk (1953)

39. **Capronia juniperi** Richon, *Bull. Soc. Bot. Fr.* 2: 60 (1887). On twigs and branches of *J. communis*; West Europe (Saccardo's *Syll. fung.* IX; Oudemans, 1919).

Dothideomycetidae

Capnodiales

Euantennariaceae S. Hughes & Corlett ex S. Hughes (1972)

40. **Euantennaria rhododendri** (Woron.) S. Hughes, *N. Z. Jl Bot.* 12: 344 (1974). Bas.: *Aithalomyces rhododendri* Woron. (1927). As *Aithalomyces rhododendri*, "sooty moulds" on leaves and small twigs of *J. communis*; Northland (Holm K., Holm L., 1977).

¹ Northland means northwest European areas, both continental and insular.

Metacapnodiaceae S. Hughes & Corlett (1972)

41. **Metacapnodium juniperi** (W. Phillips & Plowr.) Speg., N. Z. J Bot. 10(2): 227 (1972). Bas.: *Capnodium juniperi* W. Phillips & Plowr. (1885). As *Capnodium juniperi* on branches of *J. communis*; North America (Oudemans, 1919). "Sooty moulds" on leaves and small twigs of *J. communis*; West Europe (Holm K., Holm L., 1977).

42. **Metacapnodium spongiosum** S. Hughes & Sivan. in Sivanesan, The Bitunicate Ascomycetes and their anamorphs (Vaduz): 109 (1984). On branches of *J. excelsa*; West Europe (Index of Fungi 5).

43. **Sthughesia juniperi** (Dearn.) M.E. Barr, Mycotaxon 29: 503 (1987). Bas.: *Dimerium juniperi* Dearn. (1926). On leaves of *J. communis*; West Europe (Index of Fungi 5).

Coryneliales

Coryneliaceae Sacc. ex Berl. & Voglino (1886)

44. **Caliciopsis nigra** (Schrad.) Fitzp., Mycologia 34: 501 (1942). Sanct. author: Fr. Bas.: *Stilbum nigrum* Schrad. (1835). On leaves of *J. virginiana*, in insect galls association; North America (Farr et al., 1989).

Dothideales

Botryosphaeriaceae Theiss. & P. Syd. (1918)

45. **Botryosphaeria dothidea** (Moug.) Ces. & De Not. (1863). Sanct. author: Fr. Bas.: *Sphaeria dothidea* Moug. in Fries (1832). Syn.: *Caumadothis dothidea* (Moug.) Petr. (1971); *Dothiorella mali* var. *fructans* Dearn. (1941). On twigs and branches of *Juniperus* spp. — causing a necrosis; North America (Farr et al., 1989).

46. **Botryosphaeria obtusa** (Schwein.) Shoemaker, Can. J. Bot. 42: 1298 (1964). Bas.: *Sphaeria obtusa* Schwein. (1822). Syn.: *Amerodothis ilicis* (Cooke) Theiss. & Syd. (1915); *Botryosphaeria ambigua* (Schwein.) Sacc. (1882); *Physalospora cupressi* (Berk. & M.A. Curtis) Sacc. (1882); *Physalospora cydoniae* G. Arnaud (1911); *Physalospora obtusa* (Schwein.) Cooke (1892); *Physalospora thyoidea* (Cooke & Ellis) Sacc. (1882); *Sphaeria ambigua* Schwein.; *Sphaeria juglandicola* Schwein.; *Sphaeria obtusa* Rabenh.; *Sphaeropsis malorum* Peck (1881); *Valsa juglandicola* (Schwein.) Cooke; *Wallrothiella eunotiaespora* (Cooke & Harkn.) Berl. & Voglino (1886). On twigs and branches of *J. virginiana* — causing a necrosis; North America (Farr et al., 1989).

47. **Botryosphaeria quercuum** (Schwein.) Sacc., Syll. fung. (Abellini) 1: 456 (1882). Sanct. author: Fr. Bas.: *Sphaeria quercuum* Schwein. (1822). Syn.: *Botryosphaeria dasylirii* (Peck) Theiss. & Syd. (1915); *Botryosphaeria hoffmannii* Höhn. (1904); *Botryosphaeria melanops* (Tul.) G. Winter (1887); *Dothidea dasylirii* Peck (1882); *Melanops quercuum* (Schwein.) Rehm (1919); *Melogramma quercuum* (Schwein.) Berk. (1876); *Phyllachora dasylirii* (Peck) Sacc. (1883); *Physalospora lagunculariae* Rehm (1901); *Puiggarina lagunculariae* (Rehm) Speg. (1919). On twigs and branches of *J. virginiana* — causing a necrosis; North America (Farr et al., 1989).

48. **Botryosphaeria ribis** Grossenb. & Duggar, Technical Bulletin New York Agricultural Experiment Station 18: 128 (1911). Syn.: *B. berengeriana* De Not. (1863); *Dothiorella ribis* (Fuckel) Sacc. (1884). On leaves of *J. virginiana*; North America (Farr et al., 1989).

49. **Byssolophis sphaerioides** (P. Karst.) E. Müll., Beitr. Krypt.-Fl. Schweiz 11(2): 340 (1962). Bas.: *Hysterium sphaerioides* P. Karst. (1872). As *Hysterium sphaerioides* on old branches of *J. communis*; Northland (Holm K., Holm L., 1977).

Dothideaceae Chevall. (1826)

50. **Dothidea acerva** M.E. Barr, Contr. Univ. Mich. Herb. 9: 611 (1972). On dead leaves and small twigs of *J. communis*; Northland (Holm K., Holm L., 1977). On leaves of *J. communis*; North America (Farr et al., 1989).

Dothioraceae Theiss. & P. Syd. (1917)

51. **Pringsheimia chamaecyparidis** Froid., Nova Hedwigia 23(4): 713 (1973) [1972]. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

Incertae sedis

52. **Teichospora collapsa** K. Holm & L. Holm, Symb. Bot. Upsal. 21: 41 (1977). Homotypic syn.: *Capronia collapsa* (K. Holm & L. Holm) O.E. Erikss. (1992). On wood of *J. communis*; Northland (Holm K., Holm L., 1977).

53. **Teichospora juniperina** K. Holm & L. Holm, Symb. Bot. Upsal. 21: 40 (1977). On bark and wood of *J. communis*; Northland (Holm K., Holm L., 1977); Eastern Europe (Belomesyatseva, 2004).

54. **Teichospora obducens** (Fr.) Fuckel, Symbolae mycologicae: 161 (1870). Bas.: *Sphaeria obducens* Fr. On wood and bark of *J. communis*; West Europe (Oudemans, 1919).

Hysteriales

Hysteriaceae Chevall. (1826)

55. **Glonium pusillum** H. Zogg, Beitr. Kryptfl. Schweiz 11(3): 62 (1962). On twigs and branches of *J. phoenicea*; West Europe (Index of Fungi 3).

56. **Glonium pygmaeum** P. Karst., Symb. Mycol. Fenn. 1: 259 (1872). On wood of *J. communis*; West Europe (Oudemans, 1919).

57. **Hysterographium funereum** (De Not.) Sacc., Syll. fung. (Abellini) 2: 779 (1883). Bas.: *Hysterium funereum* De Not. (1847). On wood of *J. communis*; West Europe (Oudemans, 1919).

Mytiliniaceae Kirschst. (1924)

58. **Actidium nitidum** (Ellis) H. Zogg, Berichte Schweiz. Bot. Ges. 70: 195–205 (1960). Bas.: *Glonium nitidum* Ellis. Syn.: *Psiloglonium nitidum* (Ellis) Petr. (1953). On leaves of *J. horizontalis*; North America (Farr et al., 1989).

59. **Lophium elegans** H. Zogg, Berichte Schweiz. Bot. Ges. 64: 141 (1954). On dead leaves of *J. communis* and *J. communis* subsp. *nana*; the Alps (Holm K., Holm L., 1977).

60. **Lophium mytilinum** (Pers.) Fr., Systema mycologicum 2: 533 (1823). Bas.: *Hysterium mytilinum* Pers. (1801). On leaves and small twigs of *J. communis*; Europe, Asia, North America (Oudemans, 1919; Holm K., Holm L., 1977). On leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

61. **Mytilinidion acicola** G. Winter, Hedwigia 19: 176 (1880). On leaves of *J. communis*; West Europe (Oudemans, 1919). On leaves, twigs and branches of *J. communis*, *J. communis* subsp. *nana*, *J. phoenicea*, and *J. procera*; Europe, Africa (Holm K., Holm L., 1977). On leaves of *J. communis*, *J. virginiana*; North America (Farr et al., 1989). On leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

62. **Mytilinidion decipiens** (P. Karst.) Sacc. 'Mytilidion', Michelia 1(no. 1): 55 (1877). Bas.: *Lophium decipiens* P. Karst. (1868). On bark and wood of *J. communis*; West Europe

(Oudemans, 1919; Holm K., Holm L., 1977). On branches of *J. silvicola*, *J. virginiana*; North America (Farr et al., 1989).

63. **Mytilinidion tortile (Schwein.) Sacc.** 'Mytilidion', Syll. fung. (Abellini) 2: 763 (1883). Sanct. author: Fr. Bas.: *Hysterium tortile* Schwein. (1825). On bark, leaves and twigs of *J. communis*; Eastern Europe (Naumov, 1964; Belomesyatseva, 2004). On bark of *J. virginiana*; North America (Farr et al., 1989).

64. **Quasiconcha reticulata M.E. Barr & M. Blackw.**, Mycologia 72 (6): 1224 (1981) [1980]. On galbuli of *J. virginiana*; North America (Farr et al., 1989).

Microthyriales

Microthyriaceae Sacc. (1883)

65. **Helminthopeltis almeidaeana Sousa da Câmara**, Agron. Lusit. 12: 102 (1950). On leaves and small twigs of *J. communis* subsp. *nana*; West Europe (Index of Fungi 2).

66. **Microthyrium pinophyllum (Höhn.) Petr.**, Ann. Mycol. 25: 326 (1927). Bas.: *Calothyriella pinophylla* Höhn. (1917). On fallen leaves of *J. communis*; West Europe (Holm K., Holm L., 1977). On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

67. **Seynesiella exigua M.E. Barr**, Rhodora 71: 196 (1969). On dead leaves of *J. communis*; North America (Farr et al., 1989).

68. **Seynesiella juniperi (Desm.) G. Arnaud**, Les Asterinees 1: 202 (1918). Bas.: *Dothidea juniperi* Desm. (1841). On living leaves of *J. communis*; West Europe (Holm K., Holm L., 1977); Eastern Europe (Belomesyatseva, 2004). On living leaves of *J. californica*, *J. communis*, *J. virginiana*; North America (Farr et al., 1989).

69. **Seynesiella sequoiae (Cooke & Harkn.) E. Müll.** (1962). Bas.: *Leptostroma sequoiae* Cooke & Harkn. On living leaves of *J. occidentalis*; North America (Farr et al., 1989).

70. **Trichothyrina pinophylla (Höhn.) Petr.**, Sydowia 4: 168 (1950). Bas.: *Leptopeltella pinophylla* Höhn. (1917). Syn.: *Lichenopeltella pinophylla* (Höhn.) P.M. Kirk ined.; *Micropeltopsis pinophylla* (Höhn.) Spooner & P.M. Kirk (1990). On old decaying leaves of *J. communis*; West Europe (Holm K., Holm L., 1977).

Mycosphaerellales

Mycosphaerellaceae Lindau (1897)

71. **Mycosphaerella juniperina (Ellis) Tomilin**, Novit. Syst. Plant. non Vascularium 6: 117 (1969) [1970]. Bas.: *Sphaerella juniperina* Ellis (1883). Syn.: *Dothidella juniperi* (Desm.) Höhn. (1918); *Laestadia juniperina* Sacc. (1883); *Sphaeropsis juniperi* Desm. (1849); *Mycosphaerella juniperi* (Fautrey & Roum.) Petr. (1934); *Sphaerella juniperi* Fautrey & Roum. (1891). As *Sphaerella juniperina* on dead leaves of *J. communis*; West Europe (Oudemans, 1919). On living leaves, small twigs and galbuli of *J. communis* and other species of juniper; Europe, Asia, North America (Holm K., Holm L., 1977; Tomilin, 1979). On leaves of *J. communis*, *J. horizontalis*, *J. virginiana*; North America (Farr et al., 1989).

72. **Mycosphaerella maculiformis (Pers.) J. Schröt.**, Krypt.-Fl. Schlesien 3(3): 333 (1894). Bas.: *Sphaeria maculiformis* Pers. (1797). On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

73. **Mycosphaerella silvatica (Sacc.) Petr. & Syd.**, Ann. Mycol. 23: 280 (1925). Bas.: *Stigmatea silvatica* Sacc. (1882). Syn.: *Sphaerella fructinex* Kirsch. (1938). As *Stigmatea silvatica* on leaves of *J. communis*; Europe (Oudemans, 1919). On fallen leaves of *J. communis*; West Europe (Tomilin, 1979). This name was regarded as a synonym of *Mycosphaerella juniperina* by K. Holm and L. Holm (1977).

74. **Sphaerulina baccarum** Rehm, Hedwigia 21: 122 (1882). On galbuli of *J. communis* subsp. *nana*; West Europe (Oudemans, 1919).

Patellariales

Patellariaceae Corda (1838)

75. **Holmiella sabina** (De Not.) Petrini, Samuels & E. Müll., Berichte der Schweizerischen Botanischen Gesellschaft 89(1-2): 80 (1979). Bas.: *Tryblidium sabinum* De Not. (1867). Syn.: *Karschia sabina* (De Not.) Rehm (1882); *Caldesia sabina* (De Not.) Rehm (1896); *Eutrybliidiella sabina* (De Not.) Höhn. (1918); *Trybliidiella sabina* (De Not.) Nannf. (1932); *Cenangium deformatum* Peck (1876); *Cenangella deformata* (Peck) Sacc. (1889); *Phaeangella deformata* (Peck) Sacc. & Sacc. (1906); *Karschia deformata* (Peck) Peck (1909); *Dermatella deformata* (Peck) Seaver (1951); *Trybliidiopsis occidentalis* Earle (1901). Anamorph: *Corniculariella* Karst. emend. DiCosmo. As *Eutrybliidiella sabina* on bark of *J. sabina* and *J. communis* (Holm K., Holm L., 1977). On twigs and branches of *J. communis*, *J. bermudiana*, *J. macropoda*, *J. oxycedrus*, *J. sabina*, *J. scopulorum*, *J. virginiana*. Isolated from living tissue of *J. communis*; Europe, Asia, North America (Petrini et al., 1979). On wood of *J. communis*, *J. scopulorum*, *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

76. **Murangium sequoiae** (Plowr. ex W. Phillips) Seaver (1951). Bas.: *Cenangium sequoiae* Plowr. On bark of *J. virginiana*; North America (Farr et al., 1989).

77. **Patellaria flexella** (Fr.) W. Phillips, Man. Brit. Discomyc. (London): 362 (1887). Bas.: *Peziza flexella* Fr. On trunks of *J. communis*; West Europe (Oudemans, 1919).

78. **Rhizodiscina lignyota** (Fr.) Hafellner, Beihefte zur Nova Hedwigia 62: 195 (1979). Bas.: *Peziza lignyota* Fr. (1822). On dead twigs and branches of *J. virginiana*; North America (Farr et al., 1989).

Pleosporales

Didymosphaeriaceae Munk (1953)

79. **Didymosphaeria igniaria** C. Booth, Trans. Br. Mycol. Soc. 51: 803 (1968). Syn.: *Massarina igniaria* (C. Booth) Aptroot (1998). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

80. **Didymosphaeria oxycedri** Fabre, Ann. Sc. Nat., Ser. 6 (9): 2 (1879). On branches of *J. oxycedry*; West Europe (Saccardo's Syll. fung. XIX, XII).

Leptosphaeriaceae M.E. Barr (1987)

81. **Leptosphaeria juniperi** Fautr., Revue Mycol. (Toulouse) 17: 70 (1895). On branch bark of *J. communis*; West Europe (Oudemans, 1919).

82. **Leptosphaeria juniperina** Hazsl., Math. Esterm. Közlem. 25(2): 150 (1892). On leaves of *J. communis* subsp. *nana*; the Alps (Saccardo's Syll. fung. XIV).

Lophiostomataceae Sacc. (1883)

83. **Herpotrichia callimorpha** (Auersw.) G. Winter var. **juniperi** Feltgen, Vorstud. Pilzfl. Luxemb. Nachtr. 2: 216 (1902). On twigs and branches of *J. communis*; West Europe (Oudemans, 1919).

84. **Herpotrichia juniperi** (Duby) Petr., Ann. Mycol. 23: 43 (1925). Bas.: *Sphaeria juniperi* Duby (1854). Syn.: *Herpotrichia nigra* R. Hartig (1888). On living and dead leaves of *J. communis*; West Europe (Oudemans, 1919; Holm K., Holm L., 1977). On living leaves of *J. communis* — causing a disease and leaves abscission; Eastern Europe (Fiodorov, 1978; Belomesyat-

seva, 2004). On living leaves of *J. communis*, *J. deppeana* var. *pachyphloea*, *J. horizontalis*, *J. scopulorum* — causing a disease and leaves abscission; North America (Farr et al., 1989).

85. **Herpotrichia mucilaginos** Starbäck & Grev., Bihang K. Svensk. Vet. Akad. Handl. 16 III 3 (1890). On fallen leaves of *J. communis*; West Europe (Oudemans, 1919).

86. **Keissleriella mediterranea** S.K. Bose, Phytopath. Z. 41: 186 (1961). On wood of *J. phoenicea*; island Crete (Index of Fungi 3).

87. **Lophiostoma juniperi** Fabre in Saccardo, Syll. fung. (Abellini) 2: 602 (1883). On branches of *J. communis*; West Europe (Oudemans, 1919).

88. **Lophiotrema juniperinum** Gucevič, Novit. Syst. Plant. non Vascularium 7: 165 (1970). On wood and bark of *J. sabina*; Crimea (Gucevič, 1970).

Melanommataceae G. Winter (1885)

89. **Melanomma junipericola** Rehm, Oesterr. Bot. Zeitschr. 61: 293 (1906). On branches of *J. communis* subsp. *nana*; West Europe (Saccardo's Syll. fung. XXII).

90. **Melanomma juniperinum** (P. Karst.) Sacc., Melichia 1(no. 2): 344 (1878). Bas.: *Sphaeria juniperina* P. Karst. (1873). On branches and trunk of *J. communis*; West Europe (Oudemans, 1919; Holm K., Holm L., 1977).

91. **Melanomma obtusum** Sacc., Syll. fung. (Abellini) 2: 100 (1883). On twigs and branches of *J. communis*; West Europe (Oudemans, 1919).

92. **Melanomma vindelicorum** Rehm, Ascom. exs., N 479 (1878). Homotypic syn.: *Trematosphaeria vindelicorum* (Rehm) Sacc. (1883). On dead wood of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

93. **Trematosphaeria bermudiana** Sivan., Trans. Br. Mycol. Soc. 67(1): 151 (1976). Syn.: *Trematosphaeria fusispora* Sivan. (1975). On leaves and small twigs of *J. bermudiana*; Europe (Index of Fungi 4).

Pleosporaceae Nitschke (1869)

94. **Extrawettsteinina minuta** M.E. Barr, Contr. Univ. Mich. Herb. 9: 538 (1972). Homotypic syn.: *Kriegeriella minuta* (M.E. Barr) Arx & E. Müll. (1975). On dead leaves of *J. communis*; West Europe, North America (Holm K., Holm L., 1977; Farr et al., 1989).

95. **Scleroplella juniperina** K. Holm & L. Holm, Symb. Bot. Upsal. 21(3): 34 (1977). On dead twigs and branches of *J. communis*; Northland (Holm K., Holm L., 1977).

Sporormiaceae Munk (1957)

96. **Sporormiella australis** (Speg.) S.I. Ahmed & Cain, Can. J. Bot. 50(3): 434 (1972). Bas.: *Sporormia australis* Speg. (1887). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

97. **Sporormiella cymatomera** S.I. Ahmed & Cain, Pakist. J. scient. ind. Res. 12 (3): 244 (1970). Syn.: *Preussia cymatomera* (S.I. Ahmed & Cain) Solans (1985). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

98. **Sporormiella intermedia** (Auersw.) S.I. Ahmed & Cain ex Kobayasi, Bull. Nat. Sci. Mus. (Tokyo) 12: 339 (1969). Bas.: *Sporormia intermedia* Auersw. (1868). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

99. **Sporormiella minima** (Auersw.) S.I. Ahmed & Cain, Pakist. J. scient. ind. Res. 12 (3): 241 (1970). Bas.: *Sporormia minima* Auersw., Hedwigia 7: 66 (1868). Syn.: *Preussia minima* (Auersw.) Arx (1973); *Sporormiopsis minima* (Auersw.) Breton & Faurel (1964). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

Tubeufiaceae M.E. Barr (1979)

100. **Acanthophiobolus gracilis** (Niessl) Arx & E. Müll., Stud. Mycol. 9: 83 (1975). On fallen leaves of *J. communis*; West Europe (Holm K., Holm L., 1977).

101. **Acanthophiobolus helminthosporus** (Rehm) Berl., Die Pilze des Weinstockes, Vienna: 571 (1893) [1892]. Bas.: *Leptospora helminthospora* Rehm. Syn.: *Acanthophiobolus chaetophorus* (Crouan) Svrček (1974). On fallen leaves of *J. communis*; West Europe (Holm K., Holm L., 1977).

Venturiaceae E. Müll. et Arx ex M.E. Barr (1979)

102. **Gibbera arxii** E. Müll., Sydowia 8: 60 (1954). Homotypic syn.: *Antennularia arxii* (E. Müll.) E. Müll. (1962); *Protoventuria arxii* (E. Müll.) M.E. Barr (1971). On old leaves and galls of *J. communis*; West Europe (Holm K., Holm L., 1977).

103. **Gibbera juniperi Auersw.**, Hedwigia 6: 46 (1867). Syn.: *Microthyrium juniperi* Sacc. (1878); *Stigmatea juniperi* Wint. As *Microthyrium juniperi* on leaves of *J. communis*; West Europe (Oudemans, 1919). On small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

104. **Venturia furcata Fautrey**, Revue Mycol. (Toulouse) 14: 5 (1892). On leaves of *J. sabina*; West Europe (Oudemans, 1919).

105. **Xenomeris hemisphaerica** E. Müll., Sydowia 12: 220 (1959). On leaves of *J. phoenicea*; West Europe (Index of Fungi 2).

106. **Xenomeris juniperi M.E. Barr & E. Müll.**, Beir. Kryptogamenfl. Schweiz. 11(2): 449 (1962). On small twigs of *J. communis*; West Europe (Index of Fungi 3).

Pyrenulales

Monoblastiaceae Walt. Watson (1929)

107. **Microthelia striatispora Aebi, Harr & E. Müll.**, Nova Hedwigia 22 (1–2): 641 (1972). Homotypic syn.: *Kirschsteiniothelia striatispora* (Aebi, Harr & E. Müll.) D. Hawksw. (1985). On dead twigs and branches of *J. communis* subsp. *nana*; the Alps (Index of Fungi 4).

Incertae sedis

Asterinaceae Hansf. (1946)

108. **Asterina cupressina Cooke**, Grevillea 5: 126 (1877). On leaves of *J. communis*; North America (Farr et al., 1989).

109. **Asterina juniperina Cooke**, Grevillea 16: 77 (1887). Syn.: *Arberia juniperina* (Cooke) Nieuwl. (1916); *Asteridium juniperinum* (Cooke) Sacc. (1891). On twigs and branches of *J. communis*; West Europe, North America (Saccardo's Syll. fung. IX; Oudemans, 1919).

110. **Halbania juniperi Sawada**, Rep. For. Exp. Sta. 46: 124 (1950). On dead leaves and small twigs of *J. chinensis*; Japan (Index of Fungi 2).

Micropeltidaceae Clem. et Shear (1931)

111. **Micropeltis juniperi Sousa da Câmara**, Agron. Lusit. 8: 36 (1946). On leaves of *J. communis* subsp. *nana*; West Europe (Index of Fungi 1).

112. **Stomiopeltis juniperi Dennis & Spooner**, Kew Bull. 32 (1): 134 (1977). On leaves of *J. brevifolia*; Azores (Index of Fungi 4).

113. **Stomiopeltis juniperina (Grove) K. Holm & L. Holm**, Symb. Bot. Upsal. 21(3): 38 (1977). Bas.: *Clypeolum juniperinum* Grove (1930). On leaves and small twigs of *J. communis*; West Europe (Holm K., Holm L., 1977). On small twigs of *J. communis*; Eastern Europe, on dead leaves of *J. sabina*; West Europe (Belomesyatseva, 2004). Following K. Holm and L. Holm

(1977) *Microthyrium baccharum* Rehm growing on *J. communis* galbuli in the Alps is a synonym of *Stomiopeltis juniperina*.

114. **Stomiopeltis pinastri (Fuckel) Arx**, Beitr. Kryptfl. Schweiz 11(2): 545 (1962). Bas.: *Microthyrium pinastri* Fuckel (1876). On branches of *J. communis*; West Europe (Holm K., Holm L., 1977).

Parmulariaceae E. Müll. et Arx ex M.E. Barr (1979)

115. **Coccodothis sphaeroidea (Cooke) Theiss. & Syd.**, Ann. Mycol. 12: 271 (1914). Bas.: *Dothidea sphaeroidea* Cooke (1878). Syn.: *Dothidella sphaeroidea* (Cooke) Ellis & Everh. (1892); *Phyllachora sphaeroidea* (Cooke) Cooke (1885). On leaves of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

Pseudoperisporiaceae Toro (1926)

116. **Pododimeria gallica E. Müll.**, Sydowia 12: 195 (1959). On leaves of *J. phoenicea*; West Europe (Index of Fungi 2).

117. **Pododimeria gelatinosa Luttr. & M.E. Barr**, Am. J. Bot. 65(3): 254 (1978). On dead twigs and branches of *J. virginiana*; North America (Farr et al., 1989).

118. **Pododimeria juniperi (Bat. & Peres) Luttr. & M.E. Barr**, Am. J. Bot. 65(3): 252 (1978). On dead twigs and branches of *J. virginiana*; North America (Farr et al., 1989).

Eurotiomycetidae

Eurotiales

Trichocomaceae E. Fisch. (1897)

119. **Talaromyces luteus (Sacc.) Stolk & Samson**, Studies in Mycology, 2: 23 (1972). Bas.: *Gymnoascus luteus* Sacc. (1895). Syn.: *Penicillium luteum* Zukal (1888); *Talaromyces luteus* (Zukal) C.R. Benj. (1955). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

120. **Talaromyces wortmannii (Klöcker) C.R. Benj.** 'wortmanni', Mycologia 47: 683 (1955). Bas.: *Penicillium wortmannii* Klocker (1903). Syn.: *Penicillium klockeri* Pitt (1980). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Onygenales

Gymnoascaceae Baran. (1872)

121. **Gymnoascus reesii Baran.**, Bot. Zeitung (Berlin) 145: 160 (1872). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Lecanoromycetidae

Agyriales

Agyriaceae Corda (1838)

122. **Agyrium caesium Fr.**, Syst. mycol. (Lundae) 2 (1): 232 (1822). On wood of *J. communis*; West Europe (Oudemans, 1919).

123. **Agyrium rufum (Pers.) Fr.**, Syst. mycol. (Lundae) 2 (1): 232 (1822). Sanct. author: Fr. Bas.: *Stictis rufa* Pers. (1800). On wood of *J. communis*; West Europe (Holm K., Holm L., 1977).

124. **Sarea difformis (Fr.) Fr.**, Elench. fung. (Griefswald) 2: 14 (1828). Bas.: *Peziza difformis* Fr. (1822). Syn.: *Biatorrella difformis* (Fr.) Vain. (1883); *Coniothyrium resinae* Sacc. & Berl.

(1885); *Epithyrium resinae* (Sacc. & Berl.) Sacc.; *Retinocyclus abietis* (P. Crouan) J.W. Groves & D.E. Wells (1956); *Tympanis abietis* P. Crouan (1867). As *Retinocyclus abietis* isolated from living tissue of *J. communis*; the Alps (Petrini, 1984). Isolated from living tissue of *J. occidentalis*; North America (Farr et al., 1989).

Lecanorales

Bacidiaceae Walt. Watson (1929)

125. ***Bacidia parathalassica* Llop & Gómez-Bolea**, Mycotaxon 72: 80 (1999). On bark of *J. phoenicea*; West Europe (Index of Fungi 7).

Cladoniaceae Zenker (1827)

126. ***Cladonia chlorophaea* (Flörke ex Sommerf.) Spreng.** in Linnaeus, Syst. veget., Edn 16, 4(1 Lichenes): 273 (1827). Bas.: *Cenomyce chlorophaea* Flörke ex Sommerf.. Syn.: *Cladonia pyxidata* subsp. *chlorophaea* (Flörke ex Sommerf.) V. Wirth (1994). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

127. ***Cladonia coniocraea* (Flörke) Spreng.** (1827). Bas.: *Cenomyce coniocraea* Flörke (1821). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

128. ***Cladonia cornuta* (L.) Hoffm.**, Descr. Pl. Cl. Crypt. 1: tab. 25 (1791). Bas.: *Lichen cornutus* L. On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Dactylosporaceae Bellem. & Hafellner (1982)

129. ***Mycolecis phoeniceae* Werner**, Bull. Trimest. Soc. Mycol. Fr. 82(1): 213 (1966). On bark of *J. phoenicea*; Morocco (Index of Fungi 4).

Lecanoraceae Körb. (1855)

130. ***Lecanora paramerae* I. Martinez, Aragón & Lumbsch**, Lichenologist 31(4): 315 (1999). On bark of *J. thurifera*; West Europe (Index of Fungi 7).

131. ***Lecanora sabina* Hern.-Padr. & Vanska** in Hernandez Padrin, Vanska & Perez de Paz, Nordic J Bot. 11(1): 123 (1991). On wood of *Juniperus phoenicea*; Canaries (Index of Fungi 6).

132. ***Lecanora symmicta* (Ach.) Ach.**, Synopsis methodica lichenorum: 340 (1814). Bas.: *Lecanora varia* var. *symmicta* Ach. (1810). On trunks, twigs, and branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

133. ***Lecidella achristotera* (Nyl.) Hertel & Leuckert var. *juniperina* Poelt & Nimis**, Studia Geobotanica 7(suppl. 1): 130 (1987). On trunks, twigs, and branches of *J. oxycedrus*; West Europe (Index of Fungi 5).

Lecideaceae Chevall. (1826)

134. ***Lecidea* sp.** On trunks, twigs, and branches of *J. virginiana*; North America (Farr et al., 1989).

Parmeliaceae Zenker (1827)

135. ***Hypogymnia physodes* (L.) Nyl.**, Lich. Envir. Paris: 39 (1896) [1895]. Bas.: *Lichen physodes* L. Syn.: *Parmelia physodes* (L.) Ach. On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

136. **Parmeliopsis hyperopta (Ach.) Arnold**, Meddn Soc. Fauna Flora Fenn. 6: 127 (1881). Bas.: *Parmelia hyperopta* Ach. On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

137. **Vulpicida juniperinus (L.) Mattsson & M.J. Lai**, Mycotaxon 46: 427 (1993). Bas.: *Lichen juniperinus* L. (1753). Syn.: *Cetraria juniperina* (L.) Ach. (1803); *Tuckermannopsis juniperina* (L.) Hale (1987). On trunks, twigs, and branches of *J. communis*; North America (Zahlbruckner's Cat. lich. univ. 6). On trunks, twigs, and branches of *Juniperus* sp.; West Europe (Index of Fungi 6). On bark of *J. communis*; Eastern Europe (Abramov et al., 1971).

138. **Vulpicida pinastri (Scop.) J.-E. Mattsson**, Mycotaxon 46: 428 (1993). Bas.: *Lichen pinastri* Scop. (1772). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Physciaceae Zahlbr. (1898)

139. **Rinodina mayrhoferi A. Crespo**, Lazaroa 5: 261 (1984) [1983]. On trunks, twigs, and branches of *J. thurifera*; West Europe (Index of Fungi 5).

Pertusariales

Pertusariaceae Körb. ex Körb. (1855)

140. **Pertusaria paramerae A. Crespo & Vězda**, An. Jard. Bot. Madr. 41(2): 252 (1985). On wood of *J. thurifera*; West Europe (Index of Fungi 5).

Teloschistales

Teloschistaceae Zahlbr. (1898)

141. **Caloplaca juniperi Poelt & Hinter.**, Bibliotheca Lichenologica 50: 150 (1993). On dead trunk of *J. indica*; Pakistan (Index of Fungi 6).

Leotiomycetidae

Helotiales

Dermateaceae Fr. (1849)

142. **Haglundia sp.** On dead wood of *J. communis*; Northland (Holm K., Holm L., 1977).

143. **Hysterostegiella juniperina (E. Müll.) Schmid-Heckel**, Pilze in den Berchtesgadener Alpen, Nationalpark Berchtesgaden Forschungsberichte (Regensburg): 27 (1988). Bas.: *Psilachnum juniperinum* E. Müll. (1968). On dead wood and bark of *J. communis* subsp. *nana*; the Alps (Index of Fungi 5).

144. **Mollisia caespiticia P. Karst.**, Mycol. Fenn. (Helsinki): 188 (1871). Homotypic syn.: *Pyrenopeziza caespiticia* (P. Karst.) Gremmen (1958). On dead leaves of *J. communis*; Northland (Holm K., Holm L., 1977).

145. **Mollisia cinerea (Batsch) P. Karst.**, Mycol. Fenn. (Helsinki) 1: 189 (1871). Bas.: *Peziza cinerea* Batsch (1786). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

146. **Mollisia juniperina K. Holm & L. Holm**, Symb. Bot. Upsal. 21: 21 (1977). On dead bark of *J. communis*; Europe (Holm K., Holm L., 1977; Belomesyatseva, 2004).

147. **Niptera duplex Starbäck**, Bihang K. Svensk. Vet. Akad. Handl. 21(3): 26 (1895). Homotypic syn.: *Dibeloniella duplex* (Starbäck) E. Müll. & Defago (1968); *Nipterella duplex* (Starbäck) Dennis (1962). On wood of *J. communis*; Europe, Asia (Oudemans, 1919).

148. **Niptera turicensis Rehm**, Hedwigia 34: 160 (1895). On leaves of *J. sabina*; West Europe (Oudemans, 1919).

149. **Pezicula juniperina** Rehm, Ber. Bayer. Bot. Ges. 13: 201 (1912). On bark of *J. communis*; West Europe (Verkley, 1999).

150. **Pyrenopeziza moutoni** Rehm, Hedwigia, Beibl. 38: 244 (1899). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

151. **Tapesia rosae** (Pers.) Fuckel, Symbolae mycologicae: 301 (1869). Sanct. author: Fr. Bas.: *Peziza rosae* Pers. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

Helotiaceae Rehm. (1886)

152. **Cenangium acuum** Cooke & Peck, Grevillea 7: 40 (1878). Syn.: *Cenangium acicola* Fuckel (1889); *Encoelia acicola* (Fuckel) Höhn. (1923). On dead leaves of *J. communis*; Europe, North America (Holm K., Holm L., 1977; Belomesyatseva, 2004).

153. **Chloroscypha cedrina** (Cooke) Seaver, Mycologia 23: 249 (1931). Bas.: *Peziza cedrina* Cooke & W.R. Gerard. On leaves of *J. virginiana*; North America (Farr et al., 1989).

154. **Chloroscypha juniperina** (Ellis) Seaver, Mycologia 23: 250 (1931). Bas.: *Dermatea juniperina* Ellis (1889). Syn.: *Kriegeria juniperina* (Ellis) Seaver (1943). On leaves and small twigs of *J. communis*; North America (Oudemans, 1919; Petrak's Lists 6).

155. **Chloroscypha sabina** (Fuckel) Dennis, Kew Bull. 4: 410 (1954). Bas.: *Peziza sabina* Fuckel (1867). Syn.: *Dermatea acicola* Briard & Sacc. (1885); *Cenangium helioides* Sacc. & Mouton (1889). As *Cenangium helioides* on leaves of *J. communis*; West Europe (Oudemans, 1919). On leaves and small twigs of *J. communis* and *J. sabina*; Europe (Holm K., Holm L., 1977; Belomesyatseva, 2004). On leaves of *J. chinensis*; North America (Farr et al., 1989).

156. **Godronia ribis** (Fr.) Seaver, Mycologia 37: 339 (1945). Sanct. author: Fr. Bas.: *Cenangium ribis* Fr. Syn.: *Fuckelia ribis* (Fr.) Bonord. (1864); *Scleroderris ribis* (Fr.) Lind (1913). On leaves of *J. occidentalis*; North America (Farr et al., 1989).

157. **Gremmeniella abietina** (Lagerb.) M. Morelet, Annales de la Societe des Sciences Naturelles et d'Archeologie de Toulon et du Var 183: 9 (1969). Bas.: *Crumenula abietina* Lagerb. Syn.: *Ascocalyx abietina* (Lagerb.) Schlapf-Bernh. (1969); *Brunchorstia destruens* Erikss. (1891); *Brunchorstia pinea* (P. Karst.) Höhn. (1915); *Brunchorstia pinea* var. *cembrae* M. Morelet (1980); *Brunchorstia pinea* var. *pinea* (P. Karst.) Höhn. (1900); *Crumenula pinea* (P. Karst.) Ferd. & P.M. Jorg. (1939); *Excipulina pinea* (P. Karst.) Höhn. (1903); *Godronia abietina* (Ellis & Everh.) Seaver (1951); *Lagerbergia abietina* (Lagerb.) D.A. Reid ex Dennis (1971); *Scleroderris abietina* (Lagerb.) Gremmen (1953); *Scleroderris lagerbergii* Gremmen (1955). On small twigs of *J. communis*; West Europe (Holm K., Holm L., 1977).

158. **Gremmeniella juniperina** K. Holm & L. Holm, Symb. Bot. Upsal. 21(3): 11 (1977). Homotypic syn.: *Ascocalyx juniperinus* (K. Holm & L. Holm) E. Müll. & Dorworth (1983). On dead leaves of *J. communis*; Europe (Holm K., Holm L., 1977; Belomesyatseva, 2004).

159. **Helotium juniperi** Velen., Monogr. Discom. Bohem.: 195 (1934). Homotypic syn.: *Pezizella junipericola* Svrček (1985). On old decaying trunks of *J. communis*; Europe (Holm K., Holm L., 1977).

160. **Helotium juniperinellum** (P. Karst.) P. Karst., Mycol. Fenn. (Helsinki): 133 (1871). Bas.: *Peziza juniperinella* P. Karst. (1869). Syn.: *Antinoa juniperinella* (P. Karst.) Velen. (1934); *Phialea juniperinella* (P. Karst.) Sacc. (1889). As *Phialea juniperinella* on leaves of *J. communis* (Oudemans, 1919). On dead wood and bark of *J. communis*; West Europe (Holm K., Holm L., 1977).

161. **Pezizella juniperina** Velen., Monogr. Discom. Bohem.: 163 (1934). On trunks of *J. communis*; Europe (Petrak's Lists 7).

162. **Tympanis juniperina (Sacc.) Sacc.**, Syll. fung. (Abellini) 8: 584 (1889). Bas.: *Tympanis pitya* Sacc. On leaves and twigs of *J. sabina* (Saccardo's Syll. fung. VIII). On wood of *J. communis*; West Europe (Holm K., Holm L., 1977).

163. **Tympanis pinastri (Pers.) Tul. & C. Tul.**, Select. fung. carpol. 3: 151 (1865). Bas.: *Peziza pinastri* Pers. (1800). Syn.: *Cenangium pinastri* (Pers.) Fr. (1822); *Triblidium pinastri* (Pers.) Fr. 'Tryblidium' (1849); *Tryblidis pinastri* (Pers.) Clem. (1909); *Tryblidiopsis picea* Velen. (1934); *Tryblidiopsis pinastri* (Pers.) P. Karst. (1871). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

164. **Velutarina juniperi (Dennis) K. Holm & L. Holm**, Symb. Bot. Upsal. 21(3): 10 (1977). Bas.: *Cenangium juniperi* Dennis (1971). On bark of *J. communis*; Europe (Holm K., Holm L., 1977; Belomesyatseva, 2004).

165. **Velutarina rufo-olivacea (Alb. & Schwein.) Korf**, Phytologia 21(4): 201 (1971). Sanct. author: Fr. Bas.: *Peziza rufo-olivacea* Alb. & Schwein. (1805). On dead leaves and small twigs of *J. communis*; Europe (Holm K., Holm L., 1977; Belomesyatseva, 2004).

166. **Xylogramma sticticum (Fr.) Wallr.** in Saccardo, Syll. fung. (Abellini) 8: 677 (1889). Bas.: *Xylographa stictica* Fr. On dead wood and bark of *J. communis*; West Europe (Oudemans, 1919).

Hemiphacidiaceae Korf (1962)

167. **Didymascella oxycedri Maire & Sacc.**, Ann. Mycol. 1: 418 (1903). On leaves of *J. oxycedrus*; West Europe (Oudemans, 1919). On living leaves of *J. oxycedrus* — causing a disease and leaves abscission; West Europe (Pantidou, Darker, 1963).

168. **Didymascella tetramicrospora Pantidou & Darker**, Mycologia 55: 417 (1963). Syn.: *Keithia tetramicrospora* Shope (1943). On living leaves of *J. scopulorum* — causing a disease and leaves abscission; North America (Farr et al., 1989).

169. **Didymascella tetraspora (W. Phillips & Keith) Maire**, Fasc. Bull. Soc. Mycol. France 46: 215 (1927). Bas.: *Phacidium tetrasporum* W. Phillips & Keith (1880). Syn.: *Keithia tetraspora* (W. Phillips & Keith) Sacc. (1892). As *Keithia tetraspora* on living leaves of *J. communis*; West Europe (Oudemans, 1919). On leaves of *J. communis*, *J. macrocarpa*; West Europe (Pantidou, Darker, 1963).

170. **Keithia juniperi J.K. Mill.**,² J. Elisha Mitchell scient. Soc. 51 (1935). On living leaves of *J. virginiana*; North America (Petrač's Lists 7).

Hyaloscyphaceae Nannf. (1932)

171. **Cistella acuum (Alb. & Schwein.) Svrček**, Sb. nar. Mus. Praze (1959). Sanct. author: Fr. Bas.: *Peziza acuum* Alb. & Schwein. (1805). Syn.: *Dasyscyphus acuum* (Alb. & Schwein.) Fr. 'Dasyscypha' (1822). As *Dasyscyphus acuum* on fallen leaves of *J. communis*; Northland (Holm K., Holm L., 1977).

172. **Cistella pinicola (Henn. & Plötn.) K. Holm & L. Holm**, Symb. Bot. Upsal. 21(3): 15 (1977). Bas.: *Niptera pinicola* Henn. & Plötn. (1899). Homotypic syn.: *Ciliolarina pinicola* (Henn. & Plötn.) Huhtinen (1993). On twigs and branches of *J. communis*; West Europe (Holm K., Holm L., 1977).

173. **Fuscolachnum boreale (K. Holm & L. Holm) J.H. Haines** 'borealis', Mem. N.Y. Bot. Gard. 49: 324 (1989). Bas.: *Dasyscyphus borealis* K. Holm & L. Holm (1977). On living leaves of *J. communis*; Northland (Holm K., Holm L., 1977).

² Following Pantidou and Korf (1954, see Pantidou, Darker, 1963) *Keithia juniperi* is a synonym of *Coccodotthis sphaeroidea* (Cook) Theiss. & Syd.

174. *Hyaloscypha juniperi* E. Müll., Sydowia 21: 149 (1968). On dead leaves of *J. communis* subsp. *nana*; West Europe (Index of Fungi 3).

175. *Lachnellula arida* (W. Phillips) Dennis, Persoonia 2 (2): 183 (1962). Bas.: *Peziza arida* W. Phillips (1877). Syn.: *Dasyscyphus arida* (W. Phillips) Sacc. 'Dasyscypha' (1889); *Trichoscyphella arida* (W. Phillips) E. Müll. & S. Ahmad (1962). On dead leaves and small twigs of *J. communis*; Northland (Holm K., Holm L., 1977).

176. *Lachnellula flavovirens* (Bres.) Dennis, Persoonia 2 (2): 182 (1962). Bas.: *Dasyscyphus flavovirens* Bres. Syn.: *Trichoscyphella flavovirens* (Bres.) M.M. Moser (1963). On small twigs of *J. communis*; West Europe (Moser, 1963).

177. *Lachnellula fuscovirens* (Rehm) Dennis, Persoonia 2 (2): 184 (1962). Bas.: *Dasyscyphus fuscovirens* Rehm 'Dasyscypha' (1872). Syn.: *Trichoscyphella fuscovirens* (Rehm) Svrček (1962). On bark of *J. communis*; Northland (Holm K., Holm L., 1977).

178. *Lachnellula juniperina* (K. Holm & L. Holm) Vesterh. in Knudsen & Hansen, Nordic J Bot. 16(2): 212 (1996). Bas.: *Dasyscyphus juniperinus* K. Holm & L. Holm (1977). On dead leaves and small twigs of *J. communis*; Northland (Holm K., Holm L., 1977).

179. *Lachnellula suecica* (de Bary ex Fuckel) Nannf. in Lundell & Nannfeldt, Fungi Exsicc. 41–42: 48 (1953). Bas.: *Pithya suecica* de Bary ex Fuckel. Syn.: *Peziza chrysophthalma* Pers. (1801); *Lachnella chrysophthalma* (Pers.) P. Karst. (1884); *Lachnellula chrysophthalma* (Pers.) P. Karst. (1884). On dead leaves and small twigs of *J. communis*; Northland (Holm K., Holm L., 1977).

180. *Lachnum bicolor* (Bull.) P. Karst., Mycol. Fenn. (Helsinki): 172 (1871). Sanct. author: Fr. Bas.: *Peziza bicolor* Bull. (1791). Syn.: *Dasyscyphus bicolor* (Bull.) Fuckel (1869). As *Dasyscyphus bicolor* on bark of *J. communis*; West Europe (Oudemans, 1919).

181. *Unciniella laricionis* (Velen.) K. Holm & L. Holm, Symb. Bot. Upsal. 21(3): 17 (1977). Bas.: *Uncinia laricionis* Velen. (1934). Homotypic syn.: *Hamatocanthoscypha laricionis* (Velen.) Svrček (1977). On dead leaves and small twigs of *J. communis*; West Europe (Holm K., Holm L., 1977).

181a. *Unciniella laricionis* var. *phaeotricha* K. Holm & L. Holm, Symb. Bot. Upsal. 21(3): 18 (1977). Homotypic syn.: *Hamatocanthoscypha uncinata* var. *phaeotricha* (K. Holm & L. Holm) Huhtinen (1990). On leaves and small twigs of *J. communis*; Northland (Holm K., Holm L., 1977).

182. *Unciniella uncinata* (W. Phillips) K. Holm & L. Holm, Symb. Bot. Upsal. 21(3): 19 (1977). Bas.: *Peziza uncinata* W. Phillips (1877). Homotypic syn.: *Hamatocanthoscypha uncinata* (W. Phillips) Huhtinen (1990); *Unguiculella uncinata* (W. Phillips) Dennis (1963). On leaves of *J. communis*; West Europe, North America (Holm K., Holm L., 1977).

183. *Urcolella conspicua* Huhtinen, Mycotaxon 29: 277 (1987). On leaves of *J. communis*; West Europe (Index of Fungi 5).

Phacidiaceae Fr. (1825)

184. *Phacidium infestans* P. Karst., Symb. Mycol. Fenn. 19: 87 (1888). Syn.: *Phacidium abietis* (Dearn.) J. Reid & Cain (1963); *Phacidium infestans* var. *abietis* Dearn. (1926); *Phacidium lacerum* f. *pini-cembrae* Rehm; *Phacidium pini-cembrae* (Rehm) Terrier (1942). On leaves of *J. communis* — causing a disease; Northland (Holm K., Holm L., 1977).

185. *Phacidium lacerum* Fr., Observ. mycol. (Copenhagen) 2: 313 (1818). Sanct. author: Fr. Syn.: *Ceuthospora pinastri* (Fr.) Höhn. (1925); *Dothidea pinastri* Fr. (1832); *Dothiorella pinastri* (Fr.) Sacc. (1884); *Fusicoccum taxi* Died. (1912). On leaves of *J. communis* — causing a disease; Europe (Holm K., Holm L., 1977).

Rutstroemiaceae Holst-Jensen, L.M. Kohn & T. Schumach. (1997)

186. **Rutstroemia firma (Pers.) P. Karst.**, Mycol. Fenn. (Helsinki) 1: 108 (1871). Sanct. author: Fr. Bas.: *Peziza firma* Pers. Syn.: *Ciboria firma* (Pers.) Fuckel (1870); *Hymenoscyphus firma* (Pers.) W. Phillips (1887); *Phialea firma* (Pers.) Gillet (1881); *Poculum firmum* (Pers.) Dumont (1976). As *Ciboria firma* on leaves of *J. communis* (Oudemans, 1919). On dead leaves and galbuli of *J. communis*; West Europe (Holm K., Holm L., 1977).

187. **Rutstroemia johnstonii (Berk.) K. Holm & L. Holm**, Symb. Bot. Upsal. 21(3): 7 (1977). Bas.: *Peziza johnstonii* Berk. (1844). On stroma of *Cytospora* on *J. communis*; Northland (Holm K., Holm L., 1977).

188. **Rutstroemia juniperi K. Holm & L. Holm**, Symb. Bot. Upsal. 21(3): 5 (1977). Homotypic syn.: *Lanzia juniperi* (K. Holm & L. Holm) Krieglst. & Strodel (1985). On dead twigs and branches of *J. communis* with stroma of *Cytospora*; Europe (Holm K., Holm L., 1977; Belomesyatseva, 2004).

Incertae sedis

189. **Didonia juniperina Velen.**, Monogr. Discom. Bohem.: 296 (1934). On old decaying leaves of *J. communis*; Europe (Velenovsky, 1934).

Rhytismatales

Ascodichaenaceae D. Hawksw. & Sherwood (1982)

190. **Pseudophacidium ledi (Alb. & Schwein.) P. Karst.**, Acta Soc. Fauna Flora Fenn. 2 (6): 157 (1885). Bas.: *Xyloma ledi* Alb. & Schwein. (1805). Syn.: *Phacidium callunae* P. Karst. (1866); *Pseudophacidium callunae* (P. Karst.) P. Karst. (1885); *Myxophacidium callunae* (P. Karst.) Höhn. (1917); *Hypoderma cassandrae* Ellis & Everh. (1894); *Hypodermopsis cassandrae* (Ellis & Everh.) Kuntze (1898). On dead leaves and small twigs of *J. communis*; West Europe (Holm K., Holm L., 1977).

Rhytismataceae Chevall. (1826)

191. **Coccomyces petersii (Berk. & M.A. Curtis) Sherwood**, Occ. Pap. Farlow Herb. Crypt. Bot. 15: 78 (1980). Bas.: *Hysterium petersii* Berk. & M.A. Curtis (1875). Syn.: *Lophodermium petersii* (Berk. & M.A. Curtis) Sacc. (1883); *Hypoderma petersii* (Berk. & M.A. Curtis) Kuntze (1898); *Colpoma juniperinum* Cooke & Peck (1876). On leaves and small twigs of *J. communis*; West Europe (Holm K., Holm L., 1977). On twigs and branches of *J. communis*, *J. virginiana*; North America (Farr et al., 1989).

192. **Colpoma juniperi (P. Karst.) Dennis**, Kew Bull. 1957: 401 (1958) [1957]. Bas.: *Phacidium pini* f. *juniperi* P. Karst. (1866). Syn.: *Coccomyces juniperi* (P. Karst.) P. Karst. (1871); *Clithris juniperi* Rehm. (1917); *Clithris crispa* Rehm ssp. *juniperina* Starbäck (1889); *Pragmoparopsis juniperi* (P. Karst.) Höhn. (1917); *Godronia juniperi* Rostr. (1891). On twigs and branches of *J. communis*; Eastern Europe (Oudemans, 1919; Holm K., Holm L., 1977; Belomesyatseva, 2004).

193. **Lophodermium juniperinum (Fr.) De Not.**, G. Bot. Ital., N.S. 2 (7–8): 46 (1847). Bas.: *Hysterium juniperinum* Fr. (1818). Syn.: *Hypoderma juniperinum* (Fr.) Kuntze (1898); *Hysterium juniperi* Grev. (1823); *Lophodermium juniperina* (Fr.) Tehon (1935). On living leaves of *J. communis* — causing a disease and leaves abscission; Europe, Asia, North America (Oudemans, 1919; Holm K., Holm L., 1977; Farr et al., 1989; Belomesyatseva, 2004).

193a. **Lophodermium juniperinum var. minorospora Zalesky, Domański & Wojc.**, Acta Soc. Bot. Pol. 19: 116 (1948). On living leaves of *J. communis*; Eastern Europe (Index of Fungi 1).

193b. **Lophodermium juniperinum (Fr.) De Not. f. cupressi-thyoidis Sacc.**, *Michelia* 2 (8): 571 (1882). On leaves of *J. sabina*; West Europe (Saccardo's Syll. fung. II).

194. **Lophodermium sabina Fautrey**, *Revue Mycol. (Toulouse)* 13: 169 (1891). Homotypic syn.: *Hypoderma sabina* (Fautrey) Kuntze (1898). On leaves of *J. sabina*; West Europe (Saccardo's Syll. fung. XI; XII; Oudemans, 1919).

195. **Propolis farinosa (Pers.) Fr.**, *Summa veg. Scand. (Sweden)*: 372 (1849). Bas.: *Stictis farinosa* Pers. (1822). Syn.: *Propolis versicolor* De Not. (1846); *Propolis viridis* L.M. Dufour (1896); *Propolomyces farinosus* (Pers.) Sherwood (1977). On bark of *J. communis*; Northland (Holm K., Holm L., 1977). On *J. oxycedrus*; Crimea (Dudka et al., 2004).

196. **Therrya pini (Alb. & Schwein.) Höhn.**, *Ber. Bayer. Bot. Ges.* 35: 422 (1917). Sanct. author: Fr. Bas.: *Xyloma pini* Alb. & Schwein. (1805). Syn.: *Coccomyces pini* (Alb. & Schwein.) P. Karst. (1871); *Phacidium pini* (Alb. & Schwein.) W. Phillips (1887); *Coccophacidium pini* (Alb. & Schwein.) Rehm (1888); *Therrya gallica* Sacc. & Penz. (1882); *Durandiella helvetica* Gremmen (1955). As *Coccomyces pini* on bark of *J. communis*; West Europe (Oudemans, 1919).

Incertae sedis

197. **Mellitiosporiella macrospora Sherwood**, *Sydowia* 38: 270 (1986) [1985]. On wood of *J. virginiana*; North America (Farr et al., 1989).

198. **Mellitiosporium carestianum Sacc.** 'Melittiosporium', *Malpighia* 13: 8 (1899). On branches of *J. communis*; West Europe (Oudemans, 1919).

Pezizomycetidae

Pezizales

Helvellaceae Fr. (1823)

199. **Helvella juniperi M. Filippa & Baiano**, *Rivista di Micologia* 42 (2): 100 (1999). On fallen leaves of *Juniperus* sp.; West Europe (Index of Fungi 7).

Pyronemataceae Corda (1842)

200. **Lamprospora wrightii (Berk. & M.A. Curtis) Seaver**, *Mycologia* 6(1): 15 (1914). Bas.: *Peziza wrightii* Berk. & M.A. Curtis (1865). Syn.: *Barlaea wrightii* (Berk. & M.A. Curtis) Sacc.; *Barlaeina wrightii* (Berk. & M.A. Curtis) Sacc. & Traverso; *Humaria wrightii* (Berk. & M.A. Curtis) Boud. (1907); *Octospora wrightii* (Berk. & M.A. Curtis) J. Moravec (1969). On bark of *J. virginiana*; North America (Farr et al., 1989).

Sarcoscyphaceae Le Gal ex Eckblad (1968)

201. **Pithya cupressi (Batsch) Fuckel**, *Jb. Nassau. Ver. Naturk.* 23–24: 317 (1870) [1869]. Bas.: *Peziza cupressi* Batsch (1783). Syn.: *Peziza cupressina* Fr. (1822); *Pithya thujina* Sacc. (1889). On leaves of *J. communis*, *J. sabina* (Oudemans, 1919). On twigs of *J. communis* (West Europe) (Holm K., Holm L., 1977). On bark of *Juniperus* spp.; Eastern Europe (Smitskaja, 1980; Belomesyatseva, 2004). On dead leaves of *J. chinensis*, *J. horizontalis*, *J. virginiana*; North America (Farr et al., 1989).

202. **Pithya vulgaris Fuckel**, *Symbolae mycologicae*: 317 (1869). On bark of *Juniperus* sp.; Eastern Europe (Naumov, 1964).

Sarcosomataceae Kobayasi (1937)

203. **Plectania melastoma (Sowerby) Fuckel**, *Jb. Nassau. Ver. Naturk.* 23–24: 323 (1870). Sanct. author: Fr. Bas.: *Peziza melastoma* Sowerby (1798). Syn.: *Calycina melastoma* (Sow-

erby) Gray; *Lachnea melastoma* (Sowerby) Gillet; *Urnula melastoma* (Sowerby) Boud. (1907). On twigs of *J. communis*; West Europe (Oudemans, 1919). On dead twigs of *J. virginiana*; North America (Farr et al., 1989).

204. **Plectania nannfeldtii Korf** (1957). Syn.: *Helvella nigrella* (Seaver) F.L. Tai (1979); *Macroscyphus nigrellus* (Seaver) Z.S. Bi (1990); *Paxina nigrella* Seaver (1928). On dead twigs of *J. virginiana*; North America (Farr et al., 1989).

Incertae sedis

205. **Orbicula parietina (Schröd.) S. Hughes**, Mycol. Pap. 42: 1 (1951). Bas.: *Didymium parietinum* Schröd. (1797). Syn.: *Anixia cyclospora* (Cooke) Sacc. (1882); *Anixia spadicea* Fuckel (1870); *Orbicula cyclospora* Cooke (1871). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

Sordariomycetidae

Boliniales

Boliniaceae Rick (1931)

206. **Endoxyla operculata (Alb. & Schwein.) Sacc.**, Syll. fung. (Abellini) 1: 181 (1882). Sanct. author: Fr. Bas.: *Sphaeria operculata* Alb. & Schwein. (1805). Syn.: *Sphaeria operculata* Fr. (1822); *Valsa operculata* (Fr.) Nits. (1867); *Ceratostoma operculata* (Fr.) Pet. (1914). On leaves of *Juniperus* spp.; North America (Farr et al., 1989). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Diaporthales

Melanconidaceae G. Winter (1886)

207. **Mebarria thujina (Nag Raj & DiCosmo) J. Reid & C. Booth**, Can. J. Bot. 67(3): 898 (1989). Bas.: *Cryptosporella thujina* Nag Raj & DiCosmo (1981). Anamorph *Harknessia thujina* J.B. Ellis & B.M. Everhart. On leaves of *J. virginiana*; North America (Farr et al., 1989).

Valsaceae Tul. et C. Tul. (1861)

208. **Apiognomonium errabunda (Roberge ex Desm.) Höhn.**, Ann. Mycol. 16: 51 (1918). Bas.: *Sphaeria errabunda* Roberge ex Desm. Syn.: *A. quercina* (Kleb.) Höhn. (1920); *A. tiliae* (Rehm) Höhn. (1920); *Gloeosporidium tiliae* (Oudem.) Petr. (1922); *Gloeosporium fagi* (Roberge ex Desm.) Westend.; *Gloeosporium tiliae* Oudem. (1873); *Gloeosporium umbrinellum* Berk. & Broome (1866); *Gnomonia errabunda* (Roberge ex Desm.) Auersw. (1869); *Gnomonia quercina* Kleb. (1918); *Gnomonia veneta* Speg. (1879). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

209. **Diaporthe disputata E. Bommer, M. Rousseau & Sacc.**, Syll. fung. (Abellini) 17: 673 (1905). On twigs and branches of *J. sabina*; West Europe (Oudemans, 1919).

210. **Diaporthe juniperi Feltgen**, Vorstud. Pilz. Luxemb. Nachtr. 3: 149 (1903). On bark of *J. communis*; West Europe (Saccardo's Syll. fung. XVII; Oudemans, 1919).

211. **Gnomonia intermedia Rehm** in Saccardo, Syll. fung. (Abellini) 22: 302 (1913). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

212. **Valsa ambiens (Pers.) Fr.**, Summa Veg. Scand., Section Post.: 412 (1849). Sanct. author: Fr. Bas.: *Sphaeria ambiens* Pers. (1801). On twigs and branches of *J. communis*; West Europe (Oudemans, 1919; Holm K., Holm L., 1977).

213. **Valsa cenisia De Not.**, Sfer. Ital. 1: 38 (1863). On twigs and (rarely) leaves of *J. communis*; West Europe (Oudemans, 1919; Holm K., Holm L., 1977). On leaves and small twigs of *J. virginiana*; North America (Farr et al., 1989).

213a. *Valsa cenisia* var. *invalida* P. Karst., Mycol. Fenn. (Helsinki): 137 (1871). On twigs and branches of *J. communis*; West Europe (Oudemans, 1919).

214. *Valsa ceratosperma* (Tode) Maire, Publ. Inst. Bot. Barcelona 3(4): 20 (1937). Sanct. author: Fr. Bas.: *Sphaeria ceratosperma* Tode (1791). Syn.: *Diatrype ceratosperma* Fr. (1823); *Sphaeria abietis* Fr. (1823); *V. coronata* (Hoffm.) Fr. (1849); *V. dubyi* Nitschke (1867); *V. pini* (Alb. & Schwein.) Fr. (1849). As *V. coronata*, *V. dubyi*, *V. pini* on twigs and branches of *J. communis*; West Europe (Oudemans, 1919). On twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

215. *Valsa juniperina* Cooke, Proc. Acad. Nat. Sci. Phil., 29: 124 (1877). Syn.: *Valsa friesii* (Duby) Fuckel (1863); *Engizostoma friesii* (Duby) O. Kuntze (1898). As *Valsa friesii* on leaves and small twigs of *J. virginiana*; North America (Farr et al., 1989). On twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Hypocreales

Ceratostomataceae G. Winter (1885)

216. *Melanospora chionea* (Fr.) Corda, Icon. fung. (Prague) 1: 24, t. 7, f. 297 (1837). Sanct. author: Fr. Bas.: *Sphaeria chionea* Fr. (1822). On dead leaves of *J. communis*; Northland (Holm K., Holm L., 1977).

217. *Phaeostoma juniperinum* (Ellis & Everh.) Arx & E. Müll., Beir. Kryptogamenfl. Schweiz 11: 150 (1954). Bas.: *Ceratostoma juniperinum* Ellis & Everh. (1890). On dead wood and bark of *J. virginiana*; North America (Index of Fungi 2).

Hypocreaceae De Not (1944)

218. *Creopus ceramica* (Ellis & Everh.) Lar. N. Vassiljeva, Nizshie rasteniya, griby i moknoobraznye Dal'nego Vostoka Rossii. Griby. Tom 4. (St-Petersburg): 152 (1998). Bas.: *Hypocrea ceramica* Ellis & Everh. (1892). Syn.: *Chromocrea ceramica* (Ellis & Everh.) Seaver (1910). On dead twigs and branches of *J. virginiana*; North America (Farr et al., 1989). On dead wood and bark; the Far East (Vasilyeva, 1998).

219. *Hypocrea thuemenelloides* Yoshim. Doi, Bull. Nat. Sci. Mus. (Tokyo) 15(4): 683 (1972). On dead twigs and branches of *J. rigida*; Japan (Index of Fungi 4).

Nectriaceae Tul. & C. Tul. (1865)

220. *Gibberella juniperi* (Desm.) Wollenw., Fusaria autographica delineata, Edn 1: 24 (1916). Bas.: *Sphaeria acerualis* var. *juniperi* Desm. (1851). On twigs of *J. sabina*; West Europe (Saccardo's Omissions).

221. *Gibberella zaeae* (Schwein.) Petch, Ann. Mycol. 34: 260 (1936). Bas.: *Sphaeria zaeae* Schwein. (1822). Syn.: *Dichomera saubinetii* (Mont.) Cooke (1878); *Dothidea zaeae* (Schwein.) Schwein. (1832); *Gibbera saubinetii* Mont.; *Gibberella saubinetii* (Mont.) Sacc. (1879); *Sphaeria saubinetii* (Mont.) Berk. & Broome; *Sphaeria zaeae* Schwein. (1822). On twigs of *J. sabina*; West Europe (Oudemans, 1919).

222. *Nectria cinnabarina* (Tode) Fr., Summa Veg. Scand., Section Post. 2 (2): 388 (1849). Sanct. author: Fr. Bas.: *Sphaeria cinnabarina* Tode (1791). Syn.: *Cucurbitaria cinnabarina* (Tode) Grev. (1825); *Cucurbitaria purpurea* (L.) O. Kuntze (1898); *Nectria purpurea* (L.) Wilson & Seaver (1907); *Tremella purpurea* L. (1753); *Nectria roussellii* Berk. & Cook (1875); *Nectria meliae* Earle (1898); *Tubercularia confluens* Pers. (1801); *Tubercularia vulgaris* Tode (1790). On wood of *J. communis*; Europe (Holm K., Holm L., 1977).

223. *Nectria coryli* Fuckel, Symbolae mycologicae: 180 (1870). Syn.: *Chilonectria coryli* (Fuckel) Ellis & Everh. (1892); *Cucurbitaria coryli* (Fuckel) O. Kuntze (1898); *Gibberidea coryli*

(Fuckel) O. Kuntze (1898); *Creonectria coryli* (Fuckel) Seaver (1909). On wood of *J. communis*; Northland (Holm K., Holm L., 1977).

224. ***Nectria neomacrospora* C. Booth & Samuels**, Trans. Br. Mycol. Soc. 77(3): 645 (1981). Bas.: *Nectria cucurbitula* var. *macrospora* Wollenw. (1931). Syn.: *Nectria macrospora* (Wollenw.) Ouell (1972); *Neonectria neomacrospora* (C. Booth & Samuels) Mantiri & Samuels (2001). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

225. ***Nectria purtonii* (Grev.) Berk.**, Outl. Brit. Fung. (London): 394 (1860). Bas.: *Sphaeria purtonii* Grev. 'purtoni' (1828). Syn.: *Cosmospora purtonii* (Grev.) Rossmann & Samuels (1999); *Nectria episphaeria* var. *coronata* Wollenw. (1931). On stroma of *Valsa* spp. on *J. communis*; Northland (Holm K., Holm L., 1977).

Niessliaceae Kirschst. (1939)

226. ***Niesslia exilis* (Alb. & Schwein.) G. Winter** in Rabenhorst, Rabenh. Kryptogamenflora 1(2): 196 (1885). Sanct. author: Fr. Bas.: *Sphaeria exilis* Alb. & Schwein. (1823). Syn.: *Coelosphaeria exilis* (Alb. & Schwein.) Sacc. (1882); *Lasiosphaeria exilis* (Alb. & Schwein.) Cooke; *Nitschkia exilis* (Alb. & Schwein.) Fuckel. On dead leaves and small twigs of *J. communis*; West Europe (Holm K., Holm L., 1977; Belomesyatseva, 2004).

Sordariales

Chaetomiaceae G. Winter (1885)

227. ***Chaetomium cochlioides* Palliser** 'cochliodes', North American Flora (New York) 3(1): 61 (1910). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

228. ***Chaetomium globosum* Kunze**, Nomencl. Bot. 1: 114 (1817). Sanct. author: Fr. Syn.: *Chaetomium fieberi* Corda (1837); *Ch. lanosum* Peck (1876); *Ch. orientale* Cooke (1877); *Ch. olivaceum* Cooke & Ellis (1878); *Ch. elastica* Koord. (1907); *Ch. denstum* Bat. & Pontual (1948); *Ch. rectum* Sergeeva (1961); *Ch. subglobosum* Sergeeva (1960). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

229. ***Thielavia terricola* (J.C. Gilman & E.V. Abbott) C.W. Emmons**, Bull. Torrey Bot. Club 57: 124 (1930). Bas.: *Chaetomium terricola* J.C. Gilman & E.V. Abbott (1927). Syn.: *Anixiopsis japonica* Saito & Minoura (1930). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Chaetosphaeriaceae Réblová, M.E. Barr & Samuels (1999)

230. ***Chaetosphaeria parvicapsa* (Cooke) Sacc.**, Syll. fung. (Abellini) 2: 94 (1883). Bas.: *Sphaeria parvicapsa* Cooke. On branches of *J. virginiana*; North America (Farr et al., 1989).

231. ***Melanopsamma australis* Pass.**, Diagn. Fghi Nuov. 3, Rend. Acc. Lincei (Roma) 4(4): 89 (1888). On bark of *J. communis*; West Europe (Oudemans, 1919).

232. ***Melanopsamma borealis* (P. Karst.) Sacc.**, Michelia 1: 347 (1878). On wood of *J. communis*; West Europe (Oudemans, 1919).

Coniochaetaceae Malloch & Cain (1971)

233. ***Coniochaeta niesslii* (Auersw.) Cooke**, Grevillea 16: 16 (1887). Bas.: *Rosellinia niesslii* Auersw. (1871). Syn.: *Sphaeroderrella niesslii* (Auersw.) Höhn. (1907). On small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

234. ***Coniochaeta ligniaria* (Grev.) Masee**, Grevillea 16: 37 (1887). Bas.: *Sphaeria ligniaria* Grev. (1824). Syn.: *Helminthosphaeria ligniaria* (Grev.) Kirschst. (1934); *Rosellinia ligniaria* (Grev.) Nitschke (1869). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

235. **Coniochaeta velutina (Fuckel) Cooke**, *Grevillea* 16: 16 (1887). Bas.: *Rosellinia velutina* Fuckel (1870). Syn.: *Helminthosphaeria velutina* (Fuckel) Kirschst. (1934). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

236. **Coniochaetidium savoryi (C. Booth) Malloch & Cain**, *Can. J. Bot.* 49(6): 880 (1971). Bas.: *Thielavia savoryi* C. Booth (1961). On decaying wood of *J. scopulorum*; West Europe, North America (Booth, 1961).

Lasiosphaeriaceae Nannf. (1932)

237. **Podospora tetraspora (G. Winter) Cain** (1962). Bas.: *Sordaria tetraspora* G. Winter (1871). Syn.: *Schizothecium tetrasporum* (G. Winter) N. Lundq. (1972); *Sordaria minuta* f. *tetraspora* (G. Winter) W. Phillips & Plowr. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

Sordariaceae G. Winter (1885)

238. **Sordaria macrospora Auersw.**, *Hedwigia* 5(12): 192 (1866). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

Xylariales

Amphisphaeriaceae G. Winter (1885)

239. **Amphisphaeria juniperi Tracy & Earle**, *Plantae Bakerianae* f. 1, *Fungi*: 30 (1901). On wood of *J. monosperma*; North America (Saccardo's Syll. fung. XVI; XVII).

240. **Amphisphaeria thujina (Peck) Sacc.**, *Syll. fung.* (Abellini) 1: 459 (1882). Bas.: *Sphaeria thujina* Peck (1875). Homotypic syn.: *Kirschsteiniothelia thujina* (Peck) D. Hawksw. (1985). On decaying bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

241. **Lepteutypa cupressi (Natrass, C. Booth & B. Sutton) H.J. Swart**, *Trans. Br. Mycol. Soc.* 61(1): 79 (1973). Bas.: *Rhynchosphaeria cupressi* Natrass, C. Booth & B. Sutton (1963). On branches of *Juniperus* sp.; America (Index of Fungi 4).

Diatrypaceae Nits (1867)

242. **Diatrypella favacea (Fr.) Ces. & De Not.** in *De Not, Sferiacei Italici*: 29 (1863). Sanct. author: Fr. Bas.: *Sphaeria favacea* Fr. (1823). On leaves of *J. virginiana*; North America (Farr et al., 1989).

243. **Eutypa leioplaca (Fr.) Fuckel** 'lejoplaca', *Fungi Rhen.*: 1047 (1864). Sanct. author: Fr. Bas.: *Sphaeria lejoplaca* Fr. (1823). Syn.: *Diatrype lejoplaca* (Fr.) Fr. (1849); *Engizostoma lejoplacum* (Fr.) O. Kuntze (1898); *Eutypa leioplaca* (Fr.) Cooke (1871); *Valsa lejoplaca* (Fr.) Nits. (1867). On dead wood of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Hyponectriaceae Petr. (1923)

244. **Exarmidium hysteriiforme (P. Karst.) P. Karst.**, *Mycol. Fenn.* (Helsinki) 2: 222 (1873). Bas.: *Dothidea hysteriiformis* P. Karst. (1866). Syn.: *Rhopoglyphus hysteriiformis* (P. Karst.) Sacc. (1883). As *Rhopoglyphus hysteriiformis* on twigs and branches of *J. communis*; West Europe (Oudemans, 1919). On bark of *J. communis* and *Juniperus* spp.; Europe, Asia, North America (Holm K., Holm L., 1977).

245. **Exarmidium biseptatum (Sherwood) Aptroot**, *Nova Hedwigia* 66(1–2): 137 (1998). Bas.: *Xylopezia biseptata* Sherwood (1986). On wood of *J. communis*; West Europe (Index of Fungi 5). As *Xylopezia biseptata* on wood of *J. occidentalis*; North America (Farr et al., 1989).

246. **Physalospora abdita** (Berk. & M.A. Curtis) F. Stevens (1942). Bas.: *Sphaeria abdita* Berk. & M.A. Curtis (1869). On dead leaves of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

Xylariaceae Tul. & C. Tul. (1861)

247. **Anthostomella formosa** Kirschst., Verhandlungen der Botanischen Vereins der Provinz Brandenburg 65: 29 (1923). Syn.: *Neesiella formosa* (Kirschst.) Kirschst. (1935). On dead leaves of *J. communis* var. *sibirica*; the Far East (Vasilyeva, 1998). On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

248. **Barrmaelia oxyacanthae** (Mont.) Rappaz, Mycologia Helvetica 7(1): 137 (1995). Bas.: *Sphaeria oxyacanthae* Mont. (1851). Syn.: *Anthostoma oxyacanthae* (Mont.) Sacc. (1882); *Xylosphaeria oxyacanthae* (Mont.) Cooke (1889). On dead wood of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

249. **Hypoxylon fuscum** (Pers.) Fr., Summa veg. Scand. (Sweden) 2: 384 (1849). Bas.: *Sphaeria fusca* Pers. (1794). Syn.: *Peripherostoma fusca* (Pers.) Gray (1821); *Stromatosphaeria fusca* (Pers.) Grev. (1824); *Hypoxylon bicoloratum* P.M.D. Martin (1976); *Sphaeria confluens* Willd. (1787); *Hypoxylon fuscum* var. *confluens* (Willd.) J. Kickx f. (1867); *Hypoxylon confluens* (Willd.) Wettst. (1885); *Sphaeria fragiformis* Hoffm. (1787); *Sphaeria tuberculosa* Bolton (1789); *Hypoxylon glomerulatum* Bull. (1791); *Sphaeria glomerulata* (Bull.) DC. & Lam. (1805); *Sphaeria castorea* Tode (1791); *Sphaeria fragiformis* var. *castorea* (Tode) Pers. (1801); *Sphaeria effusa* Sowerby (1803); *Sphaeria coryli* DC. & Lam. (1805); *Hypoxylon vinosum* Mont. (1840); *Hypoxylon purpureum* Nitschke (1867); *Hypoxylon commutatum* subsp. *holwayanum* Sacc. & Ellis (1882); *Hypoxylon bicolor* Ellis & Everh. (1886); *Hypoxylon subchlorinum* Ellis & Calk. (1888); *Hypoxylon lianincola* Rehm (1913); *Hypoxylon oregonense* G. Kauffm. (1930); *Hypoxylon pruinatoides* G. Kauffm. (1930). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

250. **Rosellinia abietina** Fuckel, Jb. Nassau. Ver. Naturk. 23–24: 150 (1870). On wood and bark of *J. communis*; West Europe (Oudemans, 1919).

251. **Rosellinia deerrata** (Cooke & Ellis) Sacc., Syll. fung. (Abellini) 1: 263 (1882). Bas.: *Sphaeria deerrata* Cooke & Ellis. On wood of *J. virginiana*; North America (Farr et al., 1989).

252. **Rosellinia mammiformis** (Pers.) Ces. & De Not., Comm. Soc. Crittog. Ital. 1: 227 (1863). Sanct. author: Fr. Bas.: *Sphaeria mammiformis* Pers. (1801). On wood of *J. communis* and *Juniperus* spp.; Europe, Asia, North America (Oudemans, 1919).

253. **Rosellinia thelena** (Fr.) Rabenh. (1865). Bas.: *Sphaeria thelena* Fr. Syn.: *Byssosphaeria thelena* (Fr.) Stev. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

254. **Seynesia juniperi** (Desm.) F. Stevens, Ill. Biol. Monogr. 17 (2): 35 (1939). On branches of *J. virginiana*; North America (Petra's Lists 8).

255. **Xylaria juniperus** Starbäck, Ascom. Regnell. exped. 2: 19 (1901). On *Juniperus* sp.; America (Saccardo's Syll. fung. XVII; XX).

255a. **Xylaria juniperus** var. **asperula** Starbäck, Ascom. Regnell. exped. 2: 20 (1901). On *Juniperus* sp.; America (Saccardo's Syll. fung. XVII; XX).

Incertae sedis

Ostropales

Odontotremataceae D. Hawksw. & Sherwood (1982)

256. **Odontotrema anodontum** Nyl., Flora: 411 (1869). Homotypic syn.: *Mycowinteria anodonta* (Nyl.) Sherwood & Boise (1986). On wood of *J. communis*; West Europe (Oudemans, 1919).

257. **Odontotrema hemisphaericum (Fr.) Rehm**, *Discom.* 1(3): 205 (1888). Bas.: *Stictis hemisphaerica* Fr. On bark of *J. communis*; West Europe (Oudemans, 1919).

258. **Odontotrema inclusum (Pers.) P. Karst.**, *Acta Soc. Fauna Flora Fenn.* 2 (6): 146 (1885). Bas.: *Peziza inclusa* Pers. Syn.: *Patellaria inclusa* (Pers.) P. Karst. (1871); *Phragmonaevia inclusa* (P. Karst.) Höhn. (1917). On wood of *J. communis* (Oudemans, 1919). On dead wood and bark of *J. communis* and *J. communis* subsp. *nana*; West Europe (Holm K., Holm L., 1977).

259. **Odontotrema minus Nyl.**, *Herb. Mus. Fenn.*: 91 (1859). On dead leaves, twigs and wood of *J. communis* and *J. communis* subsp. *nana*; Northland (Holm K., Holm L., 1977).

260. **Odontura raphidospora (Rehm) Clem.** 'raphidosporum', The genera of fungi: 65, 174 (1909). Bas.: *Pyrenopeziza raphidospora* Rehm (1881). Syn.: *Odontotrema raphidospora* Rehm (1888); *Belonium raphidosporum* Sacc. (1884); *Beloniella raphidospora* E. Müll. & Défago (1968). On wood of *J. communis*; Northland (Holm K., Holm L., 1977).

261. **Sphaeropezia juniperi Rostr.**, *Norske Ascom.*: 9 (1904). On wood of *J. communis*; West Europe (Saccardo's Syll. fung. XVIII).

Stictidaceae Fr. (1849)

262. **Robergea albicedrae (Heald & F.A. Wolf) Sacc. & Traverso**, *Syll. fung.* (Abellini) 20: 695 (1911). Bas.: *Cyanospora albicedrae* Heald & F.A. Wolf. On leaves and small twigs of *J. ashei*, *J. virginiana*; North America (Farr et al., 1989).

263. **Schizoxylon juniperinum Sherwood**, *Mycotaxon* 5(1): 113 (1977). On dead twigs of *Juniperus* sp.; Pakistan (Index of Fungi 4).

263a. **Schizoxylon juniperinum var. cylindrospermum Sherwood**, *Occ. Pap. Farlow Herb. Crypt. Bot.* 14: 37 (1979). On branches of *Juniperus* sp.; Turkmenistan (Index of Fungi 4).

264. **Schmitzomia radiata (L.) W. Phillips**, *Man. Brit. Discomyc.* (London): 379 (1887). Bas.: *Lichen radiatus* L. Syn.: *Stictis radiata* (L.) Pers. (1800). On wood of *J. communis*; West Europe (Oudemans, 1919).

Incertae sedis

Orbiliaceae Nannf. (1932)

265. **Orbilialia delicatula (P. Karst.) P. Karst.**, *Not. Sallsk. Fauna Fl. Fenn. Forh.* 11: 248 (1870). Bas.: *Peziza delicatula* P. Karst. (1869). On dead trunk of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

266. **Orbilialia juniperi Velen.**, *Monogr. Discom. Bohem.*: 94 (1934). On bark of *J. communis*; Europe (Petrač's Lists 7).

267. **Orbilialia sarraziniana Boud.**, *Revue Mycol. (Paris)* 7: 221 (1885). On dead trunk of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Protothelenellaceae Vězda, H. Mayrhofer & Poelt (1985)

268. **Winteria lichenoides Rehm** in Saccardo, *Syll. fung.* (Abellini) 2: 225 (1883). On dead wood and bark of *J. communis*; Northland (Holm K., Holm L., 1977).

Incertae sedis

269. **Rhynchostoma minutum P. Karst.** 'minuta', *Mycol. Fenn.* (Helsinki): 58 (1871). On dead trunk of *J. communis*; West Europe (Oudemans, 1919).

Basidiomycota
Basidiomycetes
Agaricomycetidae
Agaricales

Agaricaceae Chevall. (1826)

270. **Amanita gemmata (Fr.) Bertillon**, Essai Crypt. ecorc. 3: 496 (1866). Bas.: *Agaricus gemmatus* Fr. (1838). Syn.: *Agaricus gemmatus* Fr. (1838); *Amanita citrina* Gonn. & Rab. (1869); *Amanitopsis gemmata* (Fr.) Sacc. (1887); *Venenarius junquilleus* (Quél.) Murr. (1913); *V. gemmatus* (Fr.) Murr. (1948). On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of Ya.A. Shaparava).

271. **Amanita muscaria (L.) Hook.**, Flora Scotica: 65 (1797). Sanct. author: Fr. Bas.: *Agaricus muscarius* L. (1753). Syn.: *Amanita muscaria* (L.) Pers. (1801); *Venenarius muscarius* (L.) Earle (1909); *Amanitaria muscaria* (L.) Gilb. (1940). On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of Ya.A. Shaparava).

272. **Lepiota juniperina Murrill**, North American Flora 10 (1): 46 (1916). On fallen leaves of *J. virginiana*; North America (Saccardo's Syll. fung. XXIII).

Cortinariaceae R. Heim ex Pouzar (1983)

273. **Crepidotus juniperi Velen.**, Nov. Myc. Novissimae: 77 (1947). On fallen leaves and branches of *J. communis*; Eastern Europe (Index of Fungi 1).

274. **Crepidotus velenovskyi Pilát**, Studia Bot. Českoslov. 10: 152 (1949). On dead trunk of *J. communis*; Eastern Europe (Index of Fungi 2).

275. **Galerina gloeocystis Pegler**, Kew Bull. Addit. Ser. 6: 502 (1977). On fallen branches of *J. procera*; Africa (Index of Fungi 4).

276. **Hydrocybe lepida Arnolds**, Persoonia 13(2): 139 (1986). On dead wood and bark of *J. communis*; West Europe (Index of Fungi 5).

277. **Inocybe javorkae Babos & Stangl**, Annales Historico-Natureles Musei Nationalis Hungarici 77: 113 (1985). On fallen leaves and branches of *J. communis*; Eastern Europe (Index of Fungi 5).

Entolomataceae Kotl. & Pouzar (1972)

278. **Entoloma juniperinum Barkman & Noordel.**, Persoonia 13(1): 123 (1986). On fallen leaves of *J. communis*; West Europe (Index of Fungi 5).

279. **Entoloma mougeotii (Fr.) Hesler var. fuscomarginatum Noordel.**, Beihefte zur Nova Hedwigia 91: 237 (1987). On fallen leaves of *J. communis*; West Europe (Index of Fungi 5).

Marasmiaceae Roze ex Kühner (1980)

280. **Anthracophyllum lateritium (Berk. & M.A. Curtis) Singer**, Lilloa 22: 206 (1951). Bas.: *Xerotus lateritius* Berk. & M.A. Curtis (1853). On trunks and branches *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

281. **Armillaria borealis Marxm. & Korhonen** in Marxmuller, Bull. trimest. Soc. mycol. Fr. 98(1): 122 (1982). On butts of *J. communis* — causing a root rot; Eastern Europe (Zvjagintsev, 2003).

282. **Armillaria mellea (Vahl) P. Kumm.**, Der Führer in die Pilzkunde (Zerbst): 134 (1871). Sanct. author: Fr. Bas.: *Agaricus melleus* Vahl (1790). Syn.: *Armillariella mellea* (Vahl) P. Karst. (1881); *Clitocybe mellea* (Vahl) Ricken (1915); *Lepiota mellea* (Vahl) J.E. Lange (1915). On

butts of *J. chinensis*, *J. horizontalis*, *J. virginiana* — causing a root rot; North America (Farr et al., 1989). On butts of *J. communis* — causing a root rot; Eastern Europe (Zvjagintsev, 2003).

283. **Armillaria tabescens (Scop.) Emel**, Le genre *Armillaria* Fr., sa suppression de la systematique botanique (Strasbourg): 50 (1921). Sanct. author: Fr. Bas.: *Agaricus tabescens* Scop. (1772). Syn.: *Agaricus gymnopodius* Bull. (1798); *Agaricus socialis* DC. (1874); *Armillaria mellea* var. *tabescens* (Scop.) Rea & Ramsb. (1917); *Armillaria socialis* (DC.) Herink (1973); *Armillariella tabescens* (Scop.) Singer; *Clitocybe gymnopodia* (Bull.) Gillet (1874); *Clitocybe monadelpha* (Morgan) Sacc. (1887); *Clitocybe socialis* (DC.) Gillet (1874); *Clitocybe tabescens* (Scop.) Bres. (1928); *Flammula gymnopodia* (Bull.) Fr. (1873); *Pholiota gymnopodia* (Bull.) A.F.M. Reijnders (1998). On butts of *J. silicicola*, *J. virginiana* — causing a root rot; North America (Farr et al., 1989).

284. **Marasmiellus amygdalosporus Pegler**, Kew Bull. Addit. Ser. 6: 502 (1977). On fallen branches of *J. procera*; Africa (Index of Fungi 4).

285. **Marasmiellus juniperinus Murrill**, North American Flora 9 (4): 243 (1915). On wood of *J. bermudiana*; North America (Saccardo's Syll. fung. XXIII). On living trunks and branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

285a. **Marasmiellus juniperinus var. gilvoides (Murrill) Singer**, Nova Hedwigia 26 (4): 881 (1976). On wood of *J. bermudiana*; America (Index of Fungi 4).

285b. **Marasmiellus juniperinus var. radicolica (Murrill) Singer**, Beihefte zur Nova Hedwigia 44: 328 (1973). Syn.: *Agaricus ramealis* Bull. (1788); *Marasmius ramealis* (Bull.) Fr. (1838); *Marasmius ramealis* (Bull. ex Fr.) Singer. (1946). As *Marasmius ramealis* on branches of *J. communis*; West Europe, North America (Oudemans, 1919). On wood of *Juniperus* sp.; America (Index of Fungi 4).

286. **Marasmius androsaceus (L.) Fr.**, Epicrisis systematis mycologici (Uppsala): 385 (1838) [1836]. Sanct. author: Fr. Bas.: *Agaricus androsaceus* L. (1753). On fallen leaves and trunks of *J. communis*; Europe, North America (Oudemans, 1919).

287. **Marasmius juniperinus Velen.**, Nov. Mycol.: 32 (1939). On wood of *J. communis*; Europe (Petraik's Lists 8).

Nidulariaceae Dumort. (1822)

288. **Crucibulum laeve (Huds.) Kambly**, Gast. Iowa: 167 (1936). Sanct. author: Pers. Bas.: *Peziza levis* Huds. Syn.: *Nidularia laevis* (Huds.) Huds. (1802). On wood of *J. virginiana*; North America (Farr et al., 1989).

289. **Crucibulum parvulum H.J. Brodie**, Can. J. Bot. 48 (5): 848 (1970). On roots of *J. horizontalis*; North America (Index of Fungi 4).

290. **Cyathus olla (Batsch) Pers.**, Syn. meth. fung. (Göttingen) 1: 237 (1801). Bas.: *Peziza olla* Batsch (1783). On wood of *J. virginiana*; North America (Farr et al., 1989).

Pleurotaceae Kühner (1980)

291. **Hohenbuehelia approximans (Peck) Singer** (1951). Bas.: *Pleurotus approximans* Peck (1911). Syn.: *Resupinatus approximans* (Peck) Murrill (1915). On trunks and branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

292. **Hohenbuehelia elegans (Coker) Singer** (1951). Bas.: *Pleurotus elegans* Coker (1944). On living wood of *J. virginiana*; North America (Farr et al., 1989).

Schizophyllaceae Quél. (1888)

293. **Henningsomyces candidus (Pers.) Kuntze**, Revis. gen. pl. (Leipzig) 3: 483 (1893). Bas.: *Solenia candida* Pers. (1794). On dead trunks and branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

294. **Porothleum subtile (Schrad.) Fr.**, Systema mycologicum 1: 506 (1821). Bas.: *Boletus subtilis* Schrad. (1794). On twigs and branches of *J. sabina*, *J. communis*; West Europe (Oudemans, 1919).

Strophariaceae Singer & A.H. Sm. (1946)

295. **Hypholoma fasciculare (Huds.) Quél.**, Führer für Pilzfreunde (Zwickau): 21, 72 (1871). Sanct. author: Fr. Bas.: *Agaricus fascicularis* Huds. (1778). Syn.: *Dryophila fascicularis* (Huds.) Quél. (1888); *Geophila fascicularis* (Huds.) Quél. (1886); *Nematoloma fasciculare* (Huds.) P. Karst. (1880); *Pratella fascicularis* (Huds.) Gray (1821); *Psilocybe fasciculare* (Huds.) Noordel. (1995); *Psilocybe fascicularis* (Huds.) Kuhner (1980). On trunks and branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

Tricholomataceae R. Heim ex Pouzar (1983)

296. **Hemimycena albida (Murrill) Singer** (1962) [1961]. Bas.: *Gymnopus albidus* Murrill (1939). On butt of *J. virginiana* (Gilbertson, Blackwell, 1987). On wood of *J. phoenicea*, *J. virginiana*; North America (Farr et al., 1989).

297. **Hydropus flocculinus Kalamees**, Folia Cryptogamica Estonica 26: 7 (1987). Homotypic syn.: *Mycena flocculina* (Kalamees) M. Villarreal (1998). On butt of *J. seravschanica*; Uzbekistan (Index of Fungi 5).

298. **Lepista juniperi Kalamees**, Folia Cryptogamica Estonica 26: 4 (1987). On fallen leaves of *J. seravschanica*; Uzbekistan (Index of Fungi 5).

299. **Melanoleuca brunnea Kalamees**, Folia Cryptogamica Estonica 26: 5 (1987). On fallen leaves of *J. seravschanica*; Uzbekistan (Index of Fungi 5).

300. **Mycena juniperina Aronsen**, Persoonia 16(2): 257 (1996). On wood of *J. communis*; West Europe (Index of Fungi 6).

301. **Mycena luteolorufescens P. Karst.**, Hedwigia 30: 218 (1892). On wood and fallen leaves of *J. communis*; West Europe (Oudemans, 1919).

302. **Mycena pura (Pers.) Sacc. f. roseobrunnescens Kalamees**, Folia Cryptogamica Estonica 26: 7 (1987). On fallen leaves and branches of *J. seravschanica*; Uzbekistan (Index of Fungi 5).

303. **Mycena ustalis Aronsen & Maas Geest.**, Persoonia 14(1): 61 (1989). On fallen leaves and branches of *J. communis*; West Europe (Index of Fungi 5).

304. **Omphalina fuliginea Kalamees**, Folia Cryptogamica Estonica 26: 3 (1987). On fallen leaves and branches of *J. seravschanica*; Uzbekistan (Index of Fungi 5).

305. **Resupinatus applicatus (Batsch) Gray**, A natural arrangement of British plants (London) 1: 617 (1821). Sanct. author: Fr. Bas.: *Agaricus applicatus* Batsch (1786). Syn.: *Acanthocystis applicatus* (Batsch) Kuhner (1926); *Calathinus applicatus* (Batsch) Pat. in Duss (1903); *Geopetalum striatulum* var. *applicatum* (Batsch) Kuhner & Romagn. (1953); *Pleurotus applicatus* (Batsch) Quél. (1871). On wood of *J. virginiana*; North America (Farr et al., 1989).

306. **Resupinatus physaroides Malençon**, Trav. Inst. Scient. Chérif. Ser. Bot. Biol. 33: 441 (1975). On dead trunks of *J. oxycedrus*, Morocco (Index of Fungi 4).

307. **Stigmatolemma taxi (Lév.) Donk** (1962). Bas.: *Cyphella taxi* Lév. (1837). On trunks of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

308. **Xeromphalina junipericola G. Moreno & Heykoop**, Zeitschrift für Mykologie 62(1): 38 (1996). On trunks of *J. thurifera*; West Europe (Index of Fungi 6).

Boletales

Boletaceae Chevall. (1926)

309. **Phylloporus rhodoxanthus (Schwein.) Bres.**, *Fungi trident.* 2(14): 95 (1900). Bas.: *Agaricus rhodoxanthus* Schwein. On butt of *J. virginiana*; North America (Gilbertson, Blackwell, 1987).

310. **Suillus luteus (L.) Gray**, *A natural arrangement of British plants* (London) 1: 646 (1821). Sanct. author: Fr. Bas.: *Boletus luteus* L. (1753). Syn.: *Boletopsis lutea* (L.) Henn. (1900). On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of Ya.A. Shaparava).

311. **Xerocomus badius (Fr.) Kühner**. Sanct. author: Fr. Bas.: *Boletus badius* (Fr.) Fr. (1832). Syn.: *Boletus badius* Pers. (1801); *Grifola badia* (Pers.) Gray (1821); *Ixocomus badius* (Fr.) Quéf. (1888). On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of Ya.A. Shaparava).

Coniophoraceae Ulbr. (1928)

312. **Coniophora arida (Fr.) P. Karst.**,* *Not. Sallsk. Fauna Fl. Fenn. Forh.* 9: 370 (1868). Bas.: *Thelephora arida* Fr. (1828). Syn.: *Corticium aridum* (Fr.) Sacc. (1877). On wood of *J. monosperma*; North America (Farr et al., 1989). On wood of *J. communis*, *J. macrocarpa*, *J. oxycedrus*, and *J. phoenicea*; West Europe (Bernicchia, 2000).

313. **Coniophora eremophila Lindsey & Gilb.** (1975). On wood of *J. monosperma*; North America (Farr et al., 1989).

314. **Coniophora fusispora (Cooke & Ellis) Cooke**,* *Syll. fung. (Abellini)* 1: 650 (1882). Bas.: *Corticium fusisporum* Cooke & Ellis (1879). On trunks and branches of *J. virginiana* (Gilbertson, Blackwell, 1987). On wood of *J. communis*, *J. virginiana*; North America (Farr et al., 1989).

315. **Coniophora puteana (Schumach.) P. Karst.**,* *Not. Sallsk. Fauna Fl. Fenn. Forh.* II 6: 370 (1868). Sanct. author: Fr. Bas.: *Thelephora puteana* Schumach. (1803). Syn.: *C. cerebella* (Pers.) Pers. (1801); *C. puteana* var. *cerebella* (Pers.) Sacc. (1881); *Corticium puteanum* (Schumach.) Sacc. (1877); *Thelephora cerebella* (Pers.) Alb. & Schwein. (1805); *Thelephora puteana* var. *cerebella* (Pers.) Fr. (1828). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000).

316. **Leucogyrophana romellii Ginns**,* *Can. J. Bot.* 56(16): 1968 (1978). On wood of *J. communis*; West Europe (Bernicchia, 2000).

317. **Pseudomerulius aureus (Fr.) Jülich**,* *Persoonia* 10(3): 330 (1979). Sanct. author: Fr. Bas.: *Merulius aureus* Fr. (1815). On wood of *J. communis*; West Europe (Bernicchia, 2000).

Paxillaceae Lotsy (1907)

318. **Paxillus involutus (Batsch) Fr.**, *Epicr.*: 317 (1838). Sanct. author: Fr. Bas.: *Agaricus involutus* Batsch (1786). On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of Ya.A. Shaparava).

Cantharellales

Botryobasidiaceae (Parmasto) Jülich (1982)

319. **Botryobasidium candicans J. Erikss.**,* *Svensk Bot. Tidskr.* 52: 6 (1958). On dead trunks of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

Ceratobasidiales

Ceratobasidiaceae G.W. Martin (1948)

320. **Ceratobasidium cornigerum (Bourdot) D.P. Rogers**,* Univ. Iowa Stud. Nat. Hist. 17(1): 5 (1935). Bas.: *Corticium cornigerum* Bourdot (1922). Syn.: *Ceratorhiza goodyerae-repentis* (Costantin & L.M. Dufour) R.T. Moore (1987); *Rhizoctonia goodyerae-repentis* Costantin & L.M. Dufour (1920). On fallen branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

321. **Uthatabasidium fusisporum (J. Schröt.) Donk**,* Fungus 28: 22 (1958). Bas.: *Hypochnus fusisporus* J. Schröt. (1888). Syn.: *Corticium fusisporum* (J. Schröt.) Brinkmann (1904); *Peniophora fusispora* (J. Schröt.) Hohn. & Litsch. (1906); *Thanatephorus fusisporus* (J. Schröt.) Hauerslev & P. Roberts (1996). On wood of *J. communis* subsp. *nana*; West Europe (Bernicchia, 2000).

322. **Ypsilonidium sterigmaticum (Bourdot) Donk**,* Proc. K. Ned. Akad. Wet., Ser. C, Biol. Med. Sci. 75: 371 (1972). Bas.: *Corticium sterigmaticum* Bourdot (1922). Syn.: *Botryobasidium sterigmaticum* (Bourdot) Donk (1935); *Ceratobasidium sterigmaticum* (Bourdot) D.P. Rogers (1935); *Thanatephorus sterigmaticus* (Bourdot) P.H.B. Talbot (1965). On wood of *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000).

Dacrymycetales

Dacrymycetaceae J. Schröt. (1888)

323. **Calocera cornea (Batsch) Fr.**, Stirpes Agri Femsionensis 5: 67 (1827). Sanct. author: Fr. Bas.: *Clavaria cornea* Batsch (1783). Syn.: *Calocera cornes* (Batsch) Fr. (1827); *Corynoides cornea* (Batsch) Gray (1821). On wood of *J. virginiana*; North America (Farr et al., 1989).

Hymenochaetales

Hymenochaetaceae Imazeki & Toki (1954)

324. **Coltricia perennis (L.) Murrill**, J. Mycol. 9: 91 (1903). Sanct. author: Fr. Bas.: *Boletus perennis* L. (1753). Syn.: *Microporus perennis* (L.) Kuntze (1898); *Ochroporus perennis* (L.) J. Schröt. (1888); *Pelloporus perennis* (L.) Quél. (1886); *Polyporus perennis* (L.) Fr. (1821); *Polystictus perennis* (L.) Fr. (1879); *Trametes perennis* (L.) Fr. (1849); *Xanthochrous perennis* (L.) Pat. (1900). On butt of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

325. **Hymenochaete cinnamomea (Pers.) Bres.**,* Atti Imp. Regia Accad. Rovereto, III 3(1): 110 (1897). Sanct. author: Fr. Bas.: *Thelephora cinnamomea* Pers. (1822). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

326. **Inonotus crociticinctus (Berk. & M.A. Curtis) Ryvarden** (1972). Bas.: *Polyporus crociticinctus* Berk. & M.A. Curtis (1868). On wood of *J. virginiana*; North America (Farr et al., 1989).

327. **Inonotus cuticularis (Bull.) P. Karst.**, Meddn Soc. Fauna Flora Fenn. 5: 39 (1880). Sanct. author: Fr. Bas.: *Boletus cuticularis* Bull. (1789). Syn.: *Polyporus cuticularis* (Bull.) Fr. (1821); *Polystictoides cuticularis* (Bull.) Lazaro Ibiza (1916). On wood of *J. oxycedrus*, West Europe (Bernicchia, 2000).

328. **Inonotus juniperinus Murrill** (1908). Homotypic syn.: *Polyporus juniperinus* (Murrill) Sacc. & Trotter (1912). On roots and butt of *J. virginiana*; North America (Farr et al., 1989).

329. **Phellinus ferruginosus (Schrad.) Pat.**, Essai Hymen. (Lons-le-Saunier): 97 (1900). Sanct. author: Fr. Bas.: *Boletus ferruginosus* Schrad. (1794). Syn.: *Acia ferruginosa* (Schrad.) P. Karst. (1880); *Agaricus ferruginosus* (Schrad.) E.H.L. Krause (1933); *Fomes ferruginosus*

(Schrad.) Massee (1892); *Fuscoporia ferruginosa* (Schrad.) Murrill 'ferruginosus' (1907); *Ochroporus ferruginosus* (Schrad.) J. Schröt. (1888); *Physisporus ferruginosus* (Schrad.) Gillet (1878); *Polyporus ferruginosus* (Schrad.) Fr. (1821); *Poria ferruginosa* (Schrad.) P. Karst. (1881). On wood of *J. communis*; West Europe (Bernicchia, 2000).

330. **Phellinus gilvus (Schwein.) Pat.**, Essai taxonomique: 82 (1906). Sanct. author: Fr. Bas.: *Boletus gilvus* Schwein. (1822). Syn.: *Fomes gilvus* (Schwein.) Speg. (1898); *Fomes gilvus* (Schwein.) Lloyd (1912); *Hapalopilus gilvus* (Schwein.) Murrill (1904); *Mucronoporus gilvus* (Schwein.) Ellis & Everh. (1889); *Polyporus gilvus* (Schwein.) Fr. (1828). On wood of *J. silvicola*, *J. virginiana*; North America (Farr et al., 1989).

331. **Phellinus juniperinus Bernicchia & S. Curreli**, Polyporaceae s.l. in Italia (Italy): 410 (1990). On wood of *J. oxycedrus* and *J. phoenicea*; West Europe (Bernicchia, 2000).

332. **Phellinus pini (Brot.) Bondartsev & Singer**, Atlas des champignons de l'Europe 3(1): 517 (1941). Bas.: *Boletus pini* Brot. (1804). Syn.: *Boletus pini* Thore (1803); *Cryptoderma pini* (Thore) Imazeki (1943); *Daedalea pini* (Brot.) Fr. (1821); *Fomes pini* (Thore) P. Karst.; *Inonotus pini* (Brot.) Teixeira (1992); *Ochroporus pini* (Brot.) J. Schröt. (1888); *Polyporus pini* (Brot.) Pers. (1825); *Porodaedalea pini* (Brot.) Murrill (1905); *Trametes pini* (Thore) Britzelm. (1887); *Trametes pini* (Brot.) Fr. (1838); *Xanthochrous pini* (Brot.) Pat. (1897). On trunks and branches of *J. virginiana* — causing a disease; North America (Farr et al., 1989).

333. **Phellinus pseudopunctatus A. David, Dequatre & Fiasson**, Mycotaxon 14(1): 171 (1982). Homotypic syn.: *Fomitiporia pseudopunctata* (A. David, Dequatre & Fiasson) Fiasson in Fiasson & Niemelä (1984). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000).

334. **Phellinus punctatus (Fr.) Pilát**, Atl. Champ. Europ. 3: 530 (1942). Bas.: *Polyporus punctatus* Fr. (1874). Syn.: *Fomitiporella punctata* (Fr.) Teixeira (1992); *Fomitiporia tsugina* Murrill (1907); *Poria punctata* (Fr.) P. Karst. (1882); *Poria tsugina* (Murrill) Sacc. & Trotter (1912). On wood of *J. communis*; West Europe (Bernicchia, 2000).

335. **Phellinus texanus (Murrill) A. Ames** (1913). Bas.: *Pyropolyporus texanus* Murrill (1908). On trunks and branches of *J. deppeana*, *J. monosperma*, *J. scopulorum*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

336. **Phellinus torulosus (Pers.) Bourdot & Galzin**, Bull. Trimest. Soc. Mycol. Fr. 41: 191 (1925). Bas.: *Boletus torulosus* Pers. (1819). Syn.: *Fomes torulosus* (Pers.) Lloyd (1910); *Fuscoporia torulosa* (Pers.) T. Wagner & M. Fisch. (2001); *Polyporus torulosus* (Pers.) Pers. (1825). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000).

Schizoporaceae Jülich (1982)

337. **Hyphodontia alutaria (Burt) J. Erikss.**,* Symb. Bot. Upsal. 16(1): 104 (1958). Bas.: *Peniophora alutaria* Burt (1925). Syn.: *Grandinia alutaria* (Burt) Jülich (1982); *Kneiffia alutaria* (Burt) Jülich & Stalpers (1980); *Odontia alutaria* (Burt) Nikol. (1964). On wood of *J. communis*; West Europe (Bernicchia, 2000).

338. **Hyphodontia arguta (Fr.) J. Erikss.**,* Symb. Bot. Upsal. 16(1): 104 (1958). Sanct. author: Fr. Bas.: *Hydnum argutum* Fr. (1821). Syn.: *Grandinia arguta* (Fr.) Jülich (1982); *Kneiffia arguta* (Fr.) P. Karst. (1899); *Odontia arguta* (Fr.) Quél. (1888); *Odontia arguta* var. *alutacea* (Fr.) Bourdot & Galzin (1914). As *Grandinia arguta* on wood of *J. deppeana*; North America (Farr et al., 1989). On wood of *J. communis*; West Europe (Bernicchia, 2000).

339. **Hyphodontia aspera (Fr.) J. Erikss.**,* Symb. Bot. Upsal. 16(1): 104 (1958). Bas.: *Grandinia aspera* Fr. (1874). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

340. **Hyphodontia breviseta (P. Karst.) J. Erikss.**,* Symb. Bot. Upsal. 16(1): 140 (1958). Bas.: *Kneiffia breviseta* P. Karst. (1886). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

341. **Hyphodontia crustosa (Pers.) J. Erikss.*** Symb. Bot. Upsal. 16(1): 104 (1958). Sanct. author: Fr. Bas.: *Odontia crustosa* Pers. (1799). Syn.: *Grandinia crustosa* (Pers.) Fr. (1838); *Hydnum crustosum* (Pers.) Pers. (1801); *Kneiffiella crustosa* (Pers.) Jülich & Stalpers (1980); *Lyomyces crustosus* (Pers.) P. Karst. (1881); *Xylodon crustosum* (Pers.) Chevall. (1826). On dead trunks and branches of *J. virginiana* (Gilbertson, Blackwell, 1987). As *Grandinia crustosa* on wood of *J. virginiana*; North America (Farr et al., 1989). On wood of *J. communis*, *J. phoenicea*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

342. **Hyphodontia gossypina (Parmasto) Hjortstam,*** Mycotaxon 39: 416 (1990). Bas.: *Fibrodontia gossypina* Parmasto (1968). On wood of *J. macrocarpa*, *J. phoenicea*; West Europe (Bernicchia, 2000).

343. **Hyphodontia juniperi (Bourdot & Galzin) J. Erikss. & Hjortstam*** in Eriksson & Ryvarde, Corticiaceae of North Europe (Oslo) 4: 666 (1976). Bas.: *Corticium serum* var. *juniperi* Bourdot & Galzin (1911). Syn.: *Kneiffiella juniperi* (Bourdot & Galzin) Jülich & Stalpers (1980); *Grandinia juniperi* (Bourdot & Galzin) Jülich (1982). On trunk of *J. communis*; West Europe (Eriksson, Ryvarde, 1976, holotype). On dead branches of *J. ashei*, North America (Gilbertson, Blackwell, 1985). On wood of *J. communis*, *J. macrocarpa*, *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000). On dead branches of *J. ashei*; North America (Farr et al., 1989). On bark of *J. communis*; West Europe (Index of Fungi 5).

344. **Hyphodontia nesporii (Bres.) J. Erikss. & Hjortstam*** in Eriksson & Ryvarde, Corticiaceae of North Europe (Oslo) 4: 655 (1976). Bas.: *Odontia nesporii* Bres. (1928). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1987).

345. **Hyphodontia paradoxa (Schrad.) Langer & Vesterh.*** in Knudsen & Hansen, Nordic J. Bot. 16(2): 211 (1996). Sanct. author: Fr. Bas.: *Hydnum paradoxum* Schrad. (1794). Syn.: *Irpex paradoxus* (Schrad.) Fr. (1838); *Lenzites paradoxa* (Schrad.) Pat. (1885); *Schizopora paradoxa* (Schrad.) Donk (1967); *Sistotrema paradoxum* (Schrad.) Pers. (1801); *Xylodon digitatum* (Pers.) Gray (1821); *Xylodon paradoxus* (Schrad.) P. Karst. (1881). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

346. **Hyphodontia pruni (Lasch) Svrček,*** Česká Mykol. 27(4): 204 (1973). Bas.: *Odontia pruni* Lasch in Rabenhorst (1851). Syn.: *Grandinia pruni* (Lasch) Jülich (1982); *Hyphoderma pruni* (Lasch) Jülich (1974); *Odontia corrugata* subsp. *pruni* (Lasch) Bourdot & Galzin (1928); *Phanerochaete pruni* (Lasch) S.S. Rattan (1977). On wood of *J. macrocarpa*; West Europe (Bernicchia, 2000).

347. **Hyphodontia sambuci (Pers.) J. Erikss.*** Symb. Bot. Upsal. 16(1): 104 (1958). Sanct. author: Fr. Bas.: *Corticium sambuci* Pers. (1794). Syn.: *Corticium cretaceum* (Fr.) Cooke (1891); *Corticium serum* (Pers.) Fr. (1874); *Grandinia sambuci* (Pers.) Jülich in Cannon & Hawksworth (1983); *Hyphoderma sambuci* (Pers.) Jülich (1974); *Hypochnus sambuci* (Pers.) Fr. (1851); *Lyomyces sambuci* (Pers.) P. Karst. (1882); *Peniophora sambuci* (Pers.) Burt (1925); *Rogersella sambuci* (Pers.) D.A. Reid (1978); *Thelephora calcea* var. *sambuci* (Pers.) Pers. (1801); *Thelephora sambuci* (Pers.) Fr. (1821). As *Hyphoderma sambuci* on dead branches of *J. ashei*; North America (Farr et al., 1989). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

348. **Hyphodontia spathulata (Schrad.) Parmasto,*** Consp. syst. Cortic.: 123 (1968). Sanct. author: Fr. Bas.: *Hydnum spathulatum* (Schwein.) Fr. (1822). Syn.: *Grandinia spathulata* (Schrad.) Jülich. On dead branches of *J. virginiana* (Gilbertson, Blackwell, 1987). As *Grandinia spathulata* on dead branches of *J. virginiana*; North America (Farr et al., 1989).

349. **Schizopora apacheriensis (Gilb.) Gilb. & Ryvarde,** North American Polypores, Vol. 2. *Megasporoporia – Wrightoporia* (Oslo): 704 (1987). Bas.: *Poria apacheriensis* Gilb. (1973). On wood of *J. deppeana*; North America (Farr et al., 1989).

Phallales

Geastraceae Corda (1842)

350. **Geastrum juniperinus T. Macbr.** 'Geaster' (1912). On fallen leaves of *J. virginiana*; North America (Saccardo's Syll. fung. XXIII).

Ramariaceae Corner (1970)

351. **Kavinia himantia (Schwein.) J. Erikss.,*** Symb. Bot. Upsal. 16(1): 160 (1958). Sanct. author: Fr. On wood of *J. communis* subsp. *nana*, *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000).

352. **Ramaricium albo-ochraceum (Bres.) Jülich,*** Persoonia 9(3): 417 (1977). Bas.: *Corticium albo-ochraceum* Bres. (1903). On butt of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

Polyporales

Atheliaceae Jülich (1982)

353. **Amphinema byssoides (Pers.) J. Erikss.,*** Symb. Bot. Upsal. 16(1): 112 (1958). Sanct. author: Fr. Bas.: *Thelephora byssoides* Pers. (1801). Syn.: *Auricularia byssoides* (Pers.) Merat (1821); *Coniophora byssoides* (Fr.) P. Karst. (1882); *Coniophorella byssoides* (Pers.) Bres. (1903); *Corticium byssoides* (Pers.) Fr. (1834); *Himantia byssoides* (Pers.) Fr. (1818); *Hypochnus byssoides* (Pers.) Quél. (1879); *Kneiffia byssoides* (Pers.) Herter (1910); *Peniophora byssoides* (Pers.) Fr. 'byssoides' (1898); *Peniophora byssoides* (Pers.) Höhn. & Litsch. 'byssoides' (1906). On wood of *J. communis*; West Europe (Bernicchia, 2000). On roots, butts and trunks of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

354. **Amyloathelia amylacea (Bourdot & Galzin) Hjortstam & Ryvarde,*** Mycotaxon 10(1): 202 (1979). Bas.: *Corticium amylaceum* Bourdot & Galzin (1911). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

355. **Athelia arachnoidea (Berk.) Jülich,*** Willdenowia, Beihefte 7: 53 (1972). Bas.: *Corticium arachnoideum* Berk. (1844). On wood of *J. macrocarpa*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

356. **Athelia binucleospora J. Erikss. & Ryvarde,*** Corticiaceae of North Europe (Oslo) 2: 105 (1973). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

357. **Athelia epiphylla Pers.,*** Mycol. eur. (Erlanga) 1: 84 (1822). Sanct. author: Fr. Syn.: *Asterostromella epiphylla* (Pers.) Höhn. & Litsch. (1907); *Hypochnus epiphyllus* (Pers.) Wallr. (1833); *Thelephora epiphylla* (Pers.) Fr. (1828). On dead branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

358. **Athelia pyriformis (M.P. Christ.) Jülich,*** Willdenowia, Beihefte 7: 110 (1972). Bas.: *Xenasma pyriforme* M.P. Christ. (1960). On wood of *J. communis*; West Europe (Bernicchia, 2000).

359. **Byssocorticium atrovirens (Fr.) Bondartsev & Singer* 'atrivirens',** Mycologia 36(1): 69 (1944). Sanct. author: Fr. Bas.: *Thelephora atrovirens* Fr. (1828). On wood of *J. communis*; West Europe (Bernicchia, 2000).

360. **Cristinia helvetica (Pers.) Parmasto,*** Conspectus systematis Corticiacearum (Tartu): 48 (1968). Bas.: *Hydnum helveticum* Pers. (1825). On wood of *J. communis*, West Europe (Bernicchia, 2000).

361. **Hypochniciellum ovoideum (Jülich) Hjortstam & Ryvarde,*** Mycotaxon 12(1): 177 (1980). Bas.: *Leptosporomyces ovoideus* Jülich (1972). On wood of *J. communis*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

362. **Leptosporomyces galzinii (Bourdot) Jülich,*** Willdenowia, Beihefte 7: 192 (1972). Bas.: *Corticium galzinii* Bourdot (1910). Syn.: *Athelia galzinii* (Bourdot) Donk (1957). On dead trunk of *J. communis*; Eastern Europe (Komarova, 1966; Belomesyatseva, 2004, data of E.O. Yurchenko). On small twigs of *J. communis*; North America (Farr et al., 1989).

363. **Piloderma byssinum (P. Karst.) Jülich,*** Ber. Bayer. Bot. Ges. 81: 418 (1969). Bas.: *Lyomyces byssinus* P. Karst. (1884). Syn.: *Athelia byssina* (P. Karst.) Parmasto (1967); *Byssocorticium byssinum* (P. Karst.) Bondartsev & Singer (1953); *Corticium byssinum* (P. Karst.) Sacc. (1890); *Terana byssina* (P. Karst.) Kuntze (1891); *Tomentella byssina* (P. Karst.) P. Karst. (1889). On dead leaves, twigs, and branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Corticiaceae Herter (1910)

364. **Dendrothele griseocana (Bres.) Bourdot & Galzin,*** Bull. Soc. Mycol. Fr. 28: 354 (1913). Bas.: *Corticium griseocanum* Bres. (1898). Syn.: *Aleurocorticium griseocanum* (Bres.) P.A. Lemke (1964); *Aleurodiscus griseocanus* (Bres.) Höhn. & Litsch. (1908). On bark of *J. depeana*, *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989). On wood of *J. communis*, *J. phoenicea*; West Europe (Bernicchia, 2000).

365. **Dendrothele incrustans (P.A. Lemke) P.A. Lemke,*** Persoonia 3(3): 366 (1965). Bas.: *Aleurocorticium incrustans* P.A. Lemke (1964). On bark of *J. depeana*, *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

366. **Dendrothele itihummensis Gilb. & M. Blackw.,*** Mycotaxon 24: 331 (1985). On trunks and branches of *J. virginiana* and *J. phoenicea*; North America (Gilbertson, Blackwell, 1985; Gilbertson, Blackwell, 1987; Farr et al., 1989).

367. **Dendrothele nivosa (Berk. & M.A. Curtis ex Höhn. & Litsch.) P.A. Lemke,*** Persoonia 3(3): 367 (1965). Bas.: *Aleurodiscus nivosus* Berk. & M.A. Curtis ex Höhn. & Litsch. (1907). Syn.: *Acanthophysium nivosum* (Berk. & M.A. Curtis ex Höhn. & Litsch.) G. Cunn. (1963); *Aleurocorticium nivosum* (Berk. & M.A. Curtis ex Höhn. & Litsch.) P.A. Lemke (1964); *Vuilleminia nivosa* (Berk. & M.A. Curtis ex Höhn. & Litsch.) Parmasto (1968). On wood, living trunks and branches of *J. communis*, *J. silvicola*, *J. virginiana*, *J. phoenicea*; North America (Gilbertson, Blackwell, 1985; Gilbertson, Blackwell, 1987; Farr et al., 1989). On wood of *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000).

368. **Dendrothele pachysterigmata (H.S. Jacks. & P.A. Lemke) P.A. Lemke,*** Persoonia 3(3): 367 (1965). Bas.: *Aleurocorticium pachysterigmatum* H.S. Jacks. & P.A. Lemke (1964). On dead branches of *J. ashei*, *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

369. **Lindtneria sp.** On wood of *J. communis*; West Europe (Bernicchia, 2000).

Cyphellaceae Lotsy (1907)

370. **Radulomyces confluens (Fr.) M.P. Christ,*** Dansk Bot. Ark. 19(2): 230 (1960). Sanct. author: Fr. Bas.: *Thelephora confluens* Fr. (1815). Syn.: *Cerocorticium confluens* (Fr.) Jülich & Stalpers (1980); *Corticium confluens* (Fr.) Fr. (1838); *Hypochnus confluens* (Fr.) Bonord. (1851); *Terana confluens* (Fr.) Kuntze (1891). On wood of *J. communis*, *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000).

371. **Radulomyces rickii (Bres.) M.P. Christ,*** Dansk. Bot. Ark. 19(2): 128 (1960). Bas.: *Corticium rickii* Bres. in Rick (1898). Syn.: *Cerocorticium rickii* (Bres.) Boidin, Gilles & Huguency (1988). On wood of *J. communis*; West Europe (Bernicchia, 2000).

Fomitopsidaceae Jülich (1982)

372. **Fomitopsis cajanderi** (P. Karst.) Kotl. & Pouzar, Česká Mykol. 11(3): 157 (1957). Bas.: *Fomes cajanderi* P. Karst. (1904). On trunks of *J. virginiana* — causing a rot; North America (Farr et al., 1989).

373. **Fomitopsis feei** (Fr.) Kreisel, Ciencias Biológicas, Cuba 16: 83 (1971). Bas.: *Polyporus feei* Fr. (1830). Syn.: *Fomes feei* (Fr.) J. Lowe (1955); *Microporus feei* (Fr.) Kuntze (1898); *Polystictus feei* (Fr.) Fr. (1851); *Trametes feei* (Fr.) Pat. (1900). On wood of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

374. **Fomitopsis rosea** (Alb. & Schwein.) P. Karst., Meddn Soc. Fauna Flora Fenn. 6: 9 (1881). Sanct. author: Fr. Bas.: *Boletus roseus* Alb. & Schwein. (1805). On wood of *J. deppeana* var. *pachyphloea*, *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

375. **Postia sericeomollis** (Romell) Jülich, Persoonia 11(4): 423 (1982). Bas.: *Polyporus sericeomollis* Romell (1911). On wood of *J. occidentalis*; North America (Farr et al., 1989).

376. **Wolfiporia extensa** (Peck) Ginns, Mycotaxon 21: 332 (1984). Bas.: *Daedalea extensa* Peck (1891). Syn.: *Macrohyporia cocos* (Schwein.) I. Johans. & Ryvarden (1979); *Macrohyporia extensa* (Peck) Ginns & J. Lowe (1983); *Poria cocos* (Schwein.) F.A. Wolf (1922); *Poria cocos* F.A. Wolf (1922); *Sclerotium cocos* Schwein. (1822); *Wolfiporia cocos* (F.A. Wolf) Ryvarden & Gilb. (1984). As *Wolfiporia cocos* on roots and butt of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

Ganodermataceae (Donk) Donk (1948)

377. **Ganoderma** sp. On roots of *J. virginiana*; North America (Farr et al., 1989).

Gloeophyllaceae Jülich (1982)

378. **Gloeophyllum abietinum** (Bull.) P. Karst., Bidr. Kann. Finl. Nat. Folk 37: 80 (1882). Sanct. author: Fr. Bas.: *Agaricus abietinus* Bull. (1789). Syn.: *Cellularia abietina* (Bull.) Kuntze (1898); *Daedalea abietina* (Bull.) Fr. (1821); *Lenzites abietina* (Bull.) Fr. (1821); *Lenzitina abietina* (Bull.) P. Karst. (1889); *Reisneria abietina* (Bull.) Teixeira (1986). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

379. **Gloeophyllum juniperinum** (Teng & L. Ling) Teng, Fungi of China: 760 (1963). Bas.: *Lenzites juniperina* Teng & L. Ling (1932). On twigs and branches of *J. chinensis*; China (Index of Fungi 3).

380. **Gloeophyllum odoratum** (Wulfen) Imazeki, Bull. Nat. Sci. Mus. (Tokyo) 6: 75 (1943). Sanct. author: Fr. Bas.: *Boletus odoratus* Wulfen (1788). Syn.: *Anisomyces odoratus* (Wulfen) Pilát (1940); *Ceratophora odorata* (Wulfen) Bondartsev & Singer (1941); *Daedaleopsis odorata* (Wulfen) P. Karst. (1899); *Fomes odoratus* (Thore) Lloyd (1920); *Ochroporus odoratus* (Wulfen) J. Schröt. (1888); *Osmoporus odoratus* (Wulfen) Singer (1944); *Polyporus odoratus* (Wulfen) Fr. (1821); *Trametes odorata* (Wulfen) Fr. (1838). On trunks of *J. virginiana* — causing a disease; North America (Farr et al., 1989).

381. **Gloeophyllum sepiarium** (Wulfen) P. Karst.,* Finl. Hattsv. 2: 80 (1879). Sanct. author: Fr. Bas.: *Agaricus sepiarius* Wulfen (1786). Syn.: *Agaricus sepiarius* Wulfen (1786); *Daedalea sepiaria* (Wulfen) Fr. (1821); *Lenzites sepiaria* (Wulfen) Fr. (1839); *Merulius sepiarius* (Wulfen) Schrank (1789). On trunks of *J. deppeana*, *J. deppeana* var. *pachyphloea* — causing a disease; North America (Farr et al., 1989). On wood of *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000).

382. **Gloeophyllum trabeum** (Pers.) Murrill, North American flora (New York) 9: 129 (1908). Sanct. author: Fr. Bas.: *Agaricus trabeus* Pers. (1801). Syn.: *Cellularia trabea* (Pers.) Kuntze (1898); *Corioloopsis trabea* (Pers.) Bondartsev & Singer (1941); *Daedalea trabea* (Pers.) Fr.

(1821); *Lenzites trabea* (Pers.) Fr. (1838); *Lenzites trabeus* (Pers.) Bres. (1897); *Phaeocoriolellus trabeus* (Pers.) Kotl. & Pouzar (1957); *Polyporus trabeus* (Pers.) Rostk. (1830); *Trametes trabea* (Pers.) Bres. (1897). On wood of *J. depepeana*, *J. depepeana* var. *pachyphloea*, *J. virginiana*; North America (Farr et al., 1989).

Hapalopilaceae Jülich (1982)

383. **Bjerkandera adusta (Willd.) P. Karst.**, Meddn Soc. Fauna Flora Fenn. 5: 38 (1880). Sanct. author: Fr. Bas.: *Boletus adustus* Willd. (1787). Syn.: *Gloeoportunus adustus* (Willd.) Pilát (1937); *Leptoporus adustus* (Willd.) Quél. (1886); *Polyporus adustus* (Willd.) Fr. (1821); *Polystictus adustus* (Willd.) Fr.; *Polystictus adustus* (Willd.) Gillot & Lucand (1890); *Tyromyces adustus* (Willd.) Pouzar (1966). On trunks and wood of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

384. **Ceriporia purpurea (Fr.) Donk**,* Proc. K. Ned. Akad. Wet., Ser. C, Biol. Med. Sci. 1: 28 (1971). Sanct. author: Fr. Bas.: *Polyporus purpureus* Fr. (1821). Syn.: *Ceriporia purpurea* (Fr.) Komarova (1964); *Merulioporia purpurea* (Fr.) Bondartsev & Singer (1941); *Meruliopsis purpurea* (Fr.) Bondartsev in Parmasto (1959); *Physisporus purpureus* (Fr.) Gillet (1878); *Poria purpurea* (Haller) Sacc. (1888); *Poria purpurea* (Fr.) Cooke (1886). On wood of *J. virginiana*; North America (Farr et al., 1989).

385. **Ceriporia tarda (Berk.) Ginns**,* Mycotaxon 21: 326 (1984). Bas.: *Polyporus tardus* Berk. (1845). Syn.: *Caloporus tardus* (Berk.) Ryvarden (1973); *Meruliopsis tarda* (Schwein.) Parmasto (1968); *Polystictus tardus* (Berk.) Fr. (1851); *Poria tarda* (Berk.) Cooke (1886). On wood of *J. virginiana*; North America (Farr et al., 1989).

386. **Ceriporia xylostromatoides (Berk.) Ryvarden*** in Ryvarden & Johansen, Prelim. Polyp. fl. E. Afr. (Oslo): 276 (1980). Bas.: *Polyporus xylostromatoides* Berk. (1873). On wood, trunks and branches of *J. virginiana*, *J. phoenicea*; on roots and butt of *J. virginiana* — causing a root rot; North America (Gilbertson, Blackwell, 1985, 1987; Farr et al., 1989).

387. **Ischnoderma resinosum (Schrad.) P. Karst.**, Meddn Soc. Fauna Flora Fenn. 5: 38 (1880). Sanct. author: Fr. Bas.: *Boletus resinosus* Rostk. On wood of *J. virginiana*; North America (Farr et al., 1989).

388. **Porpomyces mucidus (Pers.) Jülich**,* Persoonia 11(4): 425 (1982). Sanct. author: Fr. Bas.: *Polyporus mucidus* (Pers.) Fr. (1821). Syn.: *Ceriporiopsis mucida* (Pers.) Gilb. & Ryvarden (1985). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

Hyphodermataceae Jülich (1982)

389. **Atheloderma mirabile Parmasto**,* Consp. syst. Cortic.: 200 (1968). Syn.: *Hyphoderma mirabile* (Parmasto) Jülich (1974). On fallen branches of *J. communis*; Eastern Europe (Index of Fungi 3).

390. **Brevicellicium exile (H.S. Jacks.) K.H. Larss. & Hjortstam**,* Mycotaxon 7(1): 118 (1978). Bas.: *Corticium exile* H.S. Jacks. (1950). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

391. **Hypochnicium bombycinum (Sommerf.) J. Erikss.**,* Symb. Bot. Upsal. 16(1): 101 (1958). Sanct. author: Fr. Bas.: *Thelephora bombycina* Sommerf. (1826). Syn.: *Corticium bombycinum* (Sommerf.) P. Karst. (1893); *Hypochnus bombycinus* (Sommerf.) Fr. (1863); *Radulum bombycinum* (Sommerf.) Nikol. (1961). On dead branches of *J. virginiana*; North America (Farr et al., 1989).

392. **Hypochnicium eichleri (Bres.) J. Erikss. & Ryvarden**,* Corticiaceae of North Europe (Oslo) 4: 707 (1976). Bas.: *Peniophora eichleri* Bres. (1902). Syn.: *Gloecystidium albostramineum* subsp. *eichleri* (Bres.) Bres. (1928); *Gloecystidium eichleri* (Bres.) Höhn. & Litsch. (1908);

Kneiffia eichleri (Bres.) Bres. (1903). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

393. **Hypochnicium lundellii** (Bourdot) J. Erikss.,* Symb. Bot. Upsal. 16(1): 101 (1958). Bas.: *Corticium lundellii* Bourdot (1949). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

394. **Hypochnicium punctulatum** (Cooke) J. Erikss.,* Symb. Bot. Upsal. 16(1): 101 (1958). Bas.: *Corticium punctulatum* Cooke (1878). Syn.: *Gloeocystidium punctulatum* (Cooke) S. Lundell (1950); *Terana punctulata* (Cooke) Kuntze (1891). On wood of *J. virginiana*; North America (Farr et al., 1989).

395. **Hyphoderma albocremeum** (Höhn. & Litsch.) J. Erikss. & Å. Strid.* in Eriksson & Ryvarden, Cort. N. Eur. 3: 453 (1975). Bas.: *Corticium albocremeum* Höhn. & Litsch. (1908). Syn.: *Conohypha albocremea* (Höhn. & Litsch.) Jülich (1975). On trunks and branches of *J. phoenicea*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

396. **Hyphoderma argillaceum** (Bres.) Donk.* Fungus (Wageningen) 27: 14 (1957). Bas.: *Corticium argillaceum* Bres. (1898). Syn.: *Gloeocystidium argillaceum* (Bres.) Höhn. & Litsch. (1907); *Gloeocystidium pallidum* subsp. *argillaceum* (Bres.) Bourdot & Galzin (1913); *Kneiffia argillacea* (Bres.) Bres. (1903); *Peniophora argillacea* (Bres.) Sacc. & Syd. (1902). On wood of *J. deppeana*; North America (Farr et al., 1989).

397. **Hyphoderma baculorubrense** Gilb. & M. Blackw.,* Mycotaxon 20(1): 89 (1984). On wood of *J. phoenicea*, *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

398. **Hyphoderma cryptocallimon** B. de Vries,* Mycotaxon 28(1): 77 (1987). On wood of *J. communis*; West Europe (Index of Fungi 5). On wood of *J. oxycedrus*, West Europe (Bernicchia, 2000).

399. **Hyphoderma deserticola** Gilb. & Lindsey,* Gt Basin Nat. 35(3): 293 (1975). On wood of *J. deppeana*; North America (Farr et al., 1989).

400. **Hyphoderma etrusiae** Bernicchia, Mycotaxon 46: 38 (1993). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000).

401. **Hyphoderma multicystidium** (Hjortstam & Ryvarden) Hjortstam & Tellería var. *disporum* (M. Dueñas & Tellería) Tellería in Tellería, Bibl. Mycol. 135: 56 (1990). Bas.: *Crustoderma sabinicum* var. *disporum* M. Dueñas & Tellería (1988). On trunks of *Juniperus* sp.; Europe (Index of Fungi 7).

402. **Hyphoderma obtusifforme** J. Erikss. & Å. Strid* in Eriksson & Ryvarden, Corticiaceae of North Europe (Oslo) 3: 493 (1975). On wood of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

403. **Hyphoderma orphanellum** (Bourdot & Galzin) Donk.* Fungus (Wageningen) 27: 15 (1957). Bas.: *Peniophora orphanella* Bourdot & Galzin (1928). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

404. **Hyphoderma pallidum** (Bres.) Donk.* Fungus (Wageningen) 27: 15 (1957). Bas.: *Corticium pallidum* Bres. (1898). Syn.: *Gloeocystidium pallidum* (Bres.) Höhn. & Litsch. (1924). On wood of *J. deppeana*; North America (Farr et al., 1989). On wood of *J. communis*, *J. macrocarpa*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

405. **Hyphoderma praetermissum** (P. Karst.) J. Erikss. & Å. Strid* in Eriksson & Ryvarden, Corticiaceae of North Europe (Oslo) 3: 505 (1975). Bas.: *Corticium praetermissum* (P. Karst.) Bres. (1903). Syn.: *Hyphoderma tenue* (Pat.) Donk. On wood of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989). On wood of *J. communis* and *J. oxycedrus*; West Europe (Bernicchia, 2000). On dead trunks and branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

406. **Hyphoderma puberum (Fr.) Wallr.*** Flora cryptogamica Germaniae, Section II (Nürnberg) 2: 576 (1833). Sanct. author: Fr. Bas.: *Thelephora pubera* Fr. (1828). Syn.: *Corticium calceum* var. *puberum* (Fr.) Fr. (1838); *Corticium puberum* (Fr.) Fr. (1838); *Hymenochaete pubera* (Fr.) Lév. (1846); *Hyphoderma puberis* (Fr.) Wallr.; *Hypochnus puberus* (Fr.) Bonord. (1851); *Kneiffia pubera* (Fr.) Bres. (1903); *Peniophora pubera* (Fr.) Sacc. (1888); *Phlebia pubera* (Fr.) M.P. Christ. (1960). On wood of *J. macrocarpa*; West Europe (Bernicchia, 2000). On dead bark and wood of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

407. **Hyphoderma sabinicum Manjon & G. Moreno*** An. Jard. Bot. Madr. 40(1): 12 (1983). On dead branches of *J. thurifera*; West Europe (Index of Fungi 5).

408. **Hyphoderma setigerum (Fr.) Donk*** Fungus (Wageningen) 27: 15 (1957). Sanct. author: Fr. Bas.: *Thelephora setigera* Fr. (1828). Syn.: *Kneiffia setigera* (Fr.) Fr. (1838); *Odontia setigera* (Fr.) L.W. Mill. (1934); *Peniophora setigera* (Fr.) Höhn. & Litsch. (1906). On wood of *J. macrocarpa*, *J. phoenicea*; West Europe (Bernicchia, 2000).

409. **Hyphodontiella multiseptata Å. Strid*** K. norske Vidensk. Selsk. Skr. 4: 19 (1975). On wood of *J. communis* subsp. *nana*; West Europe (Bernicchia, 2000).

Meripilaceae Jülich (1982)

410. **Antrodia albida (Fr.) Donk**, Persoonia 4: 339 (1966). Sanct. author: Fr. Bas.: *Daedalea albida* Schwein. (1822). Syn.: *Agaricus serpens* (Fr.) E.H.L. Krause (1932); *Antrodia serpens* (Fr.) P. Karst. (1880); *Corirolellus albidus* (Fr.) Bondartsev (1953); *Corirolellus sepium* (Berk.) Murrill (1905); *Corirolellus serpens* (Fr.) Bondartsev (1953); *Daedalea serpens* (Fr.) Fr. (1821); *Physisporus serpens* (Fr.) P. Karst. (1881); *Polyporus sepium* (Berk.) G. Cunn. (1948); *Polyporus serpens* Fr. (1818); *Trametes sepium* Berk. (1847); *Trametes serpens* (Fr.) Fr. (1874); *Tyromyces sepium* (Berk.) G. Cunn. (1965). On trunks of *J. deppeana*, *J. monosperma*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

411. **Antrodia ferox (Long & D.V. Baxter) Gilb. & Ryvarden**, Mycotaxon 22(2): 363 (1985). Bas.: *Poria ferox* Long & D.V. Baxter (1940). On wood of *J. deppeana*, *J. virginiana*; North America (Farr et al., 1989).

412. **Antrodia heteromorpha (Fr.) Donk**, Persoonia 4: 339 (1961). Sanct. author: Fr. Bas.: *Daedalea heteromorpha* Fr. (1821). Syn.: *Cellularia heteromorpha* (Fr.) Kuntze (1898); *Corirolellus heteromorphus* (Fr.) Bondartsev & Singer (1941); *Lenzites heteromorpha* (Fr.) Fr. (1838); *Polystictus heteromorphus* (Fr.) Lloyd (1916); *Trametes heteromorpha* (Fr.) Bres. On wood of *J. monosperma*, *J. virginiana*; North America (Farr et al., 1989).

413. **Antrodia juniperina (Murrill) Niemelä & Ryvarden** (1975). Bas.: *Daedalea juniperina* (Murrill) Murrill (1907). Syn.: *Agaricus juniperinus* Murrill (1905); *Daedalea juniperina* (Murrill) P. Syd. On trunks of *J. deppeana*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. silvicola*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

414. **Antrodia pulvinascens (Pilát) Niemelä**, Karstenia 25(1): 37 (1985). Bas.: *Poria pulvinascens* Pilát (1953). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

415. **Antrodia serialis (Fr.) Donk**, Persoonia 4: 340 (1966). Sanct. author: Fr. Bas.: *Polyporus serialis* Fr. (1821). Syn.: *Boletus serialis* (Fr.) Spreng. (1827); *Corirolellus serialis* (Fr.) Murrill (1907); *Coriolus serialis* (Fr.) Komarova (1964); *Fomitopsis serialis* (Fr.) P. Karst. (1881); *Polystictus serialis* (Fr.) Cooke (1838); *Pycnoporus serialis* (Fr.) P. Karst. (1889); *Trametes serialis* (Fr.) Fr. (1874). Causing a necrosis of *J. scopulorum*; North America (Farr et al., 1989). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

416. **Antrodia sinuosa (Fr.) P. Karst.**, Meddn Soc. Fauna Flora Fenn. 6: 10 (1881). Sanct. author: Fr. Bas.: *Polyporus sinuosus* Fr. (1821). Syn.: *Corirolellus sinuosus* (Fr.) A.K. Sarkar (1959); *Coriolus sinuosus* (Fr.) Bondartsev & Singer (1941); *Physisporus sinuosus* (Fr.) Gillet (1878); *Polystictus sinuosis* (Fr.) Lloyd (1917); *Poria sinuosa* (Fr.) Cooke (1886); *Spongiporus sinuo-*

sus (Fr.) Aoshima (1967); *Trametes sinuosa* (Fr.) Cooke & Quél. (1878). On trunks of *J. virginiana* — causing a disease; North America (Farr et al., 1989).

Meruliaceae P. Karst. (1881)

417. **Byssomerulius hirtellus (Burt) Parmasto**,* Eesti NSV Teaduste Akadeemia Toimetised, Biologia 16(4): 384 (1967). On wood of *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000).

418. **Cylindrobasidium corrugum (Burt) Ginns**,* Op. Bot. Soc. Bot. Lund 61: 54 (1982). Bas.: *Coniophora corrugis* Burt (1926). On wood of *J. scopulorum*; North America (Farr et al., 1989).

419. **Dacryobolus sudans (Alb. & Schwein.) Fr.**,* Summa Veg. Scand., Section Post. 2: 404 (1849). Sanct. author: Fr. Bas.: *Hydnum sudans* Alb. & Schwein. (1805). Syn.: *Odontia sudans* (Alb. & Schwein.) Bres. (1897). On wood of *J. monosperma*, *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989). On wood of *J. communis*, *J. oxycedrus*, *J. phoenicea*; West Europe (Bernicchia, 2000).

420. **Gloeoporus dichrous (Fr.) Bres.**,* Hedwigia 53: 74 (1913). Sanct. author: Fr. Bas.: *Polyporus dichrous* Pers. (1815). Syn.: *Bjerkandera dichroa* (Fr.) P. Karst. (1880); *Caloporus dichrous* (Fr.) Ryvarden (1976); *Leptoporus dichrous* (Fr.) Quél. (1888); *Polystictus dichrous* (Fr.) Gillot & Lucand (1890). On wood of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

421. **Phlebia albida H. Post ex Fr.**,* Monogr. Hymenomyc. Suec. 2: 280 (1863). Syn.: *Basidioradulum tuberculatum* (Berk. & M.A. Curtis) Hjortstam (1995). On wood of *J. communis*; West Europe (Bernicchia, 2000).

422. **Phlebia subcretacea (Litsch.) M.P. Christ.**,* Dansk Bot. Ark. 19(2): 165 (1960). Bas.: *Corticium subcretaceum* Litsch. (1939). On wood of *J. communis*; West Europe (Bernicchia, 2000).

423. **Phlebia subserialis (Bourdot & Galzin) Donk**,* Fungus (Wageningen) 27: 12 (1957). Bas.: *Corticium subseriale* Bourdot & Galzin (1928). Syn.: *Peniophora subserialis* (Bourdot & Galzin) Slysh (1960). On wood of *J. depeana*; North America (Farr et al., 1989).

Phanerochaetaceae Jülich (1982)

424. **Hyphodermella corrugata (Fr.) J. Erikss. & Ryvarden**,* Corticiaceae of North Europe (Oslo) 4: 579 (1976). Bas.: *Grandinia corrugata* Fr. (1874). On wood of *J. communis*; West Europe (Bernicchia, 2000).

425. **Phanerochaete carnosia (Burt) Parmasto**,* Eesti NSV Teaduste Akadeemia Toimetised, Biologia 16(4): 388 (1967). Bas.: *Peniophora carnosia* Burt (1925). On trunks of *J. communis*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

426. **Phanerochaete galactites (Bourdot & Galzin) J. Erikss. & Ryvarden**,* Corticiaceae of North Europe (Oslo) 5: 1005 (1978). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000).

427. **Phanerochaete laevis (Pers.) J. Erikss. & Ryvarden**,* Corticiaceae of North Europe (Oslo) 5: 1007 (1978). Sanct. author: Fr. Bas.: *Thelephora laevis* Pers. (1801). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

428. **Phanerochaete martelliana (Bres.) J. Erikss. & Ryvarden**,* Corticiaceae of North Europe (Oslo) 5: 1011 (1978). Bas.: *Corticium martellianum* Bres. (1890). Syn.: *Peniophora martelliana* (Bres.) Sacc. (1891). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

429. **Phanerochaete sanguinea (Fr.) Pouzar**,* Česká Mykol. 27(1): 26 (1973). Sanct. author: Fr. Bas.: *Byssus sanguinea* Sw. (1788). Syn.: *Chiodecton sanguineum* (Sw.) Vain. (1890); *Herpotheron sanguineum* (Sw.) Tobler (1937); *Hypochnus sanguineus* (Sw.) Kuntze (1898); *Thelephora*

sanguinea (Sw.) Sw. (1806); *Corticium sanguineum* (Fr.) Fr. (1838). As *Corticium sanguineum* on wood of *J. communis*; West Europe (Oudemans, 1919). On dead branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

430. **Phanerochaete tuberculata (P. Karst.) Parmasto**,* *Conspectus systematis Corticiacearum* (Tartu): 83 (1968). Bas.: *Corticium tuberculatum* P. Karst. (1896). Syn.: *Corticium lacteum* f. *tuberculatum* (P. Karst.) Bourdot & Galzin (1928); *Corticium lacteum* var. *tuberculatum* (P. Karst.) Bourdot & Galzin (1928); *Grandiniella tuberculata* (P. Karst.) Burds. (1977). On wood of *J. macrocarpa*; West Europe (Bernicchia, 2000).

431. **Phanerochaete velutina (DC.) Parmasto**,* *Conspectus Systematis Corticiacearum* (Tartu): 82 (1968). Sanct. author: Fr. Bas.: *Thelephora velutina* DC. (1815). Syn.: *Athelia velutina* (DC.) Pers. (1822); *Corticium velutinum* (DC.) Fr. (1838); *Grandiniella velutina* (DC.) Burds. (1977); *Hymenochaete velutina* (DC.) Lév. (1846); *Hypochnus velutinus* (DC.) Wallr. (1833); *Kneiffia velutina* (DC.) Bres. (1903); *Membranicium velutina* (DC.) J. Erikss. ex Y. Hayashi (1974); *Peniophora velutina* (DC.) Cooke (1879). On dead branches of *J. deppeana* var. *pachyphloea*; North America (Farr et al., 1989).

432. **Phlebiopsis flavidoalba (Cooke) Hjortstam**,* *Windahlia* 17: 58 (1987). Bas.: *Peniophora flavidoalba* Cooke (1879). Syn.: *Phanerochaete flavidoalba* (Cooke) S.S. Rattan (1977). On dead branches of *J. virginiana* (Gilbertson, Blackwell, 1985). On trunks of *J. mexicana*, *J. communis* — causing a disease; North America (Farr et al., 1989).

Polyporaceae Fr. ex Corda (1839)

433. **Corioloopsis gallica (Fr.) Ryvarden**, *Norw. JI Bot.* 19: 230 (1973). Bas.: *Polyporus gallicus* Fr. (1821). Syn.: *Cerrera gallica* (Fr.) Zmitr. (2001); *Funalia gallica* (Fr.) Bondartsev & Singer (1941); *Hexagonia gallica* (Fr.) Teixeira (1994); *Poria vulgaris* (Fr.) Quél.; *Trametella gallica* (Fr.) Teixeira (1986); *Trametes gallica* Fr. (1838). On wood of *J. communis* and *J. oxycedrus*; West Europe (Bernicchia, 2000).

434. **Corioloopsis rigida (Berk. & Mont.) Murrill** (1908). Bas.: *Trametes rigida* Berk. & Mont. (1849). On wood of *J. monosperma*; North America (Farr et al., 1989).

435. **Neolentinus sulcatus (Berk.) F. Rune**, *Mycol. Res.* 98(5): 543 (1994). Bas.: *Lentinus sulcatus* Berk. in Hooker (1845). Syn.: *Heliocybe sulcata* (Berk.) Redhead & Ginns (1985); *Pleurotus sulcatus* (Berk.) D.A. Reid (1975); *Pocillaria sulcata* (Berk.) Kuntze (1891). As *Heliocybe sulcata* on wood of *J. deppeana*; North America (Farr et al., 1989).

436. **Neolentiporus squamosellus Bernicchia & Ryvarden**, *Cryptogamie, Mycol.* 19 (4): 281 (1998). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

437. **Oligoporus hibernicus (Berk. & Broome) Gilb. & Ryvarden**, *Mycotaxon* 22(2): 365 (1985). Bas.: *Polyporus hibernicus* Berk. & Broome (1871). On wood of *J. macrocarpa*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

438. **Oligoporus inocybe (A. David & Malençon) Ryvarden & Gilb.**, *Synopsis Fungorum* (Oslo) (1993). Bas.: *Tyromyces inocybe* A. David & Malençon (1978). On wood of *J. macrocarpa*; West Europe (Bernicchia, 2000).

439. **Oligoporus leucomallellus (Murrill) Gilb. & Ryvarden**, *Mycotaxon* 22(2): 365 (1985). Bas.: *Tyromyces leucomallellus* Murrill (1940). On wood of *J. communis*; West Europe (Bernicchia, 2000).

440. **Oligoporus mappa (Overh. & J. Lowe) Gilb. & Ryvarden** 'mappus', *Mycotaxon* 22(2): 365 (1985). Bas.: *Poria mappa* Overh. & J. Lowe (1946). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

441. **Pachykytospora alabamiae (Berk. & Cooke) Ryvarden** (1972). Bas.: *Polyporus alabamiae* Berk. & Cooke (1878). On small twigs and dead branches of *J. silicicola*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

442. **Perenniporia fraxinophila (Peck) Ryvarden** (1972). Bas.: *Polyporus fraxinophilus* Peck (1884). Syn.: *Fomes fraxinophilus* (Peck) Sacc. (1888); *Poria fraxinophila* (Peck) J.E. Wright (1964); *Scindalma fraxinophilum* (Peck) Kuntze (1898). On dead branches of *J. deppeana* var. *pachyphloea*, *J. monosperma*; North America (Farr et al., 1989).

443. **Perenniporia subacida (Peck) Donk**, Persoonia 5(1): 76 (1967). Bas.: *Polyporus subacidus* Peck (1885). Syn.: *Chaetoporus subacidus* (Peck) Bondartsev & Singer (1941); *Oxyporus subacidus* (Peck) Komarova (1961); *Poria colorea* Overh. & Englerth (1942); *Poria subacida* (Peck) Sacc. (1888). On wood of *J. virginiana*; North America (Farr et al., 1989).

444. **Phaeolus schweinitzii (Fr.) Pat.**, Essai taxonomique: 86 (1900). Sanct. author: Fr. Bas.: *Polyporus schweinitzii* Fr. (1821). Syn.: *Cladomeris schweinitzii* (Fr.) Quél. (1886); *Coltricia schweinitzii* (Fr.) G. Cunn. (1948); *Hapalopilus schweinitzii* (Fr.) Donk (1933); *Inodermis schweinitzii* (Fr.) Quél. (1888); *Polyporus sistotremoides* (Alb. & Schwein.) Murrill; *Polystictus schweinitzii* (Fr.) P. Karst. (1879). On dead trunks of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

445. **Piloporia sajanensis (Parmasto) Niemelä**, Karstenia 22(1): 13 (1982). Bas.: *An-tro-dia sajanensis* Parmasto (1962). On wood of *J. oxycedrus*; West Europe, Asia (Bernicchia, 2000).

446. **Polyporellus arcularius (Batsch) Fr.**, Meddn Soc. Fauna Flora Fenn. 5: 38 (1880). Bas.: *Polyporus arcularius* Rostk. (1865). Syn.: *Favolus arcularius* (Batsch) Fr. (1913). On wood of *J. deppeana*, *J. monosperma*; North America (Farr et al., 1989).

447. **Poria juniperina (Murrill) Sacc. & Trotter**, Syll. fung. (Abellini) 21: 338 (1912). Bas.: *Fuscoporia juniperina* Murrill (1907). On trunks of *J. virginiana*; North America (Saccardo's Syll. fung. XXI).

448. **Poria rosmarini (A. David & Malençon) Ginns**, Mycotaxon 21: 331 (1984). Bas.: *Perenniporia rosmarini* A. David & Malençon (1979). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

449. **Pyrofomes demidoffii (Lév.) Kotl. & Pouzar** (1964). Bas.: *Polyporus demidoffii* Lév. (1842). Syn.: *Fomes demidoffii* (Lév.) Cooke (1885); *Fomes juniperinus* (H. Schrenk) Sacc. & Syd. (1902); *Fulvifomes demidoffii* (Lév.) Murrill (1947); *Inonotus demidoffii* (Lév.) Pilát (1937); *Phellinus demidoffii* (Lév.) Bondartsev & Singer (1941); *Polyporus juniperinus* H. Schrenk (1900); *Scindalma demidoffii* (Lév.) Kuntze (1898); *Trametes demidoffii* (Lév.) P. Karst. (1882); *Xanthochrous demidoffii* (Lév.) Pat. (1900). As *Fomes demidoffii* on trunks of *J. excelsa*; Europe (Oudemans, 1919). On trunks of *J. communis*, *J. deppeana*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. scopulorum*, *J. silicicola*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

450. **Trametes hirsuta (Wulfen) Pilát**, Atlas des champignons de l'Europe. Polyporaceae I (Praha) 3: 265 (1939). Sanct. author: Fr. Bas.: *Boletus hirsutus* Wulfen (1768). Syn.: *Polyporus hirsutus* (Wulfen) Fr. (1821); *Coriolus hirsutus* (Wulfen) Pat. (1897); *Hansenia hirsuta* (Wulfen) P. Karst. (1880); *Microporus hirsutus* (Wulfen) Kuntze (1898); *Polystictoides hirsutus* (Wulfen) Lazaro Ibiza (1916); *Polystictus hirsutus* (Wulfen) Fr. (1821). On wood of *J. virginiana*; North America (Farr et al., 1989).

451. **Trametes junipericola Manjon, G. Moreno & Ryvarden**, Boletín de la Sociedad Micológica Castellana 8: 47 (1984). On trunks of *J. thurifera*; West Europe (Index of Fungi 5). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000).

452. **Trametes versicolor (L.) Lloyd**, Mycological Notes, no. 65: 1045 (1921). Sanct. author: Fr. Bas.: *Boletus versicolor* L. (1753). Syn.: *Agarico-suber versicolor* (L.) Paulet (1793); *Agaricus versicolor* (L.) Lam. (1783); *Bjerkandera versicolor* (L.) P. Karst. (1881); *Boletus versicolor* Kuntze; *Coriolus versicolor* (L.) Quél. (1886); *Hansenia versicolor* (L.) P. Karst. (1880); *Microporus versicolor* (L.) Kuntze (1898); *Polyporus versicolor* (L.) Fr. (1821); *Polystictus versicolor* (L.) Fr. (1851); *Poria*

versicolor (L.) Scop. (1783); *Sistotrema versicolor* (L.) Tratt. (1830); *Trametes versicolor* (L.) Pilát (1939); *Xerocomus versicolor* (Kuntze) E.-J. Gilbert (1931). On wood of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989). On dead trunks of *J. communis*; Eastern Europe (Belomesyatseva, 2003).

453. ***Trametes villosa* (Sw.) Kreisel** (1971). Bas.: *Boletus villosus* Sw. (1806). Syn.: *Cerrena villosa* (Sw.) Zmitr. (2001); *Coriolus pinsitus* (Fr.) Pat. (1900); *Coriolus villosus* (Sowerby) Bondartseva & M.M.P. Herrera (1979); *Funalia villosa* (Sw.) Murrill (1905); *Microporus pinsitus* (Fr.) Kuntze (1898); *Microporus villosus* (Sw.) Kuntze (1898); *Polyporus pinsitus* Fr. (1828); *Polyporus villosus* (Sw.) Bres; *Polystictus pinsitus* (Fr.) Fr. (1838); *Polystictus villosus* (Sw.) Fr. (1851); *Trametes pinsita* (Fr.) O. Fidalgo & M. Fidalgo (1957). On trunks of *J. communis*, *J. silicicola*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

454. ***Trichaptum abietinum* (Dicks.) Ryvarden**, Norw. JI Bot. 19: 237 (1972). Sanct. author: Fr. Bas.: *Boletus abietinus* Dicks. (1793). Syn.: *Coriolus abietinus* (Dicks.) Quél.; *Hirschioporus abietinus* (Dicks.) Donk (1933); *Polyporus abietinus* (Dicks.) Fr. (1821); *Polystictus abietinus* (Dicks.) Fr. (1886); *Trametes abietina* (Dicks.) Pilát (1939). On wood of *J. virginiana*; North America (Farr et al., 1989).

455. ***Trichaptum byssogenum* (Jung.) Ryvarden** (1972). Bas.: *Polyporus byssogenus* Jung. (1838). On wood of *J. monosperma*, *J. virginiana*; North America (Farr et al., 1989).

456. ***Trichaptum fuscoviolaceum* (Ehrenb.) Ryvarden**, Norw. JI Bot. 19: 237 (1972). Sanct. author: Fr. Bas.: *Sistotrema fuscoviolaceum* Ehrenb. (1818). Syn.: *Hirschioporus fuscoviolaceus* (Ehrenb.) Donk (1933); *Hydnum fuscoviolaceum* (Ehrenb.) Fr. (1821); *Irpex fuscoviolaceus* (Schrad.) Fr. (1828); *Xylodon fuscoviolaceus* (Ehrenb.) Kuntze (1898). On living trunk of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

457. ***Tyromyces caesius* (Schrad.) Murrill**, N. Am. Flora, Ser. II 9(1): 34 (1907). Sanct. author: Fr. Bas.: *Boletus caesius* Schrad. (1794). Syn.: *Bjerkandera caesia* (Schrad.) P. Karst. (1881); *Cyanosporus caesius* (Schrad.) McGinty; *Leptoporus caesius* (Schrad.) Quél. (1886); *Oligoporus caesius* (Schrad.) Gilb. & Ryvarden (1985); *Polyporus caesius* (Schrad.) Fr. (1821); *Polystictus caesius* (Schrad.) Bigeard & H. Guill. (1913); *Postia caesia* (Schrad.) P. Karst. (1821); *Spongiporus caesius* (Schrad.) A. David (1980); *Thelephora caesia* (Pers.) Pers. (1801); *Tomentella caesia* (Pers.) Höhn. & Litsch. (1906). As *Postia caesia* on wood of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989). As *Oligoporus caesius* on wood *J. communis*; West Europe (Bernicchia, 2000).

Sistotremataceae Jülich (1982)

458. ***Repetobasidium americanum* J. Erikss. & Hjortstam* var. *bisporum* B. de Vries**, Mycotaxon 28(1): 83 (1987). On wood of *J. communis*; West Europe (Index of Fungi 5).

459. ***Sistotrema muscicola* (Pers.) S. Lundell***, Fungi Exsiccati Suecici (29): 11 (1947). Bas.: *Hydnum muscicola* Pers. (1825). On wood of *J. communis*; West Europe (Bernicchia, 2000).

460. ***Sistotrema oblongisporum* M.P. Christ. & Hauerslev***, Dansk Bot. Ark. 19(2): 82 (1960). On fallen leaves and twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

461. ***Sistotremastrum suecicum* Litsch. ex J. Erikss.,*** Symb. Bot. Upsal. 16(1): 62 (1958). On wood of *J. communis*; West Europe (Bernicchia, 2000).

462. ***Trechispora cohaerens* (Schwein.) Jülich & Stalpers***, Verhandelingen der Koninklijke Nederlandsche Akademie van Wetenschappen, 2 Sectie 74: 257 (1980). Bas.: *Sporotrichum cohaerens* Schwein. (1832). On wood of *J. communis*, *J. macrocarpa*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

463. ***Trechispora confinis* (Bourdot & Galzin) Liberta***, Taxon 15(8): 318 (1966). Bas.: *Corticium confine* Bourdot & Galzin (1911). Syn.: *Leptosporomyces juniperinus* Gilb. &

Lindsey (1978). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000). On dead branches of *J. deppeana*; North America (Farr et al., 1989).

464. **Trechispora farinacea (Pers. : Fr.) Libertá,*** Taxon 15 (8): 318 (1966). Sanct. author: Fr. Syn.: *Cristella farinacea* (Pers.) Donk; *Grandinia nivea* (Pers.) S. Lundell. On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989). On wood of *J. communis* and *J. phoenicea*; West Europe (Bernicchia, 2000). On dead branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

465. **Trechispora kavinioides B. de Vries,*** Mycotaxon 28(1): 79 (1987). On fallen leaves and branches of *J. communis*; West Europe (Index of Fungi 5).

Steccherinaceae Parmasto (1968)

466. **Diplomitoporus lenis (P. Karst.) Gilb. & Ryvarden,** Mycotaxon 22(2): 364 (1985). Bas.: *Physisporus lenis* P. Karst. (1886). On dead branches of *J. virginiana*; North America (Farr et al., 1989).

467. **Diplomitoporus rimosus (Murrill) Gilb. & Ryvarden,** Mycotaxon 22(2): 364 (1985). Bas.: *Poria rimoso* Murrill (1920). On dead branches of *J. deppeana*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

468. **Steccherinum ochraceum (Pers. ex J.F. Gmel.) Gray,*** A natural arrangement of British plants (London) 1: 651 (1821). Sanct. author: Fr. Bas.: *Hydnum ochraceum* Pers. (1801). Syn.: *Climacodon ochraceus* (Pers.) P. Karst. (1882); *Leptodon ochraceus* (Pers.) Quéf. (1888). On wood of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000). On dead branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Tubulicrinaceae Jülich (1982)

469. **Litschauerella clematidis (Bourdöt & Galzin) J. Erikss. & Ryvarden,*³** Corticiaceae of North Europe (Oslo) 4: 839 (1976). Bas.: *Peniophora clematidis* Bourdöt & Galzin (1913). Syn.: *Tubulicium clematidis* (Bourdöt & Galzin) Oberw. (1965). On trunks and branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1987). As *Tubulicium clematidis* on wood of *J. virginiana*; North America (Farr et al., 1989). On wood of *J. communis*, *J. communis* subsp. *nana*, *J. phoenicea*; West Europe (Bernicchia, 2000).

470. **Tubulicrinis medius (Bourdöt & Galzin) Oberw.,*** Zeitschrift für Pilzkunde 31: 26 (1966). Bas.: *Peniophora glebulosa* subsp. *media* Bourdöt & Galzin (1913). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989). On wood of *J. macrocarpa* and *J. oxycedrus*; West Europe (Bernicchia, 2000).

471. **Tubulicrinis sororius (Bourdöt & Galzin) Oberw.,*** Zeitschrift für Pilzkunde 31: 23 (1966). Bas.: *Peniophora glebulosa* subsp. *sororia* Bourdöt & Galzin (1913). Syn.: *Peniophora juniperina* (Bourdöt & Galzin) Bourdöt & Galzin (1928); *T. juniperinus* (Bourdöt & Galzin) Donk 'juniperina' (1956). On twigs and branches of *J. communis*; West Europe (Index of Fungi 2). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

472. **Tubulicrinis subulatus (Bourdöt & Galzin) Donk* 'subulata',** Fungus (Wageningen) 26: 14 (1956). Bas.: *Peniophora glebulosa* subsp. *subulata* Bourdöt & Galzin (1913). On dead trunks of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

³ According to *Index Fungorum* the correct epithet spelling is 'clematidis'.

Xenasmataceae Oberw. (1966)

473. **Phlebiella sulphurea (Pers.) Ginns & M.N.L. Lefebvre**,* *Mycologia Mem.* (St. Paul) 19: 126 (1993). Sanct. author: Fr. Bas.: *Corticium sulphureum* Pers. (1796). Syn.: *Cristella sulphurea* (Pers.) Donk (1957); *Trechispora vaga* (Fr.) Liberta (1966); *Phlebiella vaga* (Fr.) P. Karst. (1890); *Caldesiella vaga* (Fr.) Pat. (1900); *Grandinia bresadolae* subsp. *vaga* (Fr.) P. Karst. (1898); *Grandinia vaga* (Fr.) P. Karst. (1898); *Hypochnus vagus* (Fr.) Kauffman (1915); *Odontia vaga* (Fr.) P. Karst. (1887); *Trechispora vaga* (Fr.) Liberta (1966); *Xenasmatella vaga* (Fr.) Stalpers (1996). On wood of *J. communis*, *J. communis* subsp. *nana*; West Europe (Bernicchia, 2000). On fallen leaves and twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

474. **Xenosperma murrillii Gilb. & M. Blackw.**,* *Mycotaxon* 28(2): 400 (1987). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

Russulales

Bondarzewiaceae Kotl. & Pouzar (1957)

475. **Bondarzewia berkeleyi (Fr.) Bondartsev & Singer**,* *Ann. Mycol.* 39: 47 (1941). Bas.: *Polyporus berkeleyi* Fr. (1851). Syn.: *Grifola berkeleyi* (Fr.) Murrill (1904). On wood of *J. virginiana*; North America (Farr et al., 1989).

476. **Heterobasidion annosum (Fr.) Bref.**, *Untersuchungen aus dem Gesamtgebiete der Mykologie* 8: 154 (1888). Sanct. author: Fr. Bas.: *Polyporus annosus* Fr. (1821). Syn.: *Fomes annosus* (Fr.) Cooke (1885); *Fomitopsis annosa* (Fr.) P. Karst. (1881); *Friesia annosa* (Fr.) Lazaro Ibiza (1916); *Placodes annosus* (Fr.) Quél. (1888); *Pycnoporus annosus* (Fr.) P. Karst. (1898); *Scindalma annosum* (Fr.) Kuntze (1898); *Trametes annosa* (Fr.) G.H. Otth (1863); *Trametes radiciperda* R. Hartig (1874); *Ungulina annosa* (Fr.) Pat. (1900). On roots and trunks of *J. communis* — causing a root rot; Eastern Europe (Negrutskii, 1960; Fedorov, 1992; Belomesyatseva, 2004). On roots and trunks of *J. communis*, *J. conferta*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. virginiana* — causing a root rot; North America (Farr et al., 1989).

Echinodontiaceae Donk (1961)

477. **Echinodontium rywardenii Bernicchia & Piga**, *Mycotaxon* 68: 483 (1998). On wood of *J. oxycedrus*, *J. phoenicea*, West Europe (Bernicchia, 2000).

Lachnocladiaceae D.A. Reid (1965)

478. **Asterostroma cervicolor (Berk. & M.A. Curtis) Masee**,* *J. Linn. Soc., Bot.* 25: 155 (1889). Bas.: *Corticium cervicolor* Berk. & M.A. Curtis (1873). On wood of *J. communis* subsp. *nana*; West Europe (Bernicchia, 2000).

479. **Asterostroma muscicola (Berk. & M.A. Curtis) Masee**,* *J. Linn. Soc., Bot.* 25: 154 (1889). Bas.: *Hymenochaete muscicola* Berk. & M.A. Curtis (1868). On living and dead trunks and branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

480. **Scytinostroma portentosum (Berk. & M.A. Curtis) Donk**,* *Fungus (Wageningen)* 26(1–4): 20 (1956). Bas.: *Corticium portentosum* Berk. & M.A. Curtis (1859). Syn.: *Crystallocystidium portentosum* (Berk. & M.A. Curtis) Rick (1940); *Stereum portentosum* (Berk. & M.A. Curtis) Höhn. & Litsch. (1907); *Terana portentosa* (Berk. & M.A. Curtis) Kuntze (1891); *Vararia portentosa* (Berk. & M.A. Curtis) G. Cunn. (1953). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

481. **Vararia gomezii Boidin & Lanq.**,* *Bull. Trimest. Soc. Mycol. Fr.* 91(4): 462 (1975). On dead branches and trunks of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

482. **Vararia ochroleuca (Bourdot & Galzin) Donk,*** Ned. Kruidk. Arch. 1930: 79 (1930). Bas.: *Asterostromella ochroleuca* Bourdot & Galzin (1911). On trunks of *J. communis*; West Europe (Bernicchia, 2000).

483. **Vararia parmastoi Boidin & Lanq.,*** Persoonia 12(3): 257 (1984). Syn.: *Vararia marenmanna* Bernicchia (1992). On trunks of *J. seravschanica*; Uzbekistan (Index of Fungi 5). On trunks of *J. phoenicea*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

Peniophoraceae Lotsy (1907)

484. **Dendrophora albobadia (Schwein.) Chamuris,*** Mycotaxon 28(2): 544 (1987). Sanct. author: Fr. Bas.: *Thelephora albobadia* Schwein. (1822). Syn.: *Lloydella albobadia* (Schwein.) Höhn. & Litsch. (1907); *Stereum albobadium* (Schwein.) Fr. (1838); *Peniophora albobadia* (Schwein.) Boidin (1961). On dead branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985). As *Dendrophora albobadia* — on dead twigs of *J. virginiana* (Farr et al., 1989).

485. **Peniophora boidinii D.A. Reid,*** Revista Biol. (Lisboa) 5(1–2): 146 (1965). On wood of *J. phoenicea*; West Europe (Bernicchia, 2000).

486. **Peniophora junipericola J. Erikss.,*** Symb. Bot. Upsal. 10(5): 52 (1950). On trunks of *J. communis*; West Europe (Index of Fungi 2). On small twigs of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989). On wood of *J. communis*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

487. **Peniophora lycii (Pers.) Höhn. & Litsch.,*** Sitzungsber. K. Akad. Wiss. Wien, Math.-nat. Kl. I 1(116): 747 (1907). Bas.: *Thelephora lycii* Pers. (1822). Syn.: *Corticium lycii* (Pers.) Cooke (1881); *Kneiffia lycii* (Pers.) Herter (1910). On wood of *J. communis*, *J. oxycedrus*; West Europe (Bernicchia, 2000).

488. **Peniophora meridionalis Boidin,*** Bull. Trimest. Soc. Mycol. Fr. 74(4): 455 (1958). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

489. **Peniophora versicolor (Bres.) Sacc. & Syd.,*** in Saccardo, Syll. fung. (Abellini) 16: 193 (1902). Bas.: *Corticium versicolor* Bres. (1898). Syn.: *Membranicium versicolor* (Bres.) Y. Hayashi (1974); *Peniophora incarnata* subsp. *versicolor* (Bres.) Bourdot & Galzin (1928). On wood of *J. macrocarpa*, *J. phoenicea*; West Europe (Bernicchia, 2000).

Russulaceae Lotsy (1907)

490. **Lactarius aquizonatus Kytöv.,** Karstenia 24(2): 60 (1984). On fallen leaves and branches of *J. communis*; West Europe (Index of Fungi 5).

491. **Russula juniperina Ubaldi,** Micologia Italiana 14(3): 25 (1985). Homotypic syn.: *Russula cuprea* var. *juniperina* (Ubaldi) Bon & Sarnari in Bon (1986). On fallen leaves and branches of *Juniperus* sp.; West Europe (Index of Fungi 5).

491a. **Russula juniperina f. aurantiopurpurea (Ubaldi) Sarnari,** Micologia Italiana 17(1): 19 (1988). Bas.: *Russula juniperina* var. *aurantiopurpurea* Ubaldi (1985). On fallen leaves of *Juniperus* spp.; West Europe (Index of Fungi 5).

491b. **Russula juniperina f. pseudomaculata (Ubaldi) Sarnari,** Micologia Italiana 17(1): 19 (1988). Bas.: *Russula juniperina* var. *pseudomaculata* Ubaldi (1985). On fallen leaves of *Juniperus* spp.; West Europe (Index of Fungi 5).

Stereaceae Pilát (1930)

492. **Acanthophysellum bertii (Lloyd) Sheng H. Wu, Boidin & C.Y. Chien,*** Mycotaxon 76: 160 (2000). Bas.: *Aleurodiscus bertii* Lloyd (1924). Syn.: *Acanthophysium bertii* (Lloyd) Boidin (1986) [1985]. On trunks and branches of *J. monosperma*; North America (Farr et al., 1989).

493. **Aleurobotrys botryosus (Burt) Boidin, Lanq. & Gilles.*** Bull. Trimest. Soc. Mycol. Fr. 101(4): 355 (1986) [1985]. Bas.: *Aleurodiscus botryosus* Burt (1918). Homotypic syn.: *Acanthophysium botryosum* (Burt) G. Cunn. (1963). On wood, living trunks, and branches of *J. virginiana*; North America (Gilbertson, Blackwell, 1985; Farr et al., 1989).

494. **Aleurodiscus cerussatus (Bres.) Höhn. & Litsch.*** Sitzungsber. K. Akad. Wiss. Wien, Math.-nat. Kl. I 116: 808 (1907). Bas.: *Corticium cerussatum* Bres. (1892). Syn.: *Acanthophysellum cerussatum* (Bres.) Parmasto (1967); *Kneiffia cerussata* (Bres.) Bres. (1903); *Acanthophysium cerussatum* (Bres.) Boidin (1986) [1985]. On trunks and branches of *J. monosperma*; North America (Farr et al., 1989).

495. **Aleurodiscus diffissus (Sacc.) Burt.*** Ann. Missouri Bot. Gard. 18: 485 (1931). Bas.: *Peniophora diffissa* Sacc. (1891). Syn.: *Acanthophysium diffissum* (Sacc.) Parmasto (1967). On dead branches of *J. virginiana*; North America (Farr et al., 1989).

496. **Aleurodiscus lividocaeruleus (P. Karst.) P.A. Lemke,*** Canad. J. Bot. 42: 252 (1964). Bas.: *Corticium lividocaeruleum* P. Karst. (1868). Syn.: *Acanthophysellum lividocoeruleum* (P. Karst.) Parmasto (1967); *Aleurodiscus lividocaeruleus* (P. Karst.) P.A. Lemke 'lividocoeruleus' (1964); *Gloeocystidiellum lividocoeruleum* (P. Karst.) Donk (1956); *Gloeocystidium lividocaeruleum* (P. Karst.) Höhn. & Litsch. (1906); *Terana lividocaerulea* (P. Karst.) Kuntze (1891); *Acanthophysium lividocaeruleum* (P. Karst.) Boidin (1986) [1985]. On dead branches of *J. deppeana*; North America (Farr et al., 1989).

497. **Amylostereum chailletii (Pers.) Boidin.*** Revue Mycol. (Paris) 23: 345 (1958). Sanct. author: Fr. Bas.: *Thelephora chailletii* Pers. (1822). Syn.: *Lloydella chailletii* (Pers.) Bres. (1901); *Lloydellopsis chailletii* (Pers.) Pouzar (1959); *Stereum chailletii* (Pers.) Fr. (1838). On wood of *J. virginiana*; North America (Farr et al., 1989).

498. **Amylostereum laevigatum (Fr.) Boidin,*** Revue Mycol. (Paris) 23: 345 (1958). Sanct. author: Fr. Bas.: *Thelephora laevigata* Fr. (1828). Syn.: *Corticium laevigatum* (Fr.) Fr. (1838); *Gloeocystidiellum laevigatum* (Fr.) Y. Hayashi (1974); *Hymenochaete laevigata* (Fr.) Massee (1890); *Kneiffia laevigata* (Fr.) Bres. (1903); *Peniophora juniperi* (P. Karst.) P. Karst. (1881); *P. laevigata* (Fr.) Bres. (1881); *Stereum juniperi* (P. Karst.) Boidin (1957); *S. laevigatum* Speg. (1880); *Terana laevigata* (Fr.) Kuntze (1891); *Xerocarpus juniperi* P. Karst. (1881); *X. laevigatus* (Fr.) P. Karst. (1881); *Corticium juniperi* P. Karst. (1876). On trunks of *J. communis*; West Europe (Saccardo's Syll. fung. IX). As *Kneiffia laevigata* on branches of *J. communis*; Europe (Oudemans, 1919). On bark of *J. communis*; West Europe (Index of Fungi 2). On wood of *J. oxycedrus*, *J. macrocarpa*; West Europe (Bernicchia, 2000). On dead trunks of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

499. **Chaetodermella luna (Romell ex D.P. Rogers & H.S. Jacks.) Rauschert,*** Haussknechtia 4: 52 (1988). Bas.: *Peniophora luna* Romell ex D.P. Rogers & H.S. Jacks. (1943). Syn.: *Chaetoderma luna* (Romell ex D.P. Rogers & H.S. Jacks.) Parmasto (1968). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

500. **Stereum hirsutum (Willd.) Gray.*** Epicrisis systematis mycologici (Uppsala): 549 (1938). Sanct. author: Fr. Bas.: *Thelephora hirsuta* Willd. (1787). On wood of *J. virginiana*; North America (Farr et al., 1989).

501. **Stereum rugosum (Pers.) Fr.*** Epicrisis systematis mycologici (Uppsala): 552 (1838). Sanct. author: Fr. Bas.: *Thelephora rugosa* (Pers.) Pers. (1801). Syn.: *Thelephora juniperina* Weinm.; *Corticium juniperinum* (Weinm.) Fr. (1838). As *Corticium juniperinum* on branches and trunks of *J. communis*; West Europe (Oudemans, 1919).

502. **Vesiculomyces citrinus (Pers.) E. Hagstr.*** Bot. Notiser 130: 53 (1977). Bas.: *Thelephora citrina* Pers. (1822). Syn.: *Corticium citrinum* (Pers.) Pers. (1888); *Corticium nudum* var. *citrinum* (Pers.) Sacc. (1888); *Corticium ochraceum* var. *citrinum* (Pers.) Qué. (1886); *Gloeocystidiellum citrinum* (Pers.) Donk (1956); *Gloeocystidiellum radiosum* (Pers.) Boidin (1957); *Gloeocys-*

tidium citrinum (Pers.) S. Lundell (1939); *Gloiothete citrina* (Pers.) Ginns & G.W. Freeman (1994). On fallen leaves and branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

Thelephorales

Thelephoraceae Chevall. (1926)

503. **Lenzitella malençonii Ryvar**den, Synopsis Fungorum (Oslo) 5: 174 (1991). On dead wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

504. **Lenzitopsis oxycedri Malençon & Bertault**, Bull. Soc. Mycol. France 79: 82 (1963). On trunks of *J. oxycedrus*; Africa (Index of Fungi 3).

505. **Thelephora albidobrunnea Schwein.**, Transactions of the Amer. Phil. Soc., New Series 4(2): 166 (1832) [1834]. On wood of *J. virginiana*; North America (Farr et al., 1989).

506. **Thelephora cuticularis Berk.**, London Journal of Botany 6: 324 (1847). On wood of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

507. **Thelephora terrestris Ehrh.** (1787) in Fr., Systema mycologicum 1: 432 (1821). Sanct. author: Fr. Syn.: *Hyphoderma terrestre* (Ehrh.) Wallr. (1833); *Phylacteria terrestris* (Ehrh.) Pat. (1900). On butts of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

507a. **Thelephora terrestris f. resupinata (Bourdot & Galzin) Donk**, Meded. Ned. Mycol. Ver. 22: 44 (1933). Bas.: *Phylacteria terrestris* var. *resupinata* Bourdot & Galzin (1924). On dead branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

508. **Tomentella asperula (P. Karst.) Höhn. & Litsch.**, Sitzungsber. K. Akad. Wiss. Wien, Math.-nat. Kl. I 115: 1570 (1906). Bas.: *Botrytis asperula* P. Karst. (1892). On wood of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

509. **Tomentella bresadolae (S.A. Brinkm.) Bourdot & Galzin**, Bull. Trimest. Soc. Mycol. Fr. 40: 155 (1925). Bas.: *Hypochnus bresadolae* S.A. Brinkm. (1903). On wood of *J. virginiana*; North America (Farr et al., 1989).

510. **Tomentella cinereoumbrina (Bres.) Stalpers**,* Stud. Mycol. 35: 26 (1993). Bas.: *Hypochnus cinereoumbrinus* Bres. (1926). On dead branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004, data of E.O. Yurchenko).

511. **Tomentella ellisii (Sacc.) Jülich & Stalpers**, Verhandelingen der Koninklijke Nederlandsche Akademie van Wetenschappen, 2 Sectie 74: 236 (1980). Bas.: *Zygodemus ellisii* Sacc. (1886). On wood of *J. communis*; West Europe (Bernicchia, 2000).

512. **Tomentella ferruginea (Pers.) Pat.**,* Hymenomycetes de l'Europe (Uppsala): 154 (1887). Sanct. author: Fr. Bas.: *Thelephora ferruginea* (Pers.) Pers. (1801). On wood of *J. virginiana*; North America (Farr et al., 1989). On wood of *J. communis*; West Europe (Bernicchia, 2000).

513. **Tomentella fuscocinerea (Pers.) Donk**,* Meddel. Bot. Mus. Herb. Rijhs Universit. Utrecht 9: 30 (1933). Sanct. author: Fr. Bas.: *Thelephora fuscocinerea* Pers. (1822). On dead trunks of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

514. **Tomentella lapida (Pers.) Stalpers** 'lapidum', Stud. Mycol. 24: 65 (1984). Bas.: *Sporotrichum lapidum* Pers. (1822). On fallen leaves and twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

515. **Tomentella rubiginosa (Bres.) Maire**, Ann. Mycol. 4: 335 (1906). Bas.: *Hypochnus rubiginosus* Bres. (1897). On leaves of *J. communis*; Eastern Europe (Oudemans, 1919).

516. **Tomentella subclavigera Litsch.**, Bull. Trimest. Soc. Mycol. Fr. 49: 57 (1933). On wood of *J. communis*; West Europe (Bernicchia, 2000).

517. **Tomentella sublilacina (Ellis & Holw.) Wakef.**, Mycologia 52(6): 931 (1962) [1960]. Bas.: *Zygodemus sublilacinus* Ellis & Holw. (1887). On wood of *J. communis*; West Europe (Bernicchia, 2000).

518. *Tomentella violaceofusca* (Sacc.) M.J. Larsen (1974). On wood of *J. communis*; West Europe (Bernicchia, 2000).

519. *Tomentellopsis zygodesmoides* (Ellis) Hjortstam,* Svensk Bot. Tidskr. 68(1): 55 (1974). Bas.: *Thelephora zygodesmoides* Ellis (1882). On wood of *J. communis*; West Europe (Bernicchia, 2000).

Tremellomycetidae

Tremellales

Exidiaceae R.T. Moore (1978)

520. *Basidiodendron eyrei* (Wakef.) Luck-Allen,* Canad. J. Bot. 41: 1034 (1963). Syn.: *Sebacina deminuta* Bourdot (1922). On wood of *J. oxycedrus*; West Europe (Bernicchia, 2000).

521. *Exidiopsis calcea* (Pers.) K. Wells,* Mycologia 53: 348 (1962) [1961]. Sanct. author: Fr. Bas.: *Thelephora calcea* Pers. (1801). Syn.: *Auricularia calcea* (Pers.) Mérat (1821); *Corticium calceum* (Pers.) Fr. (1838); *Sebacina calcea* (Pers.) Bres. (1898); *Terana calcea* (Pers.) Kuntze (1891). On wood of *J. deppeana*, *J. monosperma*; North America (Farr et al., 1989). On trunks and branches of *J. virginiana*, *J. phoenicea*; North America (Gilbertson, Blackwell, 1987).

522. *Heterochaete shearii* (Burt) Burt (1921). Bas.: *Sebacina shearii* Burt (1915). On dead branches of *J. virginiana*; North America (Farr et al., 1989).

523. *Sebacina epigaea* (Berk. & Broome) Bourdot & Galzin, Hymenomycetes de France (Paris): 39 (1928). Bas.: *Tremella epigaea* Berk. & Broome (1848). On wood of *J. virginiana* (Farr et al., 1989). On roots and trunks of *J. virginiana*; North America (Gilbertson, Blackwell, 1985).

524. *Sebacina incrustans* (Pers.) Tul. & C. Tul.,* Ann. Sci. Nat., Bot., Ser. V 15: 225 (1871). Sanct. author: Fr. Bas.: *Corticium incrustans* Pers. (1796). On butt of *J. virginiana*; North America (Gilbertson, Blackwell, 1987; Farr et al., 1989).

Tremellaceae Fr. (1821)

525. *Tremella polyporina* D.A. Reid, Trans. Br. Mycol. Soc. 55: 416 (1970). On old *Oligoporus* sp. on trunks of *J. communis*; West Europe (Bernicchia, 2000).

Tulasnellales

Tulasnellaceae Juel (1897)

526. *Tulasnella violacea* (Johan-Olsen) Juel,* Bihang K. Svensk. Vet. Akad. Handl., 23 III 12: 22 (1897). Bas.: *Pachysterigma violaceum* Johan-Olsen (1889). On wood of *J. communis*; West Europe (Bernicchia, 2000).

Urediniomycetes

Uredinales

Pucciniaceae Chevall. (1826)

527. *Gymnosporangium amelanchieris* E. Fisch. ex F. Kern, Z. Bot. 1: 711 (1909). On branches of *J. communis*; West Europe (Oudemans, 1919). On *Juniperus* spp.; Europe (Kuprevich, Uljanishchev, 1975b).

528. *Gymnosporangium asiaticum* Miyabe ex G. Yamada, Shokubutse Byorigaku (Pl. Path) Tokyo Hakubunkwan 37(9): 304–306 (1904). Syn.: *G. chinense* Long (1914); *G. haraeenum* Syd. & P. Syd. (1912); *G. japonicum* P. Syd. (1899); *G. koreaensis* H.S. Jacks. (1916); *G. spiniferum* Syd. & P. Syd. (1912); *Roestelia koreaensis* Henn. (1889). On *J. chinensis*; Asia (Az-

bukina, 1974; Kuprevich, Uljanishchev, 1975b). On *J. chinensis*, *J. virginiana*; North America (Farr et al., 1989).

529. **Gymnosporangium atlanticum Guyot & Malençon**, Trav. Inst. Scient. Chèrien 11: 15 (1957). On twigs and branches of *J. phoenicea*; Morocco (Index of Fungi 2).

530. **Gymnosporangium aurantiacum Chevall.**, Flora des Environs de Paris 1: 424 (1826). As a synonym of *G. juniperi* Link, on branches and trunks of *J. communis*; West Europe (Oudemans, 1919). On branches and trunks of *J. communis*; Eastern Europe (Zerova et al., 1971).

531. **Gymnosporangium bermudianum Earle** in Seymour & Earle, Economic fungi: 249 (1893). On *J. silvicola*, *J. virginiana*; North America (Farr et al., 1989).

532. **Gymnosporangium bethelii F. Kern**, Bull. Torrey Bot. Club 34: 459 (1907). On *J. horizontalis*, *J. occidentalis*, *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

533. **Gymnosporangium clavariiforme (Jacq.) DC.**, Fl. Fr. 2: 217 (1805). Bas.: *Tremella clavariiformis* Jacq. 'clavariaeformis' (1801). On branches of *J. communis*, *J. oxycedrus* (*glauca*); Europe, Asia, North America (Oudemans, 1919; Zerova et al., 1971; Kuprevich, Uljanishchev, 1975b; Azbukina, 1984; Farr et al., 1989; Belomesyatseva, 2004).

534. **Gymnosporangium clavipes (Cooke & Peck) Cooke & Peck** in Peck, Rep. N.Y. St. Mus. Nat. Hist. 25: 89 (1873). Syn.: *G. germinale* F. Kern (1908). On branches of *J. communis*, *J. phoenicea*; Europe, Asia, North America (Oudemans, 1919). On *J. communis*, *J. communis* var. *depressa*, *J. virginiana*; North America (Farr et al., 1989).

535. **Gymnosporangium confusum Plowr.**, Monograph Brit. Ured.: 232 (1889). Syn.: *G. tauricum* Erikss. (1919), *G. oxycedri* Bres. (1903). On leaves and branches of *J. sabina*, *J. oxycedrus*; Europe (Oudemans, 1919). On *J. excelsa*, *J. foetidissima*, *J. oblonga*, *J. oxycedrus*; Europe, Asia, North Africa (Kuprevich, Uljanishchev, 1975b). On *J. sabina*; Crimea (Zerova et al., 1971). On *J. sabina*; North America (Farr et al., 1989).

536. **Gymnosporangium connersii Parmelee**, Can. J. Bot. 43: 245 (1965). On twigs and branches of *J. horizontalis*; North America (Index of Fungi 3).

537. **Gymnosporangium corniforme Sawada**, Descript. Cat. Formosa Fungi 4: 34 (1928). On branches of *J. formosani*; Taiwan (Pettrak's Lists 5).

538. **Gymnosporangium cornutum Arthur ex F. Kern**, Bulletin of the New York Botanical Garden 7: 444–445 (1911) [1909]. Syn.: *G. juniperi* sensu auct. non Link (1809). On *Juniperus* spp.; Europe, Asia, North America (Azbukina, 1984). On leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004). On *J. communis*, *J. communis* var. *siberica*, *J. horizontalis*; North America (Farr et al., 1989).

539. **Gymnosporangium davisii F. Kern**, Bull. Torrey Bot. Club 35: 507 (1908). On branches of *J. communis*; West Europe (Oudemans, 1919). On *J. communis*, *J. siberica*, *J. virginiana*; North America (Farr et al., 1989).

540. **Gymnosporangium dobrozakovae Mitrof.**, Mycology and Phytopathology 3(3): 260 (1969). On *J. excelsa*, *J. oxycedrus*; Crimea (Kuprevich, Uljanishchev, 1975b).

541. **Gymnosporangium effusum F. Kern**, Bulletin of the New York Botanical Garden 7: 459 (1911). On *J. virginiana*; North America (Farr et al., 1989).

542. **Gymnosporangium exiguum F. Kern**, Bull. Torrey Bot. Club 35: 508 (1908). On *J. californica*, *J. deppeana* var. *pachyphloea*, *J. excelsa*, *J. mexicana*, *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

543. **Gymnosporangium exterum Arthur & F. Kern** in Arthur, Mycologia 1: 254 (1909). On *J. virginiana*; North America (Farr et al., 1989).

544. **Gymnosporangium floriforme Thaxt.** in Kern, Bull. Torrey Bot. Club 35: 503 (1908). On *J. virginiana*; North America (Farr et al., 1989).

545. **Gymnosporangium fusisporum** E. Fisch., Mittel. der Naturforsch. G. Bern aus dem Jahre: 58 (1917). On *J. sabina*, *J. seravschanica*, *J. turcomanica*, *J. turkestanica*; Europe, Asia (Zerova et al., 1971; Kuprevich, Uljanishchev, 1975b).

546. **Gymnosporangium gaumannii** Zogg, Berichte Schweiz Bot. Ges. 59: 426 (1949). On *J. communis* subsp. *nana*; West Europe (Index of Fungi 2).

546a. **Gymnosporangium gaumannii subsp. albertense** Parmelee, Mycologia 61: 402 (1969). On twigs and branches of *J. communis* var. *depressa*; North America (Index of Fungi 3).

547. **Gymnosporangium gjaerumii** Korbonsk. & Azbukina, Mycology and Phytopathology 31(1): 3 (1997). On leaves of *J. turkestanica*; Tadjikistan (Korbonskaya, Azbukina, 1997).

548. **Gymnosporangium globosum** Farl., The gymnosporangia of cedar-apples of the U. S.: 34 (1880). On twigs and branches of *J. sabina*; West Europe (Oudemans, 1919). On *J. chinensis*, *J. communis*, *J. horizontalis*, *J. scopulorum*, *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

549. **Gymnosporangium gracile** Pat. in Trotter, Fl. Ital. Crypt. Ured: 337 (1902). On *J. oxycedrus*; Europe, North Africa (Kuprevich, Uljanishchev, 1975b). On *J. deppeana* var. *pachyphloea*, *J. flaccida*; North America (Farr et al., 1989).

550. **Gymnosporangium harknessianum** F. Kern ex Arthur, North American Flora (New York) 7: 737 (1926). On *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. virginiana*; North America (Farr et al., 1989).

551. **Gymnosporangium hemisphaericum** Hara, Engei no Tomo 13: 813 (1917). On *J. chinensis*; Japan (Kuprevich, Uljanishchev, 1975b).

552. **Gymnosporangium idetae** Yamada & Hara, Kwaju Buogairon Irie-cho 5: 95 (1916). On *J. rigida*; Japan (Saccardo's Syll. fung. XXIII; Petrak's Lists 3).

553. **Gymnosporangium inconspicuum** F. Kern, Bull. Torrey Bot. Club 32: 461 (1907). On *J. deppeana*, *J. deppeana* var. *pachyphloea*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. virginiana*; North America (Farr et al., 1989).

554. **Gymnosporangium juniperi** Link, Observ. mycol. (Copenhagen) 1: 7 (1809). On leaves and branches of *J. communis*; West Europe (Oudemans, 1919). On *J. communis*; Europe, Asia, North America (Kuprevich, Uljanishchev, 1975b).

555. **Gymnosporangium juniperi-virginianae** Schwein., Schr. Naturf. Ges. Leipzig 1: 74 (1822). On *J. chinensis*, *J. communis*, *J. horizontalis*, *J. osteosperma* (*J. utahensis*), *J. pinchotii*, *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

556. **Gymnosporangium kernianum** Bethel, Mycologia 3: 157 (1911). On *J. californica*, *J. deppeana*, *J. deppeana* var. *pachyphloea*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. virginiana*; North America (Farr et al., 1989).

557. **Gymnosporangium multiporum** F. Kern, Mycologia 1: 210 (1909). On *J. deppeana*, *J. deppeana* var. *pachyphloea*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. virginiana*; North America (Farr et al., 1989).

558. **Gymnosporangium nelsonii** Arthur, Bull. Torrey Bot. Club 28: 665 (1901). On *J. californica*, *J. deppeana*, *J. flaccida*, *J. horizontalis*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

559. **Gymnosporangium nidus-avis** Thaxt., Bulletin of the Conn. Agricultural Experimental Station 107: 3 (1891). On *J. horizontalis*, *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

560. **Gymnosporangium nipponicum** Yamada ex Hirats. f., Mem. Tottori Agr. Coll 3: 143 (1935). On *J. sargentii*; Japan (Kuprevich, Uljanishchev, 1975b). On *Juniperus* spp.; the Far East (Azbukina, 1984).

561. *Gymnosporangium padmarensis* Balfour-Brown, Bull. Brit. Mus., Botany 1: 205 (1955). On branches of *J. indica*; Tibet (Index of Fungi 2).

562. *Gymnosporangium sabina* (Dicks.) G. Winter, Pilze Deutschl. 1: 232 (1884). Bas.: *Tremella sabina* Dicks. (1785). Syn.: *Gymnosporangium fuscum* DC. (1805); *Puccinia juniperi* Pers. (1797); *Roestelia cancellata* Rebent. (1804). On leaves of *J. communis*, branches of *J. excelsa*, *J. oxycedrus*, *J. phoenicea*, *J. sabina*; West Europe (Oudemans, 1919). On *J. excelsa*, *J. foetidissima*, *J. oxycedrus*, *J. sabina*; Eastern Europe, Crimea (Zerova et al., 1971).

563. *Gymnosporangium shiraianum* Hara, Byoochu-gai Zasshi 6: 681 (1919). On *J. littoralis*; Japan (Kuprevich, Uljanishchev, 1975b).

564. *Gymnosporangium speciosum* Peck, Bot. Gaz. 4: 217 (1879). On *J. deppeana*, *J. deppeana* var. *pachyphloea*, *J. monosperma*, *J. occidentalis*, *J. osteosperma* (*J. utahensis*), *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

565. *Gymnosporangium torminali-juniperini* E. Fisch. 'torminali-juniperinum', Z. Bot. 2: 759 (1910). On *J. communis*; Europe (Kuprevich, Uljanishchev, 1975b).

566. *Gymnosporangium trachysorum* F. Kern in Arthur, Mycologia 2: 237–238 (1910). On *J. virginiana*; North America (Farr et al., 1989).

567. *Gymnosporangium tremelloides* (A. Braun) R. Hartig, Lehrb. Baumkrankh.: 55 (1882). Syn.: *Podisoma tremelloides* A. Braun (1867); *Gymnosporangium juniperinum* (L.) Mart. (1845). On branches of *J. communis*; Eastern Europe (Belomesyatseva, 2004). On twigs and branches of *J. communis* subsp. *nana*; Europe (Oudemans, 1919). As *G. juniperinum* on *J. communis*, *J. communis* subsp. *siberica*; Europe, Asia, North America (Zerova et al., 1971; Kuprevich, Uljanishchev, 1975b). On *J. communis*, *J. communis* subsp. *siberica*; Europe, Asia, North America (Azbukina, 1984). On *J. communis*; North America (Farr et al., 1989).

568. *Gymnosporangium turkestanicum* Tranzschel, Obzor rzhavchinykh gribov SSSR: 77 (1939). On *J. turkestanica*; Asia (Kuprevich, Uljanishchev, 1975b).

569. *Gymnosporangium vauquelinae* Long & Goodl., Mycologia 31: 671 (1939). On *J. monosperma*, *J. virginiana*; North America (Farr et al., 1989).

570. *Gymnosporangium yamadae* Miyabe ex G. Yamada, Shokubutse Byorigaku (Pl. Path) Tokyo Hakubunkwan 379: 306–308 (1904). On *J. chinensis*; Japan (Saccardo's Syll. fung. XXIII; Petrak's Lists 3).

Incertae sedis

571. *Roestelia brucensis* Parmelee, Can. J. Bot. 43: 259 (1965). On twigs and branches of *J. horizontalis*; North America (Index of Fungi 3).

572. *Uredo apachea* R.S. Peterson, Madroño 19: 88 (1967). On twigs and branches of *J. deppeana* var. *pachyphloea*; North America (Index of Fungi 3).

Ustilaginomycetes

Incertae sedis

Platyglloeaceae Racib. (1909)

573. *Achroomyces unisporus* (L.S. Olive) Wojewoda, Mała Flora Grzybów, 2. Basidiomycetes (Warszawa): 205 (1981). Homotypic syn.: *Platyglloea unispora* L.S. Olive. On small twigs of *J. communis*; North America (Farr et al., 1989).

574. *Kriegeria* sp. On leaves of *J. virginiana*; North America (Farr et al., 1989).

Anamorphic fungi

575. **Acremonium butyri** (J.F.H. Beyma) W. Gams, *Cephalosporium*-artige Schimmelpilze (Stuttgart): 126 (1971). Bas.: *Tilachlidium butyri* J.F.H. Beyma (1938). Anamorphic Hypocreales. On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

576. **Acremonium roseogriseum** (S.B. Saksena) W. Gams 'roseo-griseum', *Cephalosporium*-artige Schimmelpilze (Stuttgart): 87 (1971). Bas.: *Cephalosporium roseogriseum* S.B. Saksena (1956). Anamorphic Hypocreales. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

577. **Acremonium roseum** Petch, Ann. R. Bot. Gard. (Peradeniya) 7(4): 317 (1922). Homotypic syn.: *Dischloridium roseum* (Petch) Seifert & W. Gams, Mycotaxon 24: 459 (1985). Anamorphic Hypocreales. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

578. **Alternaria alternata** (Fr.) Keissl., Beihefte Bot. Centralbl., Abt. 1 29(2): 434 (1912) Sanct. author: Fr. Bas.: *Torula alternata* Fr. (1832). Syn.: *A. fasciculata* (Cooke & Ellis) L.R. Jones & Groul (1897); *A. mali* Roberts (1924); *A. tenuis* Nees (1822); *Macrosporium fasciculatum* (1877). Anamorphic *Lewia*. On leaves of *J. communis*, *J. occidentalis*, *J. virginiana*, causing a disease and leaves abscission; North America (Farr et al., 1989). On wood and bark, dead leaves, isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

579. **Alternaria tenuissima** (Kunze) Wiltshire, Trans. Br. Mycol. Soc. 18: 157 (1933). Sanct. author: Fr. Bas.: *Helminthosporium tenuissimum* Kunze in Nees & Nees (1818). Syn.: *Macrosporium tenuissimum* (Kunze) Fr. (1832); *Alternaria humicola* Oudem. (1902). Anamorphic *Lewia*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

580. **Apiosporium pinophilum** Fuckel, Symbolae mycologicae: 87 (1870). Anamorphic *Athelia*. "Sooty moulds" on leaves of *J. communis*; North America (Farr et al., 1989).

581. **Aplosporella juniperi** (Peck) Petr. 'Haplosporella', Sydowia 7: 129 (1953). Bas.: *Sphaeropsis juniperi* Peck (1889). Syn.: *Macroplodia sabina* House (1925). Anamorphic Ascomycetes. On wood of *J. communis*, *J. silicicola*, and *J. virginiana*; Europe, North America (Index of Fungi 2; Farr et al., 1989).

582. **Aposphaeria hemisphaerica** (Alb. & Schwein.) Sacc., Syll. fung. (Abellini) 3: 170 (1884). Bas.: *Sphaeria hemisphaerica* Alb. & Schwein. (1805). Anamorphic Ascomycetes. On fallen leaves of *J. communis*; Europe (Oudemans, 1919).

583. **Arthrotritys arthrotrityoides** (Berl.) Lindau in Rabenhorst, Rabenh. Krypt.-Fl. 1(8): 371 (1905). Bas.: *Cephalothecium roseum* Corda var. *arthrotrityoides* Berl. (1888). Anamorphic *Orbilia*. On dead wood of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

584. **Arthrotritys conoides** Drechsler, Mycologia, 29: 476 (1937). Syn.: *A. pravicornii* (Soprunov) Sidorova, R.V. Gorlenko & Nalepina 'pravicornii' (1964); *A. pravicornii* (Soprunov) Mekht 'pravicornii' (1964); *A. tortor* Jarow. (1968); *Trichothecium pravicornii* Soprunov 'Pravicornii' (1958). Anamorphic *Orbilia*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

585. **Aspergillus flavus** Link, Mag. Ges. Naturf. Freunde (Berlin) 3: 386 (1809). Sanct. author: Fr. Syn.: *A. fasciculatus* Bat. & H. Maia 'fasciculatum' (1957); *A. flavus* f. *magnasporus* (Sakag. & G. Yamada) Nehira (1957); *A. humus* E.V. Abbott (1926); *A. luteus* (Tiegh.) C.W. Dodge (1935); *A. oryzae* var. *magnasporus* Sakag. & G. Yamada (1944); *A. wehmeri* Costantin & Lucet; *Sterigmatocystis lutea* Tiegh. (1877). Anamorphic Trichocomaceae. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

586. **Aspergillus fumigatus Fresen.**, Beitr. Mykol.: 81 (1863). Anamorphic Trichocomaceae. Isolated from roots and leaves living tissue of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

587. **Aspergillus sydowii (Bainier & Sartory) Thom & Church**, The Aspergilli: 147 (1926). Bas.: *Sterigmatocystis sydowii* Bainier & Sartory (1913). Anamorphic Trichocomaceae. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

588. **Aspergillus niger Tiegh.**, Ann. Sci. Nat., Bot., Ser. V 8: 240 (1867). Syn.: *Sterigmatocystis nigra* Tiegh. (1877). Anamorphic Trichocomaceae. Isolated from roots of *J. seravschanica* and *J. turkestanica*; Kazakhstan (Shvartsman et al., 1973). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

589. **Asperisporium juniperinum (Georgescu & Badea) B. Sutton & Hodges**, Mycologia 82 (3): 317 (1990). Bas.: *Cercospora juniperina* Georgescu & Badea (1937). Syn.: *Stigmium juniperina* (Georgescu & Badea) M.B. Ellis (1959); *Sciniatosporium juniperinum* (Georgescu & Badea) E.B.G. Jones (1971). Anamorphic Ascomycetes. On leaves of *J. communis*; Europe, North America (Petra's Lists Supplement, 1937; Ellis, 1959; Sutton, Hodges, 1990). On leaves of *J. communis* — causing a disease and leaves abscission; North America (Farr et al., 1989). On leaves of *J. communis* — causing a disease and leaves abscission; Eastern Europe (Belomesyatseva, 2004).

590. **Asperisporium sequoiae (Ellis & Everh.) B. Sutton & Hodges**, Mycologia 82 (3): 314 (1990). Bas.: *Cercospora sequoiae* Ellis & Everh. 'sequoiae' (1887). Syn.: *Cercosporidium sequoiae* (Ellis & Everh.) W.A. Baker & Partr. (2000). Anamorphic Ascomycetes. On leaves of *J. chinensis*, *J. monosperma*, *J. scopulorum*, *J. virginiana* — causing a disease and leaves abscission; North America, Hawaii (Farr et al., 1989).

591. **Aureobasidium microstictum (Bubak) W.B. Cooke**, Mycopathologia 17: 37 (1962). Bas.: *Kabatiella microsticta* Bubak. Anamorphic *Discosphaerina*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

592. **Aureobasidium pullulans (de Bary) Arnaud**,⁴ Annals d'Ecole National d'Agric. de Montpellier, N.S. 16: 39 (1918). Bas.: *Dematium pullulans* de Bary & Lowenthal (1866). Syn.: *Aureobasidium oleae* (Castagne) Subram. (1971); *Aureobasidium vitis* Viala & G. Boyer (1891); *Azymocandida malicola* (D.S. Clark & R.H. Wallace) E.K. Novak & Zsolt (1961); *Candida malicola* D.S. Clark & R.H. Wallace (1955); *Pullularia fermentans* E.S. Wynne & Gott (1956); *Pullularia pullulans* (de Bary & Lowenthal) Berkhout (1923). Anamorphic *Discosphaerina*. On leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

593. **Bactrodesmium betulicola M.B. Ellis**, Mycol. Pap. 72: 13 (1959). Anamorphic *Stuartella*. On dead bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

594. **Bactrodesmium cedricola M.B. Ellis**, Mycol. Pap. 72: 4 (1959). Anamorphic *Stuartella*. On leaves of *J. sabina*; North America (Farr et al., 1989).

595. **Botryodiplodia juniperina (Peck) Petr. & Syd.**, Feddes Repertorium, Beihefte 42: 116 (1927) [1926]. Bas.: *Macrophoma juniperina* Peck (1913). Anamorphic Ascomycetes. On dead bark of *J. virginiana*; North America (Farr et al., 1989).

596. **Botrytis cinerea Pers.**, Mycol. eur. (Erlanga) 1: 32 (1794). Sanct. author: Fr. Syn.: *Botrytis vulgaris* Fr. (1832). Anamorphic *Botryotinia*. On leaves, bark, and isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

⁴ The name **Fumago vagans** Pers., Mycol. eur. (Erlanga) 1: 9 (1822), reported by Oudemans (1919) as a fungus on living leaves of *J. sabina* (Europe, Asia, North America) and by Shvartsman et al. (1975) on wood of *J. seravschanica* (Kazakhstan) is evidently referred to the assemblage of *Aureobasidium pullulans* and *Cladosporium herbarum* (see Friend, 1965).

597. **Botrytis douglasii** Tubeuf in Saccardo, Syll. fung. (Abellini) 10: 536 (1892). Anamorphic *Botryotinia*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

598. **Botrytis epigaea** Link, Spec. Plant. 1: 53 (1824). Sanct. author: Fr. Homotypic syn.: *Phymatotrichum epigaeum* (Link) Vasyag. 'epigaea' in Shvartsman et al. (1973). Anamorphic *Botryotinia*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

599. **Brachysporium nigrum** (Link) S. Hughes, Can. J. Bot. 36: 742 (1958). Bas.: *Dactylium nigrum* Link (1824). Anamorphic Ascomycetes. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

600. **Camarosporium picastrum** (Fr.) Sacc., Syll. fung. (Abellini) 3: 465 (1884). Bas.: *Sphaeria picastra* Fr. (1823). Anamorphic *Cucurbitaria*. On bark of *J. sabina*; Crimea (Morochkovs'kyi et al., 1971). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

601. **Capnophialophora pinophila** (Nees) Borowska, Acta Mycologica, Warszawa 7(1): 100 (1971). Bas.: *Antennaria pinophila* Nees (1817). Syn.: *Antennataria pinophila* (Nees) Farl. (1905); *Hormiscium pinophilum* (Nees) Lindau (1906). Anamorphic *Metacapnodium*. "Sooty moulds" on leaves and small twigs of *Juniperus* spp.; Europe, North America (Index of Fungi 4). "Sooty moulds" on leaves and small twigs of *Juniperus* spp.; New Zealand (Hughes, 1970).

602. **Capnophialophora state of Metacapnodium juniperi** (Phillips et Plowr.) Spég., Physis B. Aires 4: 288 (1918). On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

603. **Ceuthospora juniperi** (Fr.) Höhn., Mitteil. Bot. Lab. Techn. Hochsch. 2 (4): 104 (1925). Bas.: *Sphaeria juniperi* Fr. Syn.: *Dothiorella juniperi* (Fr.) Sacc. (1884); *Dothiopsis juniperi* (Fr.) P. Karst. (1884); *Fusicoccum juniperi* P. Karst. (1870). Anamorphic *Phacidium*. On leaves of *J. communis*; West Europe (Oudemans, 1919; Petrak's Lists 3).

604. **Ceuthospora pithyophila** (Bres. & Sacc.) Höhn., Mitteil. Bot. Lab. Techn. Hochsch. 2 (4): 106 (1925). Bas.: *Dothiorella pithyophila* Bres. & Sacc. (1882). Anamorphic *Phacidium*. On twigs of *J. communis* subsp. *nana*; West Europe (Oudemans, 1919).

605. **Chalara austriaca** (Fautrey & Lambotte) Nag Raj & W.B. Kendr., Monograph of *Chalara* and allied genera (Waterloo): 89 (1975). Bas.: *Chalara longipes* f. *austriacae* Fautrey & F. Lamb. 'austriaca' (1895). Anamorphic Ascomycetes. On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

606. **Chalara cylindrosperma** (Corda) S. Hughes, Can. J. Bot. 36: 747 (1958). Bas.: *Menispora cylindrosperma* Corda (1837). Anamorphic Ascomycetes. On dead wood of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

607. **Chalara piceae-abietis** Hol.-Jech., Folia Geobot. Phytotax. 19(4): 412 (1984). Anamorphic Ascomycetes. On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

608. **Chalara thielavioides** (Peyronel) Nag Raj & W.B. Kendr., Monograph of *Chalara* and allied genera (Waterloo): 136 (1975). Bas.: *Chalaropsis thielavioides* Peyronel (1916). Anamorphic *Ceratocystis paradoxa* (Dade) C. Moreau, Revue Mycol. (Paris) 17(1): 22 (1952). "Sooty moulds" on leaves of *J. virginiana*; North America (Farr et al., 1989).

609. **Chalara state of Ceratocystis autographa** B.K. Bakshi, Ann. Bot., N.S. (London) 15: 58 (1951). On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

610. **Chalara state of Ceratocystis fimbriata** Ellis & Halst., Bulletin of the New York Agricultural Experimental Station 76: 14 (1890). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

611. **Cheiromoniliophora gracilis** R.F. Castañeda, Guarro & Cano, Mycotaxon 61: 320 (1997). Anamorphic Ascomycetes. On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

612a. **Cloridium virescens** (Pers.) W. Gams & Hol.-Jech. var. **chlamydosporum** (J.F.H. Beyma) W. Gams & Hol.-Jech., Stud. Mycol. 13: 21 (1976). Bas.: *Bisporomyces chlamydosporis* J.F.H. Beyma (1940). Syn.: *Cloridium chlamydosporum* (J.F.H. Beyma) S. Hughes 'chlamydosporis' (1958). Anamorphic *Chaetosphaeria*. On dead leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

612b. **Cloridium virescens** var. **virescens** (Pers.) W. Gams & Hol.-Jech., Stud. Mycol. 13: 17 (1976). Bas.: *Dematium virescens* Pers (1801). Syn.: *Cloridium viride* Link (1809). Anamorphic *Chaetosphaeria*. On dead leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

613. **Chrysosporium merdarium** (Ehrenb.) J.W. Carmich., Can. J. Bot. 40: 1160 (1962). Sanct. author: Fr. Bas.: *Sporotrichum merdarium* Ehrenb. (1818). Syn.: *Chrysosporium corii* Corda in Sturm (1833); *Chrysosporium merdarium* var. *roseum* W. Gams & Domsch (1969); *Chrysosporium verruculatum* Scharapov (1978); *Sporotrichum corii* (Corda) Sacc. & Traverso (1911); *Sporotrichum inquinatum* Link (1818). Anamorphic Onygenaceae. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

614. **Cladosporium cladosporioides** (Fresen.) G.A. de Vries, Contrib. knowledge of the genus *Cladosporium* Link ex Fries: 57 (1952). Bas.: *Penicillium cladosporioides* Fresen. (1863). Syn.: *Hormodendrum cladosporioides* (Fresen.) Sacc. (1880); *Monilia humicola* Oudem. (1902). Anamorphic *Mycosphaerella*. On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

615. **Cladosporium herbarum** (Pers.) Link, A natural arrangement of British plants (London) 1: 556 (1816). Sanct. author: Fr. Bas.: *Dematium herbarum* Pers. (1794). Syn.: *Byssus herbarum* (Pers.) DC. (1815); *Cladosporium epiphyllum* (Pers.) Nees (1816); *C. lignicola* Corda (1837). Anamorphic *Mycosphaerella*. On bark, leaves, galbuli, and isolated from leaves living tissue and from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

616. **Cladosporium oxysporum** Berk. & M.A. Curtis, J. Linn. Soc., Bot. 10(no. 46): 362 (1868). Anamorphic *Mycosphaerella*. On leaves and bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

617. **Coleophoma cylindrospora** (Desm.) Höhn., Ber. Deutsch. Bot. Ges. 37: 14 (1919). Bas.: *Sphaeropsis cylindrospora* Desm. (1849). Syn.: *Phoma cylindrospora* (Desm.) Sacc. (1879); *Macrophoma cylindrospora* (Desm.) Berl. (1886). Anamorphic Ascomycetes. On leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

618. **Coleophoma empetri** (Rostr.) Petr., Ann. Mycol. 27: 331 (1929). Bas.: *Septoria empetri* Rostr. (1888). Syn.: *Rhabdostromina empetri* (Rostr.) Died. (1921). Anamorphic Ascomycetes. On bark of small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

619. **Colletotrichum gloeosporioides** (Penz.) Penz. & Sacc., Atti Inst. Veneto Sci. Lett., Ed Arti, Serie VI 2: 670 (1884). Bas.: *Vermicularia gloeosporioides* Penz. (1882). Anamorphic *Glomerella cingulata* (Stoneman) Spauld. & H. Schrenk in Schrenk & Spaulding (1903). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

620. **Coniothecium chomatosporum** Corda, Icon. fung. (Prague) 1: 2 (1837). Homotypic syn.: *Cheiromycella chomatospora* (Corda) Boerema, Dorenb. & Kesteren, Persoonia 7(2): 132 (1973). Anamorphic Ascomycetes. On bark of *Juniperus* sp.; Eastern Europe, Crimea (Morochkovs'kyi et al., 1971).

620a. **Coniothecium chomatosporum** Corda var. **variegatum** Preuss, Linnaea 24: 101 (1851). Anamorphic Ascomycetes. On bark of *J. communis* small twigs; Eastern Europe (Belomesyatseva, 2004).

621. **Coniothyrium juniperi Shvartsman**, Flora sporovykh rastenii Kazakhstana, 5(2): 155 (1968). Anamorphic *Leptosphaeria*. On twigs of *J. seravschanica*; Kazakhstan, Uzbekistan (Index of Fungi 4).

622. **Conoplea fusca Pers.**, Mycol. eur. (Erlanga) 1: 12 (1822). Homotypic syn.: *Dematium fuscum* (Pers.) Sacc., Syll. fung. (Abellini) 10: 591 (1822). Anamorphic Sarcosomataceae. On leaves of *J. virginiana*; North America (Farr et al., 1989).

623. **Conoplea juniperi S. Hughes**, Can. J. Bot. 36: 755 (1958). Anamorphic Sarcosomataceae. On dead leaves of *J. communis*, *J. virginiana*; North America (Farr et al., 1989).

624. **Coryneum paraphysatum Rostr.**, Fungi Groenl.: 576 (1891). Anamorphic *Pseudovalsa*. On twigs of *J. communis* subsp. *nana*; Northland (Oudemans, 1919).

625. **Coryneum umbonatum Nees**, Das System der Pilze und Schwamme: 34 (1825). Homotypic syn.: *Exosporium umbonatum* (Nees) Spreng. (1925). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

626. **Costantinella micheneri (Berk. & M.A. Curtis) S. Hughes**, Can. J. Bot. 31: 605 (1953). Bas.: *Botrytis micheneri* Berk. & M.A. Curtis (1875). Anamorphic Leotiales. On dead twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

627. **Cryptocline sp.** Isolated from living tissue of *J. occidentalis*; North America (Farr et al., 1989).

628. **Curvularia intermedia Boedijn**, Bulletin du Jardin Botanique de Buitenzorg, 3 Serie 13(1): 126 (1933). Anamorphic *Cochliobolus*. On roots of *J. virginiana* — causing withering of nurseries; North America (Farr et al., 1989).

629. **Curvularia lunata (Wakker) Boedijn**, Bulletin du Jardin Botanique de Buitenzorg, 3 Serie 13(1): 127 (1933). Bas.: *Acrothecium lunatum* Wakker (1898). Anamorphic *Cochliobolus lunatus* R.R. Nelson & Haasis, Mycologia 56(2): 316 (1964). On dead wood and roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

630. **Cylindrocarpon candidum (Link) Wollenw.**, Fusaria autographica delineata, Edn 1: 476 (1916). Bas.: *Fusidium candidum* Link (1809). Anamorphic *Nectria*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

631. **Cylindrocarpon sp.** Isolated from roots of *Juniperus* spp.; North America (Farr et al., 1989).

632. **Cylindrocladium scoparium Morgan**, Bot. Gaz. 17: 191 (1892). Anamorphic *Calonectria kyoensis* Terash., Trans. Mycol. Soc. Japan 8(3): 124 (1968). On roots of *J. virginiana* — causing a root rot; North America (Farr et al., 1989).

633. **Cylindrosporella sp.** On leaves of *J. occidentalis*; North America (Farr et al., 1989).

634. **Cystodendron dryophilum (Pass.) Bubák** in Saccardo, Syll. fung. (Abellini) 25: 991 (1931). Bas.: *Tubercularia dryophila* Pass. Anamorphic Helotiales. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

635. **Cytospora kunzei Sacc.**, Syll. fung. (Abellini) 3: 270 (1884). Homotypic syn.: *Leucocytopora kunzei* (Sacc.) Z. Urb. (1958). Syn.: *Cytospora superficialis* Höhn. (1928); *Cytospora kunzei* var. *superficialis* (Höhn.) Waterm. (1955). Anamorphic *Valsa kunzei* Fr., Summa Veg. Scand., Section Post. 2 (2): 411 (1849). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

636. **Cytospora leucostoma (Pers.) Sacc. f. ferruginea (Desm.) Gvrit.**, Griby roda *Cytospora* Fr. v SSSR (Tbilisi): 123 (1982). Bas.: *Cytospora ferruginea* Desm. in Wallroth (1833). Syn.: *Cytospora durella* Sacc. (1884). Anamorphic *Valsa*. On dead leaves of *J. rufescens*; Caucasia (Gvritshvili, 1982). On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

637. **Cytospora pinastri Fr.**, Systema mycologicum 2: 544 (1823). Syn.: *C. cupressi* Gütner (1935); *C. dubyi* Sacc. (1884); *C. friesii* Sacc. (1884); *C. metasequoiae* Gucevič (1960); *C. kasachstanica* Shvartsman (1968). Anamorphic *Valsa*. As *C. friesii* and *C. dubyi* on leaves of *J. communis*; West Europe (Oudemans, 1919). As *C. dubyi* on twigs of *J. turkestanica*,

J. virginiana; Kazakhstan (Byzova et al., 1968). On leaves of *J. oblonga*; Caucasia (Gvritishvili, 1982). On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

638. **Cytospora sacculus (Schwein.) Gvrit.**, Mikol. Fitopatol. 3: 207 (1969). Bas.: *Torsellia sacculus* Schwein. (1849). On bark of *J. rufescens*; Caucasia (Gvritishvili, 1982).

639. **Cytospora sp.** On leaves of *J. virginiana* — causing a disease and leaves abscission; North America (Farr et al., 1989).

640. **Diplodia juniperi Westend.**, Bull. Soc. R. Bot. Belg., Ser. 2 (12): 7 (1857). Anamorphic *Botryosphaeria*. On bark of *J. communis*; West Europe, North America (Oudemans, 1919). On twigs of *J. virginiana*; Eastern Europe (Vizn. grib. Ukr., 3 т., 1971). Isolated from living tissue of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

640a. **Diplodia juniperi West. var. foliicola Sacc.**, Syll. fung. (Abellini) 3: 355 (1884). Anamorphic *Botryosphaeria*. On leaves of *J. communis*; on twigs of *J. sabina*; West Europe (Oudemans, 1919).

641. **Diplodia kansensis Ellis & Everh.**, Proc. Acad. Nat. Sci. Philad.: 363 (1894). Homotypic syn.: *Metadiplodia kansensis* (Ellis & Everh.) Zambett. (1955). Anamorphic *Botryosphaeria*. On twigs of *Juniperus* sp.; Europe, North America (Petrač's Lists 3).

642. **Diplodia pyrenophora (Sacc.) Crous & M.E. Palm**, Sydowia 51(2): 170 (1999). Bas.: *Dothiorella pyrenophora* Sacc. (1880). Anamorphic *Botryosphaeria*. On galbuli of *J. seravschanica*; Europe, Kazakhstan (Byzova et al., 1968).

643. **Diplodia thujae Westend.**, Bull. Soc. R. Bot. Belg. Ser. 2 (12): 10 (1857). Homotypic syn.: *Metadiplodia thujae* (Westend.) Zambett. (1955). Anamorphic *Botryosphaeria*. On bark of *J. sabina*; Crimea (Morochkov's'kyi et al., 1971).

644. **Diplodia thyoidea Cooke & Ellis**, Grevillea 5: 32 (1876). Anamorphic *Botryosphaeria*. On twigs of *J. communis*, *J. virginiana*; North America (Oudemans, 1919).

645. **Diplodia virginiana Cooke & Ravenel**, Fungi Amer.: 151. Anamorphic *Botryosphaeria*. On twigs of *J. silicicola*, *J. virginiana*; North America (Farr et al., 1989).

646. **Discosia strobilina Lib.**, Pl. Crypt. Ard. Exs. 346 (1837). Anamorphic Ascomycetes. On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

647. **Discosia sp.** On dead leaves and small twigs of *J. communis*; North America (Farr et al., 1989).

648. **Epicoccum purpurascens Ehrenb.**, Flora Berolinensis: 136 (1818). Homotypic syn.: *Epicoccum nigrum* Link (1815). Syn.: *Toruloidea tobaica* Svilv. (1936). Anamorphic Ascomycetes. On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

649. **Epicoccum scabrum Corda**, Weitenweber's Beitrage zur Nat.: 87 (1837). Anamorphic Ascomycetes. On roots, butts, and trunks of *J. communis*, *Juniperus* spp.; Europe, North America (Oudemans, 1919).

650. **Excipularia fusispora (Berk. & Broome) Sacc.**, Syll. fung. (Abellini) 3: 689 (1884). Bas.: *Excipula fusispora* Berk. & Broome (1859). Syn.: *Scoliosporium fusarioides* (Sacc.) B. Sutton (1975). Anamorphic Ascomycetes. On dead bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

651. **Exophiala mansonii (Castell.) de Hoog**, Stud. Mycol. 15: 114 (1977). Bas.: *Microsporium mansonii* Castell. (1905). Syn.: *Aureobasidium mansonii* (Castell.) W.B. Cooke (1962); *Cladosporium mansonii* (Castell.) Castell. & Chalm. (1919); *Dematium mansonii* (Castell.) C.W. Dodge (1935); *Foxia mansonii* (Castell.) Castell. (1908); *Malassezia mansonii* (Castell.) Verdun (1913); *Pullularia mansonii* (Castell.) Borelli (1960); *Rhinochadiella mansonii* (Castell.) Schol-Schwarz (1968); *Sporotrichum mansonii* (Castell.) Toro 'mansoni' (1932); *Torula mansonii* (Castell.) Vuill. (1929); *Wangiella mansonii* (Castell.) McGinnis ex Bievre & Mariat (1979). Anamorphic *Capronia*. Isolated from living tissue of *J. communis*; the Alps (Petri, 1984).

652. **Exophiala pisciphila McGinnis & Ajello** 'pisciphilus', *Mycologia* 66(3): 518 (1974). Anamorphic *Capronia*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).
653. **Fusarium avenaceum (Corda) Sacc.**, Syll. fung. (Abellini) 4: 713 (1886). Sanct. author: Fr. Anamorphic *Gibberella avenacea* R.J. Cook (1967). Isolated from roots and leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
654. **Fusarium gibbosum Appel & Wollenw.**, Arb. Kais. Biol. Anst. Land-Forstwirtschaft (Berlin-Dahlem) 8: 185 (1910) emend. Bilai, *Fusarii*: 261 (1955). Syn.: *Fusarium roseum* var. *gibbosum* (Appel & Wollenw.) Messiaen & R. Cass. (1988). Anamorphic *Gibberella intricans* Wollenw., Z. Parasitenk. 3: 332 (1931). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
655. **Fusarium heterosporum Nees**, Nova Acta Acad. Caesar. Leop. Carol. 9: 235 (1818). Sanct. author: Fr. Syn.: *Fusarium reticulatum* Mont. (1843). Anamorphic *Gibberella gordonii* C. Booth, The genus *Fusarium*: 176 (1971). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).
656. **Fusarium merismoides Corda**, Icon. fung. (Abellini) 2: 4 (1838). Syn.: *Fusarium rimosum* (Peck) Sacc. (1886). Anamorphic *Gibberella*. Isolated from roots and leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
657. **Fusarium oxysporum Schlecht.**, Flora Berol., 2 (Crypt.) 2: 139 (1824) emend. Snyder & Hansen, Amer. J. Bot. 27: 64 (1940). Syn.: *Fusarium bulbigenum* Cooke & Massee (1887). Anamorphic *Gibberella*. On roots of *J. virginiana* — causing a root rot; North America (Farr et al., 1989). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
658. **Fusarium sambucinum Fuckel**, Symbolae mycologicae: 167 (1869). Anamorphic *Gibberella pulicaris* Fr. : Sacc., *Michelia* 1(no. 1): 43 (1877). Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
659. **Fusarium semitectum Berk. & Ravenel**, *Grevillea* 3: 98 (1875). Syn.: *Fusarium incarnatum* (Desm.) Sacc. (1886); *Pseudofusarium semitectum* (Berk. & Ravenel) Matsush. (1975). Anamorphic *Gibberella*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
660. **Geniculosporium serpens Chesters & Greenh.**, Trans. Br. Mycol. Soc. 47(3): 400 (1964). Anamorphic *Nemania*: *Nemania serpens* (Pers.) Gray (1821). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).
661. **Geotrichum candidum Link**, Magazin Ges. Naturf. Freunde (Berlin) 3: 17 (1809). Sanct. author: Fr. Anamorphic *Dipodascus*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
662. **Gliocladium penicillioides Corda**, Icon. fung. (Abellini) 4: 31 (1840). Anamorphic *Sphaerostilbella*. On dead bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
663. **Gliocladium roseum Bainier**, Bull. Soc. Mycol. Fr. 23: 111 (1907). Syn.: *Clonostachys rosea* (Link) Schroers, Samuels, Seifert & W. Gams (1999); *G. aureum* Rader (1948); *G. verticilloides* Pido. (1932); *G. salmonicolor* Ralillo (1928); *Penicillium roseum* Link (1816). Anamorphic *Sphaerostilbella*. Isolated from roots and leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
664. **Gliocladium vermoeseni (Biourge) Thom** 'vermoeseni', The penicillia: 502 (1930). Bas.: *Penicillium vermoeseni* Biourge (1923). Anamorphic *Sphaerostilbella*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).
665. **Gliomastix murorum (Corda) S. Hughes**, Can. J. Bot. 36: 769 (1958). Bas.: *Torula murorum* Corda (1838). Syn.: *Acremonium murorum* var. *murorum* (Corda) W. Gams (1971); *Gliomastix murorum* (Corda) S. Hughes (1958); *Sagrahamala murorum* (Corda) Subram. (1972).

Anamorphic Hypocreales. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

666. **Harknessia thujana Ellis & Everh.**, Proc. Acad. Nat. Sci. Philad.: 459 (1893). Anamorphic *Wuestneia*. On leaves of *J. virginiana*; North America (Farr et al., 1989).

667. **Helicosporium sp.** On old decaying leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

668. **Hendersonia notha Sacc. & Briard** in Saccardo, Syll. fung. (Abellini) 3: 430 (1884). Anamorphic *Didymella*. On leaves of *J. communis*; West Europe (Oudemans, 1919).

669. **Hormonema dematioides Lagerb. & Melin**, Svensk Skogsvårdsforening Tidskr., Häfte 4: 219 (1927). Anamorphic *Sydowia polyspora* (Bref. & Tavel) E. Müll., Sydowia 7: 342 (1953). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

670. **Hormonema sp.** Isolated from living tissue of *J. occidentalis*; North America (Farr et al., 1989).

671. **Hyphosoma piceae (Funck) S. Hughes**, Can. J. Bot. 36: 780 (1958). Anamorphic Ascomycetes. On leaves and small twigs of *J. occidentalis*; North America (Farr et al., 1989).

672. **Kabatina thujae R. Schneid. & Arx var. juniperi (R. Schneid. & Arx) M. Morelet**, Bulletin de la Societe des Sciences naturelles et d'Archeologie de Toulon et du Var 204: 8 (1973). Bas.: *Kabatina juniperi* R. Schneid. & Arx (1966). Anamorphic Ascomycetes. On leaves and small twigs of *J. chinensis*, *J. communis*; West Europe (Index of Fungi 3). On small twigs of *J. virginiana* — causing a disease; North America (Farr et al., 1989). On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

673. **Lecythophora hoffmannii (J.F.H. Beyma) W. Gams & McGinnis**, Mycologia 75(6): 985 (1983). Bas.: *Margarinomyces hoffmannii* J.F.H. Beyma (1940). Syn.: *Phialophora hoffmannii* (J.F.H. Beyma) Schol-Schwarz (1970). Anamorphic Ascomycetes. As *Phialophora hoffmannii* on leaves of *J. occidentalis*; North America (Farr et al., 1989).

674. **Leptodontidium camptobactrum (de Hoog) de Hoog**, Taxon 28(4): 348 (1979). Syn.: *Leptodontium camptobactrum* de Hoog (1977). Anamorphic Ascomycetes. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

675. **Leptostroma sp.** On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

676. **Leptothyrium sp.** On twigs of *J. virginiana*; North America (Farr et al., 1989).

677. **Ligniella sharifii Esfand.**, Sydowia 4: 27 (1950). Anamorphic *Apiognomonina*. On leaves and small twigs of *J. polycarpa*; Asia (Index of Fungi 2).

678. **Macrophoma sp.** On bark of *J. virginiana*; North America (Farr et al., 1989).

679. **Macrophomina phaseolina (Tassi) Goid.**, Annali Sper. Agr., N.S. 1(3): 457 (1947). Bas.: *Macrophoma phaseolina* Tassi (1901). Syn.: *Botryodiplodia phaseoli* (Maubl.) Thirum. (1953); *Dothiorella cajani* Syd., P. Syd. & E.J. Butler (1925); *Fusicoccum cajani* (Syd., P. Syd. & E.J. Butler) Samuels & B.B. Singh (1986); *Macrophoma cajani* Syd., P. Syd. & E.J. Butler (1916); *Macrophoma corchori* Sawada (1916); *Macrophoma phaseoli* Maubl. (1905); *Macrophoma phaseolina* Tassi (1901); *Macrophoma sesami* Sawada (1922); *Macrophomina phaseoli* (Maubl.) S.F. Ashby (1927); *Macrophomina philippinensis* Petr. (1923); *Tiarosporella phaseolina* (Tassi) Aa (1981). Anamorphic Ascomycetes. On roots of *J. virginiana* — causing a root rot; North America (Farr et al., 1989).

680. **Matsushimaea fasciculata (Matsush.) Subram.**, Kavaka 5: 96 (1978) [1977]. Bas.: *Torula fasciculata* Matsush. (1975). Anamorphic Ascomycetes. On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

681. **Melanconium atrum Link**, Magazin Ges. Naturf. Freunde (Berlin) 3: 9 (1809). Anamorphic *Melanconis*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

682. **Microdiplodia cupressina (Cooke) Tassi**, Bull. Torrey. Bot. Club: 9 (1901). Anamorphic Ascomycetes. On bark of *J. virginiana*; North America (Farr et al., 1989).

683. **Microsphaeropsis olivacea (Bonord.) Höhn.** 'olivaceus', Hedwigia 59: 267 (1917). Bas.: *Coniothyrium olivaceum* Bonord. in Fuckel (1869). Anamorphic *Paraphaeosphaeria*. On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

684. **Monilia brunnea J.C. Gilman & E.V. Abbott,** J. Agric. Res. 66: 142 (1943). Anamorphic *Monilinia*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

685. **Monilia pruinosa Cooke & Massee,** Grevillea, 16: 78 (1887). Anamorphic *Monilinia*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

686. **Monodictys castaneae (Wallr.) S. Hughes,** Can. J. Bot. 36: 785 (1958). Bas.: *Hyphelia castaneae* Wallr. 'castanea' (1833). Syn.: *Acrospeira macrosporoidea* (Berk. & Broome) Wiltshire (1937); *Epochium macrosporoideum* Berk. & Broome (1838); *Stemphylium macrosporoideum* (Berk. & Broome) Sacc. (1886). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

687. **Monodictys lepraria (Berk.) M.B. Ellis,** More dematiaceous Hyphomycetes (Kew): 44 (1976). Bas.: *Sporidesmium lepraria* Berk. (1853). Anamorphic Dothideales. On bark and leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

688. **Monodictys levis (Wiltshire) S. Hughes,** Can. J. Bot. 36: 785 (1958). Bas.: *Acrospeira levis* Wiltshire (1938). Anamorphic Dothideales. On dead twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

689. **Monodictys putredinis (Wallr.) S. Hughes,** Can. J. Bot. 36: 785 (1958). Bas.: *Melanconium putredinis* Wallr. (1833). Syn.: *Piricauda putredinis* (Wallr.) R.T. Moore (1959). Anamorphic Dothideales. On dead wood and bark of *J. sibirica*; Kazakhstan (Shvartsman et al., 1975).

690. **Mycoleptodiscus sp.** On leaves of *J. virginiana* — causing a disease; North America (Farr et al., 1989).

691. **Myrothecium roridum Tode,** Fung. mecklenb. sel. (Lüneburg) 1: 25 (1790). Sanct. author: Fr. Syn.: *Myrothecium advena* Sacc. (1908). Anamorphic Hypocreales. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

692. **Myxormia sp.** On leaves of *J. occidentalis*; North America (Farr et al., 1989).

693. **Nigrospora oryzae (Berk. & Broome) Petch,** J. Indian Bot. Soc. 4: 24 (1924). Bas.: *Monotospora oryzae* Berk. & Broome (1873). Syn.: *Basisporium gallarum* Molliard (1902); *Nigrospora gossypii* Jacz. (1929); *Nigrospora sphaerica* (Sacc.) E.W. Mason (1927); *Trichosporum sphaericum* Sacc. (1882). Anamorphic *Khuskia oryzae* H.J. Huds., Trans. Br. Mycol. Soc. 46: 358 (1963). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

694. **Oedocephalum globuliferum Brefeld.,** Untersuch. Gesamt. Mycol., 8: 149 (1889). Anamorphic Pezizales. On butts of *Juniperus* spp.; Kazakhstan (Shvartsman et al., 1973).

695. **Oedocephalum glomerulosum (Bull.) Sacc.,** Linnaea 24: 131 (1851). Sanct. author: Fr. Bas.: *Mucor glomerulosus* Bull. (1791). Anamorphic Pezizales. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

696. **Oedocephalum state of Peziza vesiculosa Bull.,** Champ. 2: 270 (1789). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

697. **Oidiodendron echinulatum G.L. Barron** 'enchinulatum', Can. J. Bot. 40: 595 (1962). Anamorphic *Byssosascus*. On dead bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

698. **Oidiodendron tenuissimum (Peck) S. Hughes,** Can. J. Bot. 36: 790 (1958). Bas.: *Periconia tenuissima* Peck (1894). Syn.: *Oidiodendron fuscum* Robak in Nyt (1932). Anamorphic *Byssosascus*. On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

699. **Ojibwaya perpulchra B. Sutton**, Mycol. Pap. 132: 83 (1973). Anamorphic Ascomycetes. On small twigs of *Juniperus* sp.; North America (Index of Fungi 4). On small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

700. **Paecilomyces carneus (Duche & R. Heim) A.H.S. Br. & G. Sm.**, Trans. Br. Mycol. Soc. 40: 70 (1957). Bas.: *Spicaria carnea* Duche & R. Heim (1931). Anamorphic *Byssoschlamys*. Isolated from roots and leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

701. **Paecilomyces marquandii (Masse) S. Hughes**, Mycol. Pap. 45: 30 (1951). Bas.: *Verticillium marquandi* Masse (1897). Syn.: *Spicaria violacea* E.V. Abbott (1926). Anamorphic *Byssoschlamys*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

702. **Paecilomyces variotii Bainier**, Bull. Soc. Mycol. Fr. 23(1): 27 (1907). Homotypic syn.: *Penicillium variotii* (Bainier) Sacc. (1913). Syn.: *Spicaria divaricata* (Thom) J.C. Gilman & E.V. Abbot (1929). Anamorphic *Byssoschlamys*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

703. **Penicillium atramentosum Thom**, Bulletin of the U. S. Department of Agriculture, Bureau Animal Industry 118: 65 (1910). Anamorphic *Eupenicillium*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

704. **Penicillium decumbens Thom**, Bulletin of the U. S. Department of Agriculture, Bureau Animal Industry 181: 71 (1910). Syn.: *P. chermesinum* Biourge (1923); *P. arabicum* Baghd. (1968); *P. glaucolanosum* Chalab. (1950); *P. meridianum* D.B. Scott (1968). Anamorphic *Eupenicillium*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

705. **Penicillium fuscum (Sopp) Raper & Thom**, Manual of the penicillia: 226 (1949). Bas.: *Citromyces fuscus* Sopp (1912). Anamorphic *Eupenicillium*. On dead bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

706. **Penicillium roqueforti Thom**, Bulletin of the U. S. Department of Agriculture, Bureau Animal Industry 82: 35–36 (1906). Anamorphic *Eupenicillium*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

707. **Penicillium spinulosum Thom**, Bulletin of the U. S. Department of Agriculture, Bureau Animal Industry 118: 76 (1910). Syn.: *P. trzebinskii* K.M. Zalesky (1927); *P. spinuloramigenum* Y. Sasaki 'spinulo-ramigenum' (1946); *P. abeanum* G. Sm. (1963). Anamorphic *Eupenicillium*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

708. **Penicillium terlikowskii K.M. Zalesky**, Bulletin Acad. Polonaise Sci., Math. et Nat., Ser. B: 203 (1927). Syn.: *Penicillium glabrum* (Wehmer) Westling (1911); *P. frequentans* Westling (1912). Anamorphic *Eupenicillium*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

709. **Penicillium thomii Maire**, Bulletin Soc. d'Hist. Nat. de l'Afrique du Nord 8: 189–192 (1917). Homotypic syn.: *Penicillium lividum* var. *thomii* (Maire) Stolk & Samson in Samson & Pitt (1986). Anamorphic *Eupenicillium*. On fallen leaves and isolated from roots *J. communis*; Eastern Europe (Belomesyatseva, 2004).

710. **Penicillium velutinum J.F.H. Beyma**, Zentbl. Bakt. ParasitKde, Abt. II 91: 352 (1935). Syn.: *Penicillium pinetorum* M. Chr. & Backus (1962). Anamorphic *Eupenicillium*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

711. **Penicillium waksmanii K.M. Zalesky**, Bulletin Acad. Polonaise Sci., Math. et Nat., Ser. B: 468 (1927). Anamorphic *Eupenicillium*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

712. **Pestalotia funerea Desm. f. conigena (Lév.) Grove**, Brit. Stem. Leaf. Fungi 2: 348 (1937). Bas.: *Pestalotia conigena* Lév. (1846). Anamorphic *Broomella*. On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

713. **Pestalotia sabiniae Fautrey**, Revue Mycol. (Toulouse) 13: 10 (1891). Anamorphic *Broomella*. On bark of twigs of *J. sabinia*; Europe (Saccardo's Syll. fung. X; XII).

714. **Pestalotiopsis foedans (Sacc. & Ellis) Steyaert**, Bulletin Jard. Bot. de l'Etat Bruxelles 14: 329 (1949). Bas.: *Pestalotia foedans* Sacc. & Ellis (1882). Anamorphic *Pestalosphaeria*. On leaves and small twigs of *J. chinensis*; Japan (Suto, Kobayashi, 1993).

715. **Pestalotiopsis funerea (Desm.) Steyaert**, Bulletin Jard. Bot. de l'Etat Bruxelles 19(3): 340 (1949). Bas.: *Pestalotia funerea* Desm. (1843). Anamorphic *Pestalosphaeria*. On leaves of *J. chinensis*, *J. communis*, *J. depeana* var. *pachyphloea*, *J. excelsa*, *J. horizontalis*, *J. scopulorum*, *J. virginiana* — causing a disease and leaves abscission; North America (Farr et al., 1989).

716. **Pestalotiopsis glandicola (Castagne) Steyaert**, Bulletin Jard. Bot. de l'Etat Bruxelles 19: 330 (1949). Bas.: *Robillarda glandicola* Castagne (1845). Syn.: *Pestalotia glandicola* (Castagne) Guba (1929); *Pestalotia scirrofaciens* N.A. Br.; *Pestalotiopsis scirrofaciens* (N.A. Br.) Y.X. Chen (1993). Anamorphic *Pestalosphaeria*. On leaves and small twigs of *J. chinensis*; Japan (Suto, Kobayashi, 1993).

717. **Pestalotiopsis neglecta (Thüm.) Steyaert**, Trans. Br. Mycol. Soc. 36(2): 83 (1953). Bas.: *Pestalotia neglecta* Thum. (1880). Anamorphic *Pestalosphaeria*. On leaves and small twigs of *J. chinensis*; Japan (Suto, Kobayashi, 1993).

718. **Pestalotiopsis stevensonii (Peck) Nag Raj**, Coelomycetous anamorphs with appendage-bearing conidia (Ontario): 655 (1993). Bas.: *Pestalotia stevensonii* Peck (1877). Syn.: *P. strobilicola* Spegazzini (1879). Anamorphic *Pestalosphaeria*. On leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

719. **Petrakomyces gallicus M. Morelet**, Annales de la Societe des Sciences Naturelles et d'Archeologie de Toulon et du Var 190: 5 (1970). Homotypic syn.: *Mucosetospora gallica* (M. Morelet) M. Morelet (1972). Anamorphic Ascomycetes. On dead leaves and small twigs of *J. communis*; Europe (Index of Fungi 4).

720. **Phialophora decumbens (J.F.H. Beyma) Schol-Schwarz**, Persoonia 6(1): 80 (1970). Bas.: *Margarinomyces decumbens* J.F.H. Beyma (1939). Anamorphic Ascomycetes. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984). On leaves of *J. occidentalis*; North America (Farr et al., 1989).

721. **Phialophora lignicola (Nannf.) Goid.**, Boll. R. Staz. Patalog. Veget. Roma, N.S. 17: 383, 390 (1937). Bas.: *Lecythophora lignicola* Nannf. (1934). Anamorphic Ascomycetes. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

722. **Phloeospora padi (Lib.) Arx**, Phytopath. Z. 42 (2): 165 (1961). Bas.: *Ascochyta padi* Lib. (1832). Anamorphic *Blumeriella jaapii* (Rehm) Arx, Phytopath. Z. 42 (2): 164 (1961). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

723. **Phoma cava Schulzer**, Verh. Zool.-Bot. Ges. Wein 21: 1248 (1871). Syn.: *Phoma aposphaerioides* Briard & Har. (1890). Anamorphic *Leptosphaeria*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

724. **Phoma fimeti Brunaud**, Bull. Soc. Bot. Fr. 36: 338 (1889). Anamorphic *Leptosphaeria*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

725. **Phoma galbulorum Sacc. & Therry**, Michelia 2(no. 8): 617 (1882). Anamorphic *Leptosphaeria*. On twigs of *J. sabina*; Europe (Oudemans, 1919).

726. **Phoma glomerata (Corda) Wollenw. & Hochapfel**, Z. ParasitKde 3(5): 592 (1936). Bas.: *Coniothyrium glomeratum* Corda (1840). Syn.: *Aposphaeria fibricola* Pass. & Beltr.; *A. glomerata* (Corda) Sacc. (1884); *Peyronellaea glomerata* (Corda) Goid. ex Togliani (1952); *Phoma alternariaceum* F.T. Brooks & Searle (1921). Anamorphic *Leptosphaeria*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984). On wood of *J. depeana* var. *pachyphloea*; North America (Farr et al., 1989). On small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

727. **Phoma herbarum** Cooke, Bulletin de la Societe Roy. Acad. Belgique, Cl. Sci. 19(3): 118 (1852). Anamorphic *Leptosphaeria*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

728. **Phoma juniperi** (Desm.) Sacc., Syll. fung. (Abellini) 3: 101 (1884). Bas.: *Sphaeropsis juniperi* Desm. (1856). Anamorphic *Leptosphaeria*. On leaves of *Juniperus* spp.; West Europe (Saccardo's Syll. fung. III; XII). On leaves and small twigs of *J. sabina*; Crimea (Morochkovs'kyi et al., 1971).

729. **Phoma juniperina** Naumov, Bull. Soc. Oural. Amis Sc. Nat. 35: 29 (1915). Anamorphic *Leptosphaeria*. On dead leaves of *J. communis*; Ural (Saccardo's Syll. fung. XXV).

730. **Phoma juniperina** S. Ahmad, Monogr. Biol. Soc. Pakistan 5: 64 (1969). Anamorphic *Leptosphaeria*. On dead twigs of *J. macropoda*; Asia (Index of Fungi 3).

731. **Phoma leveillei** Boerema & G.J. Bollen, Persoonia 8(2): 115 (1975). Syn.: *Vermicularia acicola* Lév. (1848); *Pyrenochaeta acicola* (Lév.) Sacc. (1884). Anamorphic *Leptosphaeria*. Isolated from living tissue of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

732. **Phoma libertiana** Speg. & Roum., Melichia 2(no. 7): 338 (1881). Anamorphic *Leptosphaeria*. On bark of *J. communis* branches; West Europe (Oudemans, 1919).

733. **Phoma macrostoma** Mont., Ann. Sci. Nat., Bot., Ser. III 3: 52 (1849). Anamorphic *Leptosphaeria*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

734. **Phoma pomorum** Thum., Fungi pomicoli: 105 (1879). Syn.: *Depazea prunicola* Opiz (1852); *Peyronellaea prunicola* (Opiz ex Sacc.) Goid. (1946); *Phoma prunicola* (Opiz ex Sacc.) Wollenw. & Hochapfel (1936); *Phoma pruni-japonicae* P. Syd. (1926); *Phyllosticta prunicola* Opiz ex Sacc. (1878); *Phyllosticta pyrina* Sacc. (1878). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

735. **Phoma spinarum** Died., Kryptogamenflora der Mark Brandenburg (Leipzig) 9: 148 (1912). Syn.: *Phyllosticta spinarum* (Died.) Nag Raj & M. Morelet (1978). Anamorphic *Leptosphaeria*. On dead leaves of *J. communis*; West Europe (Saccardo's Syll. fung. XXV).

736. **Phoma terrestris** R.K. Saksena, Nand & A.K. Sarbhoy, Mycopath. Mycol. Appl. 29(1-2): 86 (1966). Anamorphic *Leptosphaeria*. Isolated from roots of *J. occidentalis*; North America (Farr et al., 1989).

737. **Phomopsis juniperivora** G. Hahn 'juniperovora', Phytopathology 10: 249 (1920). Anamorphic *Diaporthe*. On leaves and small twigs of *J. virginiana*; Crimea (Morochkovs'kyi et al., 1971). On living leaves and twigs of *J. chinensis*, *J. communis*, *J. depeana* var. *pachyphloea*, *J. excelsa*, *J. horizontalis*, *J. sabina*, *J. scopulorum*, *J. virginiana* — causing withering of nurselings; North America (Farr et al., 1989). On bark of *J. communis* twigs; Eastern Europe (Belomesyatseva, 2004).

738. **Phomopsis inconstans** (Sacc.) Died., Kryptogamenflora der Mark Brandenburg (Leipzig) 9: 257 (1912). Bas.: *Phoma inconstans* Sacc. (1897). Anamorphic *Diaporthe*. On dead twigs and branches of *J. communis* subsp. *nana*; West Europe (Oudemans, 1919). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

739. **Phomopsis occulta** (Sacc.) Traverso, Flora Italica Cryptogama, Pars 1: Fungi. 2(1): 221 (1906). Bas.: *Phoma occulta* Sacc. (1884), non Desm. (1841). Anamorphic *Diaporthe*. On twigs of *J. chinensis*, *J. excelsa*, *J. sabina*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

740. **Phyllosticta** sp. On twigs of *J. virginiana* — causing a disease; North America (Farr et al., 1989).

741. **Phymatotrichopsis omnivora** (Duggar) Hennebert, Ann. Mo. Bot. Gard. 5(3): 22 (1916). Bas.: *Phymatotrichum omnivorum* Duggar (1916). Syn.: *Grandiniella omnivora* (Shear) Burds. (1977); *Hydnum omnivorum* Shear (1925); *Ozonium auricomum* Link 'auricomum' (1809); *Ozonium omnivorum* Shear (1907); *Phanerochaete omnivora* (Shear) Burds. & Nakasone 'om-

nivorum' (1978). Anamorphic Basidiomycota. On roots of *J. chinensis*, *J. communis*, *J. deppeana* var. *pachyphloea*, *J. horizontalis*, *J. scopulorum*, *J. virginiana* — causing a root rot; North America (Farr et al., 1989).

742. **Pleurophoma pleurospora (Sacc.) Höhn.**, Sitzungsber. K. Akad. Wiss. Wien, Math.-nat. Kl. I 123: 117 (1914). Bas.: *Dendrophoma pleurospora* Sacc. (1884). Anamorphic Ascomycetes. On small twigs *J. communis*; Eastern Europe (Belomesyatseva, 2004).

743. **Pseudocercospora juniperi (Ellis & Everh.) B. Sutton & Hodges**, Mycologia 82 (3): 319 (1990). Bas.: *Cercospora sequoiae* var. *juniperi* Ellis & Everh. (1887). Anamorphic *Mycosphaerella*. As *Cercospora sequoiae* var. *juniperi* on green leaves of *J. communis*, *J. communis* var. *depressa*, *J. virginiana* — causing disease and leaves abscission; North America (Farr et al., 1989).

744. **Ramichloridium anceps (Sacc. & Ellis) de Hoog**, Stud. Mycol. 15: 59 (1977). Bas.: *Sporotrichum anceps* Sacc. & Ellis in Saccardo (1882). Syn.: *Rhinocladiella anceps* (Sacc. & Ellis) S. Hughes (1958); *Veronaea parvispora* M.B. Ellis (1976). Anamorphic Ascomycetes. On dead leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

745. **Ramichloridium carlinae (M.B. Ellis) de Hoog**, Stud. Mycol. 15: 85 (1977). Bas.: *Veronaea carlinae* M.B. Ellis (1976). Anamorphic Ascomycetes. On dead leaves and small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

746. **Ramichloridium subulatum de Hoog**, Stud. Mycol. 15: 83 (1977). Syn.: *Rhino-cladiella elatior* F. Mangelot (1968). Anamorphic Ascomycetes. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984). On dead bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

747. **Rhinocladiella ellisii D. Hawksw.** in Hawksworth & Riedl, Taxon 26(2–3): 208 (1977). Syn.: *Cladosporium cellare* (Pers.) Schanderl (1936); *Racodium cellare* Pers. (1801); *Rhino-cladiella cellaris* (Pers.) M.B. Ellis (1971); *Zasmidium cellare* (Pers.) Fr. (1849). Anamorphic *Capronia*. As *Zasmidium cellare* isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

748. **Rhizoctonia juniperi Lihnell**, Symb. Bot. Upsal. 3(3): 102 (1939). Anamorphic *Ceratobasidium*. On roots of *J. communis*; West Europe (Petrač's Lists Supplement).

749. **Rhizoctonia solani J.G. Kühn**, Krankh. Kulturgew.: 224 (1858). Anamorphic *Thanatephorus cucumeris* (A.B. Frank) Donk, Reinwardtia 3: 376 (1956). On living leaves of *J. scopulorum*, *J. virginiana* — causing a disease and leaves abscission; North America (Farr et al., 1989).

750. **Rutola graminis (Desm.) J.L. Crane & Schokn.**, Can. J. Bot. 55(24): 3015 (1978). Bas.: *Torula graminis* Desm. (1826). Anamorphic Ascomycetes. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

751. **Schizothyrella juniperi Siemaszko**, Acta Soc. Bot. Polon. 2: 5 (1925). Anamorphic Ascomycetes. On leaves of *J. communis* subsp. *nana*; Eastern Europe (Petrač's Lists 3).

752. **Sclerophoma pityophila (Corda) Höhn.**, Sitzungsber. K. Akad. Wiss. Wien, Math.-nat. Kl. I 118: 1234 (1909). Bas.: *Sphaeronaema pityophilum* Corda (1840). Syn.: *Phoma pityophila* (Corda) Sacc. (1884); *Sclerotiopsis pityophila* (Corda) Oudem. (1897); *Sphaeropsis acicola* Lév. (1881). Anamorphic *Sydowia polyspora* (Bref. & Tavel) E. Müll., Sydowia 7: 342 (1953). On twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004). On living leaves and twigs of *J. chinensis*, *J. horizontalis*, *J. oxycedrus (glauca)*, *J. sabina*, *J. virginiana* — causing a disease; North America (Farr et al., 1989).

753. **Seimatosporium foliicola (Berk.) Shoemaker**, Can. J. Bot. 42: 416 (1964). Bas.: *Podisoma foliicola* Berk. (1836). Syn.: *Pestalotia juniperi* Rostr. (1895); *Monochaetia juniperi* (Rostr.) Sacc. (1906); *Sarcostroma foliicola* (Berk.) M. Morelet (1985); *Sarcostroma foliicola* (Berk.) Nag Raj (1993). Anamorphic *Discostroma*. As *Monochaetia juniperi* on leaves of *J. communis* (Saccardo's

Syll. fung. XVIII). On leaves of *J. communis*; West Europe (Sutton, 1980). On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

754. **Seimatosporium lichenicola (Corda) Shoemaker & E. Müll.**, Can. J. Bot. 42: 405 (1964). Bas.: *Sporocadus lichenicola* Corda (1839). Syn.: *Hendersonia lichenicola* Corda (1849); *Coryneum microstictum* Berk. et Br. (1850); *Monochaetia excipuliformis* Bubák (1906); *Stilbospora microsticta* (Berk. et Broome) Höhn. (1930); *Coryneopsis microsticta* (Berk. et Broome) Grove (1932). Anamorphic *Discostroma corticola* (Fuckel) Brockm. (1976). On bark of *J. communis*; Europe (Sutton, 1980; Belomesyatseva, 2004).

755. **Seimatosporium rosae Corda**, Syst. Mycol. 3(13): 79 (1833). Anamorphic *Discostroma*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

756. **Seiridium cardinale (W.W. Wagener) B. Sutton & I.A.S. Gibson**, Bull. Fan Mem. Inst. Biol., Bot. 326: 33 (1972). Bas.: *Coryneum cardinale* W.W. Wagener (1939). Anamorphic *Lepteutypa*. On trunk of *J. chinensis*, *J. sabina* — causing a canker; North America (Farr et al., 1989).

757. **Seiridium juniperi (Allesch.) B. Sutton**, Mycol. Pap. 138: 125 (1975). Bas.: *Pestalotia juniperi* Allesch. (1892). Syn.: *Coryneum juniperi* (Allesch.) Allesch. (1902). Anamorphic *Lepteutypa*. As *Coryneum juniperi* On bark of *J. communis* (Saccardo's Syll. fung. XVIII). On galls caused by *Podisoma clavariiforme* on *J. communis*; West Europe (Sutton, 1980). On bark of *J. communis* branches; Eastern Europe (Belomesyatseva, 2004).

758. **Seiridium unicorn (Cooke & Ellis) B. Sutton**, Mycol. Pap. 138: 74 (1975). Bas.: *Pestalotia unicornis* Cooke & Ellis (1878). Anamorphic *Lepteutypa cupressi* (Natrass, C. Booth & B. Sutton) H.J. Swart, Trans. Br. Mycol. Soc. 61(1): 79 (1973). On and from *J. procera* (Sutton, 1980). On trunk of *J. virginiana* — causing a canker; North America (Farr et al., 1989).

759. **Septogloeum sp.** On twigs of *J. communis*; North America (Farr et al., 1989).

760. **Septonema harknessii (Ellis) S. Hughes**, Can. J. Bot. 31: 585 (1953). Bas.: *Dendryphion harknessii* Ellis (1886). Anamorphic Dothideales. On leaves of *J. virginiana*; North America (Subramanian, 1971).

761. **Septoria sabina (Sacc. & Fautrey) Andrian.**, Vyvchennya riznomanitnosti mikrobioty Ukariny (Kyiv): 86 (1999). Bas.: *Rhabdospora sabina* Sacc. & Fautrey (1898). Anamorphic *Mycosphaerella*. On dead twigs and branches of *J. excelsa*; Crimea (Morochkovs'kyi et al., 1971). On dead small twigs *J. sabina*; West Europe (Oudemans, 1919).

762. **Sesquicillium candelabrum (Bonord.) W. Gams**, Acta Bot. Neerl. 17(6): 457 (1968). Bas.: *Verticillium candelabrum* Bonord. (1851). Anamorphic Ascomycetes. As *Verticillium candelabrum* isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

763. **Sirodothis sp.** Isolated from living tissue of *J. occidentalis*; North America (Farr et al., 1989).

764. **Sphaeridium candidum Fuckel**, Jb. Nassau. Ver. Naturk. 23–24: 299 (1870) [1869]. Anamorphic Ascomycetes. On fallen leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

765. **Sphaeropsis sapinea (Fr.) Dyko & B. Sutton** in Sutton, The coelomycetes. Fungi imperfecti with pycnidia, acervuli and stromata (Kew): 120 (1980). Bas.: *Sphaeria sapinea* Fr. (1823). Syn.: *Botryodiplodia pinea* (Desm.) Petr. (1922); *Coniothyrium pinastri* Oudem.; *Diplodia conigena* Desm. (1846); *Diplodia pinastri* Grove (1916); *Diplodia pinea* (Desm.) J. Kickx f. (1867); *Diplodia sapinea* (Fr.) Fuckel (1870); *Granulodiplodia sapinea* (Fr.) M. Morelet & Lanier (1969); *Macrophoma pinea* (Desm.) Petr. & Syd. (1926); *Macrophoma sapinea* (Fr.) Petr. (1927); *Phoma pinastri* (Oudem.) Sacc. (1884); *Pleurothyriella pinastri* (Oudem.) Petr. & Syd. (1926); *Sphaeria pinea* Desm. (1842); *Sphaeropsis pinastri* Cooke & Ellis (1878). Anamorphic Ascomycetes. On bark of *J. communis*, *J. deppeana* var. *pachyphloea*, *J. horizontalis*, *J. scopulorum*, *J. virginiana*; North America (Farr et al., 1989).

766. **Sporidesmium hysterioideum** Cooke & Ellis, *Grevillea* 5: 90 (1876). Anamorphic Ascomycetes. On bark of *J. virginiana* twigs; North America (Farr et al., 1989).

767. **Sporidesmium** sp. On dead wood and bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

768. **Sporoschisma juniperi** Lind & Vleugel, *Svensk Bot. Tidskr.* 2: 388 (1908). Anamorphic *Melanochaeta*. On leaves of *J. communis*; West Europe (Saccardo's Syll. fung. XXII).

769. **Sporothrix schenkii** Hektoen & C.F. Perkins, *Journal of Experimental Medicine* 5: 80 (1900). Syn.: *Rhinocladium schenkii* (Hektoen & C.F. Perkins) Verdun (1913); *Rhino-trichium schenkii* (Hektoen & C.F. Perkins) M. Ota (1927). Anamorphic *Ophiostoma*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

770. **Stachybotrys cylindrospora** C.N. Jensen, *Bull. Cornell Univ. Agric. Exp. Station* 315: 496 (1912). Homotypic syn.: *Stachybotrys atra* var. *cylindrospora* (C.N. Jensen) Rayss & Borut (1958). Anamorphic Ascomycetes. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

771. **Stagonospora pini** Grove, *J. Bot. (London)*: 163 (1885). Anamorphic *Didymella*. On leaves and small twigs of *J. virginiana*; North America (Farr et al., 1989).

772. **Stagonospora samarorum** (Desm.) Boerema, *Persoonia* 6(1): 25 (1970). Bas.: *Phoma samarorum* Desm. (1828). Anamorphic *Didymella*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

773. **Stemphylium juniperinum** P. Karst., *Hedwigia* 31: 295 (1892). Anamorphic *Pleospora*. On leaves of *J. communis*; West Europe (Saccardo's Syll. fung. XI; XII; Oudemans, 1919).

774. **Stemphylium verruculosum** (Zimm.) Sacc., *Syll. fung. (Abellini)* 4: 522 (1886). Bas.: *Macrosporium verruculosum* Zimm. (1878). Anamorphic *Pleospora*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

775. **Stictochorella juniperi** Höhn., *Ber. Deutsch. Bot. Ges.* 35: 253 (1917). Anamorphic *Mycosphaerella*. On leaves and small twigs of *J. communis*; West Europe (Saccardo's Syll. fung. XXV).

776. **Stigmia deflectens** (P. Karst.) M.B. Ellis, *Mycol. Pap.* 72: 63 (1959). Bas.: *Exosporium deflectens* P. Karst. (1888). Anamorphic *Otthia*. As *Exosporium deflectens* on leaves of *J. communis* (Oudemans, 1919). On leaves of *J. communis* and *J. virginiana*; Europe, North America (Ellis, 1976; Farr et al., 1989; Belomesyatseva, 2004).

777. **Stigmia glomerulosa** (Sacc.) S. Hughes, *Can. J. Bot.* 36: 814 (1958). Bas.: *Sporidesmium glomerulosum* Sacc. (1878). Syn.: *Clasterosporium glomerulosum* (Sacc.) Sacc. (1886); *Coryneum juniperinum* Ellis (1882); *Exosporium bethelii* Dearn. 'betheli' (1929); *E. glomerulosum* (Sacc.) Höhn. (1909); *E. juniperinum* (Ellis) Jacz. (1901). Anamorphic *Otthia*. On leaves of *J. communis* and *J. virginiana*; Europe, Asia, North America (Ellis, 1976; Farr et al., 1989; Belomesyatseva, 2004).

778. **Stilbospora quadrisepata** Schwein., *Schr. Naturf. Ges. Leipzig* 1: 40 (1822). Anamorphic Ascomycetes. On bark of *J. sabina*; West Europe, North America (Oudemans, 1919).

779. **Stephanoma strigosum** Wallr., *Flora cryptogamica Germaniae (Nürnberg)* 2: 269 (1833). Anamorphic *Hypomyces*. On bark of *J. sabina*; West Europe (Oudemans, 1919).

780. **Streptothrix** sp. On wood and bark of *J. virginiana*; North America (Farr et al., 1989).

781. **Torula herbarum** (Pers.) Link, *Mag. Ges. Naturf. Freunde (Berlin)* 7: 40 (1815). Bas.: *Torula expansa* Pers. (1822). Anamorphic Ascomycetes. On wood of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

782. **Trichoderma hamatum (Bonord.) Bainier**, Bull. Soc. Mycol. Fr. 22: 131 (1906). Bas.: *Verticillium hamatum* Bonord. (1851). Syn.: *Pachybasium hamatum* (Bonord.) Sacc. (1885); *Phymatotrichum hamatum* (Bonord.) Oudem. (1903). Anamorphic *Hypocrea*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

783. **Trichoderma koningii Oudem.**, Arch. Neerlandaises des sc. exacts et nat.: 291 (1902). Syn.: *Acrostalagmus koningii* (Oudem.) Duche & R. Heim (1931). Anamorphic *Hypocrea*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

784. **Trichoderma polysporum (Link) Rifai**, Mycol. Pap. 116: 18 (1969). Sanct. author: Fr. Bas.: *Sporotrichum polysporum* Link (1816). Syn.: *Sporotrichum sporulosum* (Link) Link (1818); *Trichoderma sporulosum* (Link) S. Hughes (1958). Anamorphic *Hypocrea*. On dead twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

785. **Trichoderma pseudokoningii Rifai**, Mycol. Pap. 116: 45 (1969). Anamorphic *Hypocrea*. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

786. **Trichoderma viride Pers.**, Syn. meth. fung.: 23 (1801). Sanct. author: Fr. Syn.: *Pyrenium lignorum* Tode (1790); *Trichoderma lignorum* (Tode) Harz (1871). Anamorphic *Hypocrea*. On fallen leaves and isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

787. **Trichocladium asperum Harz**, Bot. Unters. Alkoholgahrungspilze 44: 125 (1871). Syn.: *Dicoccum asperum* Sacc. (1886). Anamorphic Ascomycetes. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

788. **Trichothecium roseum (Pers.) Link**, Magazin Ges. Naturf. Freunde (Berlin) 3: 18 (1809). Sanct. author: Fr. Bas.: *Trichoderma roseum* Pers. (1797). Syn.: *Cephalothecium roseum* Corda (1838); *Hyphelia rosea* (Pers.) Fr. (1825). Anamorphic Ascomycetes. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

789. **Trichurus spiralis Hasselbr.**, Bot. Gaz. 29: 321 (1900). Anamorphic Microascaceae. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

790. **Trimmatostroma salicis Corda**, Icon. fung. (Prague) 1: 9 (1837). Syn.: *Melanconium salicis* (Corda) S. Hughes (1958). Anamorphic Ascomycetes. Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

791. **Trimmatostroma scutellare (Berk. & Broome) M.B. Ellis**, More dematiaceous Hyphomycetes (Kew): 28 (1976). Bas.: *Sporidesmium scutellare* Berk. & Broome (1850). Anamorphic Ascomycetes. On small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

792. **Trinacrium subtile Riess** in Fresenius, Beitr. Mykol.: 42 (1850). Anamorphic *Orbilia*. On leaves and twigs of *J. communis*; West Europe (Oudemans, 1919). On dematiaceous mycelium from leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

793. **Triposperrum sp.** On bark of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

794. **Troposporella monospora (W.B. Kendr.) M.B. Ellis**, More demat. Hyphomycetes: 47 (1976). Bas.: *Helicoma monospora* W.B. Kendr. (1958) Syn.: *Slimacomycetes monosporus* (W.B. Kendr.) Minter 'monospora' (1986). Anamorphic Ascomycetes. On dead leaves of *Juniperus* spp.; West Europe (Ellis, 1976).

795. **Truncatella hartigii (Tubeuf) Steyaert**, Bulletin Jard. Bot. de l'Etat Bruxelles 19: 298 (1949). Bas.: *Pestalotia hartigii* Tubeuf (1888). Anamorphic *Broomella*. As *Pestalotia hartigii* Tubeuf on leaves of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

796. **Tubercularia vulgaris Tode**, Fung. mecklenb. sel. (Lüneburg) 1: 18 (1790). Sanct. author: Fr. Anamorphic *Nectria cinnabarina* (Tode) Fr. (1849). On bark of *J. communis* branches; Eastern Europe (Belomesyatseva, 2004).

797. **Ulocladium alternariae (Cooke) E.G. Simmons**, Mycologia 59(1): 82 (1967). Bas.: *Sporidesmium alternariae* Cooke (1871). Syn.: *Stemphylium alternariae* (Cooke) Sacc. (1886).

Anamorphic Pleosporaceae. On small twigs of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

798. **Ulocladium consortiale** (Thüm.) E.G. Simmons, *Mycologia* 59(1): 84 (1967). Bas.: *Macrosporium consortiale* Thüm. (1876). Syn.: *Alternaria consortialis* (Thüm.) J.W. Groves & S. Hughes 'consortiale' (1953); *Pseudostemphylium consortiale* (Thüm.) Subram. (1961); *Stemphylium consortiale* (Thüm.) J.W. Groves & Skolko (1944); *Stemphylium ilicis* Tengwall (1924). Anamorphic Pleosporaceae. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

799. **Verticillium effusum** G.H. Otth, *Mitteil. Naturf. Ges. Bern*: 112 (1870). Anamorphic *Hypomyces*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

800. **Verticillium lecanii** (Zimm.) Viégas, *Revista Inst. Cafe Sao Paulo* 14: 754 (1939). Bas.: *Cephalosporium lecanii* Zimm. (1898). Syn.: *Lecanicillium lecanii* (Zimm.) Zare & W. Gams in Gams & Zare (2001). Anamorphic *Hypomyces*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

801. **Verticillium nigrescens** Pethybr., *Trans. Br. Mycol. Soc.* 6: 177 (1919). Syn.: *Cephalosporium serrae* Maffei (1930); *Cephalosporium serrae* var. *fuscum* Thirum. & Sukapure 'fusca' (1966); *Hyalopus serrae* (Maffei) M.A.J. Barbosa (1941); *Verticillium serrae* (Maffei) J.F.H. Beyma (1940). Anamorphic *Hypomyces*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

802. **Verticillium puniceum** Cooke & Ellis, *Grevillea* 17(no. 83): 68 (1888). Homotypic syn.: *Nodulisporium puniceum* (Cooke & Ellis) Deighton (1985). Anamorphic *Hypomyces*. Isolated from roots of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

803. **Verticillium sp.** On roots of *J. virginiana* — causing wilt; North America (Farr et al., 1989).

804. **Verticicladium trifidum** Preuss, *Linnaea* 24: 105 (1851). Anamorphic *Desmazierella acicola* Lib., *Ann. Sci. Nat., Bot., Ser. 1*: 82 (1829). Isolated from living tissue of *J. communis*; the Alps (Petrini, 1984).

805. **Xenochalara juniperi** M.J. Wingf. & Crous, *S. Afr. J. Bot.* 66(2): 101 (2000). Anamorphic Ascomycetes. On dead leaves of *J. communis*; West Europe (Index of Fungi 7).

Addenda

Fungi

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Zygomycetes

Mucorales

Mucoraceae

806. **Absidia glauca** Hagem, *Skr. Vidensk. Selsk. Christiania, Kl. I, Math.-Natur.* (no. 7): 43 (1908). Syn.: *Tieghemella glauca* (Hagem) Naumov (1935). In rhizosphere of *J. communis*; Eastern Europe (Belomesyatseva, 2004).

Ascomycetes

Dothideomycetidae

Hysteriales

Mytiliniaceae

807. **Peyronelia rudis** (Ehrenb.) S. Hughes, *Can. J. Bot.* 36: 795 (1958). Bas.: *Alternaria rudis* Ehrenb. (1818). On dead leaves of *J. turkestanika*; Central Asia (Kalymbetov, 1969).

Patellariales
Patellariaceae

808. **Banhegyia setispora Zeller & Tóth** 'Bánhegyia', *Sydowia* 14(1–6): 327–328 (1960). On bark of *J. communis* branch; West Europe (Zeller, Tóth, 1960).

Pleosporales
Melanommataceae

809. **Melanomma pulvis-pyrius (Pers.) Fuckel**, *Jb. Nassau. Ver. Naturk.* 23–24: 160 (1870) [1869]. Sanctioning author: Fr. Bas.: *Sphaeria pulvis-pyrius* Pers. (1801). On *J. sabina*; Crimea (Dudka et al., 2004).

810. **Trematosphaeria buellioides Rehm** (1877). On small twigs of dead or living *J. communis* var. *siberica*; Central Asia (Kalymbetov, 1969).

Pleosporaceae

811. **Pleospora herbarum (Pers.) Rabenh.**, *Comm. Soc. Crittog. Ital.* 1: 217 (1863). Bas.: *Sphaeria herbarum* Pers. (1801). Syn.: *Alternaria putrefaciens* (Fuckel) E.G. Simmons (1995); *Macrosporium commune* Rabenh. (1870). As *Macrosporium commune* on bark of *J. turkestanica*; Kazakhstan (Shvartsman et al., 1975). As *Pleospora herbarum* on *J. oxycedrus*; Crimea (Dudka et al., 2004).

Eurotiomycetidae
Elaphomycetales
Elaphomycetaceae Tul. ex Paol. (1889)

812. **Elaphomyces muricatus Fr.**, *Syst. mycol. (Lundae)* 3: 59 (1829). Mycorrhiza-forming with *J. communis*; West Europe (Eckblad, 1962).

Leotiomycetidae
Helotiales
Dermateaceae

813. **Tapesia fusca (Pers.) Fuckel**, *Symbolae mycologicae* 23–24: 302 (1869). Bas.: *Peziza fusca* Pers. (1800). On *J. oblonga*; Crimea (Dudka et al., 2004).

Sordariomycetidae
Hypocreales
Nectriaceae

814. **Gibberella maxima Smyk** (1976). On *J. excelsa*; Crimea (Dudka et al., 2004).

Sordariales
Chaetosphaeriaceae

815. **Melanopsamma pomiformis (Pers.) Sacc.**, *Michelia* 1(no. 3): 347 (1878). Sanctioning author: Fr. Bas.: *Sphaeria pomiformis* Pers. (1801). On *J. excelsa*; Crimea (Dudka et al., 2004).

Sordariaceae

816. **Sordaria fimicola (Roberge ex Desm.) Ces. & De Not.**, *Comm. Soc. Crittog. Ital.* 1: 226 (1863). On *J. foetidissima*; Crimea (Dudka et al., 2004).

Xylariales
Amphisphaeriaceae

817. **Amphisphaeria umbrina (Fr.) De Not.**, (1863). Bas.: *Sphaeria umbrina* Fr. On small twigs of *Juniperus* sp.; Central Asia (Kalymbetov, 1969).

Basidiomycota
 Basidiomycetes
 Tremellomycetidae
 Tremellales
 Tremellaceae

818. **Tremella juniperina P. Karst.**, Fungi Fenn. Exsicc.: no. 812 (1869). Homotypic syn.: *Tremella karstenii* Hauerslev (1999). On *Colpoma juniperi* fruitbody on *J. communis* branch; Leningrad region (Bondartseva et al., 1999).

Anamorphic fungi

819. **Aspergillus flavipes (Bainier & R. Sartory) Thom & Church**, Manual of the aspergilli: 179 (1926). Anamorphic *Emericella*. Bas.: *Sterigmatocystis flavipes* Bainier & R. Sartory (1911). Syn.: *Fennellia flavipes* B.J. Wiley & E.G. Simmons (1973). On *J. foetidissima*; Crimea (Dudka et al., 2004).

820. **Cytospora leucosperma Fr.** (1823). On branches of *J. rufescens*, *J. virginiana*; Caucasia (Gvritishvili, 1982)

Names with unclear application

Cenococcum graniforme (Sowerby) Ferd. & Winge, Kongelige Veter. Landbohøgskol. Aarsskr.: 332–385 (1925). ?Bas.: *Lycoperdon graniforme* Sowerby (1800). Mycorrhiziforming with *Juniperus* spp.; Europe (Trappe, 1964). [Ascomycetes, Incertae sedis]

Podisoma clavariiforme (Wulfen ex Pers.) Duby '*clavariaeforme*'. On branch of *J. communis* — causing galls; West Europe (Sutton, 1980). [Basidiomycota, Urediniomycetes, Uredinales, Pucciniaceae]

Tremella juniperina L. (1755). Homotypic syn.: *Gymnosporangium juniperinum* (L.) Fr. (1817). On *J. communis* stumps; Eastern Europe (Meier, 1901).