

Type specimens of fungi
held in the Herbarium of the Slovak National Museum (BRA),
Bratislava, Slovakia

PAVEL LIZOŇ

Plant Pathology Herbarium, Cornell University Ithaca, NY 14853-4203, USA

Lizoň P. (1994): Type specimens of fungi held in the Herbarium of the Slovak National Museum (BRA), Bratislava, Slovakia. – Czech Mycol. 47: 193–198

The fungus type collection held in the Slovak National Museum in Bratislava, Slovak Republic, contains 78 designated specimens.

Key words: Fungi, type specimens, BRA.

Lizoň P. (1994): Nomenklatorické typy hub v zbierkach Slovenského národného múzea (BRA), Bratislava, Slovensko. – Czech Mycol. 47: 193–198

Typová zbierka hub Slovenského národného múzea v Bratislave, Slovenská republika, zahrnuje 78 označených položiek.

The Herbarium of the Slovak National Museum (Department of Botany, Museum of Natural History) in Bratislava, Slovak Republic, was founded in 1924 and now includes about 70,000 specimens of fungi and myxomycetes (Lizoň 1983, Hradílek, Lizoň et Tlusták 1992). Numerous collectors have contributed collections to the fungus herbarium and the largest one (25,000 specimens) was donated to the Museum (Lizoň 1973) by Andrej Kmeť (1841–1908). His collections were studied by Giacomo Bresadola (1897), Domenico Saccardo (1896) and Pier Andrea Saccardo (1897) in the past and by numerous mycologists in the most recent years. Bresadola also studied some of Victor Greschik's (1862–1946) collections that are maintained at BRA too. A part of the collections of Carl Kalchbrenner (1807–1886), author of more than 400 new fungal taxa (Lizoň 1993), discovered in the town of Spišská Nová Ves, North Slovakia in the 1960's, contains 2,800 specimens of fungi. Collections of two other European mycologists, Johannes Andreas Bäumler (1847–1926) and Fridrich Hazslinszky (1818–1896), have been maintained at BP in Budapest and at SLO in Bratislava, respectively, and only a few of their specimens are to be found in BRA.

It is likely that several duplicates of type and authentic specimens, which are not now designated and are not listed here, have been incorporated in BRA and could be chosen as neotypes.

LIST OF TYPE SPECIMENS¹⁾

- Acervus lusakianus* J. Moravec. Čes. Mykol. 37: 240, 1983. ISOTYPE: Zambia (holotype in PRM).
- Aleuria dalhouensis* K. S. Thind & Waraitch, Proc. Indian Acad. Sci. 74: 269, 1971. ISOTYPE: India (holotype in PAN).
- Anthurus muellerianus* Kalchbrenner in Kalchbrenner & Cooke, Grevillea 9: 2-3, 1880. (ISO)TYPE: Australia.
- Ascochyta carvi* Ondřej, Čes. Mykol. 37: 81-82, 1983. HOLOTYPE: Czech Republic.
- Boletus edulis* Bull.: Fr var. *arenarius* Engel, Kriegsteiner & Dermek in Engel, Dickröhrlinge p. 45, tab. 6, 1983. HOLOTYPE: Slovak Republic.
- Boletus erythropus* (Fr.: Fr.) Krombh. var. *rubropileus* Dermek, Fung. Rar. Icon. Color. 13: 10-11, tab. 103, 1984. HOLOTYPE: Slovak Republic.
- Boletus subappendiculatus* Dermek, Lazebníček & Veselský in Dermek, Fung. Rar. Icon. Color. 9: 13, tab. 67, 1979. HOLOTYPE: Slovak Republic.
- Cheilymenia asteropila* J. Moravec, Mycotaxon 37: 453, 1990. HOLOTYPE and 2 PARATYPES: Czech Republic.
- Cheilymenia aurantiaco-rubra* K. S. Thind & S. C. Kaushal, Indian Phytopatol. 33: 428, 1980. ISOTYPE: India (holotype in PAN).
- Cheilymenia liskae* J. Moravec, Fellner & Landa in J. Moravec, Mycotaxon 36: 170, 1989. ISOTYPE: Norway. Spitzbergen (holotype in PRM).
- Cheilymenia magnipila* J. Moravec, Čes. Mykol. 22: 35, 1968. ISOTYPE: Czech Republic (holotype in PRM).
- Cheilymenia micropila* Svrček & J. Moravec in J. Moravec, Čes. Mykol. 22: 37, 1968. ISOTYPE: Czech Republic (holotype in PRM).
- Cheilymenia notabilispora* J. Moravec, Čes. Mykol. 22: 36, 1968. ISOTYPE: Czech Republic (holotype in PRM).
- Cheilymenia pseudohumariooides* Dissing, J. Moravec & Sivertsen in J. Moravec, Mycotaxon 36: 173-177, 1989. ISOTYPE and 2 PARATYPES: Denmark, Greenland (holotype in C).
- Coprobria crassistriata* J. Moravec, Mycotaxon 28: 501, 1987. HOLOTYPE: Czech Republic.
- Coprobria hyphopila* J. Moravec, Čes. Mykol. 38: 150, 1984. ISOTYPE: Czech Republic (holotype in PRM).
- Coprobria sordida* J. Moravec, Čes. Mykol. 38: 154, 1984. ISOTYPE: Czech Republic (holotype in PRM).
- Deightonella alni* Ondřej, Čes. Mykol. 38: 44, 1984. ISOTYPE: Czech Republic (holotype in PRM).

¹⁾ If they are any doubts "type" of the type specimen is in parentheses.

- Discina parvispora* Trigaux, Doc. Mycol. 16: 13, 1985. ISOTYPE: France (holotype in herb. G. Trigaux).
- Fimaria virginea* Svrček & J. Moravec, Čes. Mykol. 23: 158, 1969. ISOTYPE: Czech Republic (holotype in PRM).
- Fusicladium asiaticum* Ondřej, Čes. Mykol. 27: 237-238, 1973. ISOTYPE: Turkmenia (holotype in LE).
- Galactinia moraveccii* Svrček, Čes. Mykol. 22: 90, 1968. ISOTYPE: Czech Republic (holotype in PRM).
- Ganoderma resinaceum* Boud. var. *martellii* Bresadola, Fungi trident, ser. 2e fasc. 8-10: 31, 1892. (ISO)TYPE: Italy.
- Geopyxis grandis* K. S. Thind & S. C. Kaushal, Acta Bot. Indica 9: 119, 1981. ISOTYPE: India (holotype in PAN).
- Greletia marchica* D. Benkert & J. Moravec, Mycol. Helv. 2: 88e 1986. ISO-TYPE: Germany (holotype in BIU).
- Greletia reticulosperma* Donadini & Riousset in Donadini, Doc. Mycol. 16: 53, 1986. ISOTYPE: France (holotype in PC).
- Gymnosporangium nidus-avis* Thaxter, Connecticut Agric. Exp. Sta. Bull. 107: 6, 1891. (ISO)TYPE: U.S.A.
- Helicoma asperothecum* Linder, Ann. Miss. Bot. Gard. 16: 311, 1929. ISO-TYPE: Chile.
- Helvella branzeziana* Svrček & J. Moravec, Čes. Mykol. 22: 87, 1968. ISOTYPE: Czech Republic (holotype in PRM).
- Humaria subreticulata* K. S. Thind, Cash & P. Singh, Mycologia 51: 459, 1959. ISOTYPE: India (holotype in PAN).
- Hygrophorus erubescens* (Fr.) Fr. var. *capreolarius* Kalchbrenner, Icon. select. Hymenomyc. Hung. 2: 35, tab. 18, 1874. (HOLO)TYPE: Slovak Republic.
- Inocybe fastigiata* (Schaeff.: Fr.) Quél. subsp. *lilofastigiata* Stangl & Veselský in Dermek & Veselský, Čes. Mykol. 31: 190, 1977. HOLOTYPE: Slovak Republic.
- Knetia exigua* Bresadola & Saccardo in Saccardo, Syll. Fung. 16: 1158, 1902. (ISO)TYPE: Slovak Republic.
- Lamprospora georgii* Svrček, Čes. Mykol. 12: 229, 1958. NEOTYPE: Slovak Republic (holotype in C).
- Lepiota perplexa* Knudsen, Bot. Tidskr. 75: 137-138, 1981. 2 PARATYPES: Slovak Republic.
- Leucoscypha subimmersa* K. S. Thind & S. C. Kaushal, Bot. Notis. 132: 461, 1979. ISOTYPE: India (holotype in PAN).
- Marcelleina benkertii* J. Moravec, Mycotaxon 30: 487, 1987. HOLOTYPE: Czech Republic.
- Marcelleina donadini* Astier & J. Moravec in J. Moravec, Mycotaxon 30: 490, 1987. ISOTYPE: France (holotype in PC).

- Melastiza flava* K. S. Thind & S. C. Kaushal, Bot. Notis. 132: 459, 1979.
ISOTYPE: India (holotype in PAN).
- Mutinus papuasius* Kalchbrenner in Thümen, Grevillea 4: 74, 1875. (ISO)TYPE:
Australia.
- Octospora moravecii* Khare, Canad. J. Bot. 54: 964, 1979. ISOTYPE: Czech
Republic (holotype in PRM).
- Orphanomyces vankyi* Savile in Vánky, Ustilaginales, fasc. 6–10, no. 175, 1979.
SYNTYPE: Romania.
- Otideopsis yunnanensis* Liu & Cao, Shanxi Univ. J., Nat. Sci. Ed. 4: 70, 1987.
ISOTYPE: People's Republic of China (holotype in HMAS).
- Peltidium oocardii* Kalchbrenner, Math. Term.-Tud. Közlem. 2: 157–159, 1863.
(HOLO)TYPE: Slovak Republic.
- Peziza crassipes* Quél. var. *kilimanjarensis* J. Moravec, Čes. Mykol. 32: 77,
1979. ISOTYPE: Tanzania (holotype in PRM).
- Peziza kabyliensis* J. Moravec, Agarica 6: 61, 1985. ISOTYPE: Algeria (holotype
in PRM).
- Peziza polarispinosa* J. Moravec, Agarica 6: 59, 1985. ISOTYPE: U. K., England
(holotype in herb. W. D. Graddon).
- Polyporus hausmanii* Fries, Hymenom. europ. p. 552, 1874. (ISO)TYPE: Italy.
- Polyporus hypopolioides* Kalchbrenner in Cooke, Grevillea 10: 99, 1882. (ISO)TYPE:
Australia.
- Polyporus kmetii* Bresadola, Atti Imp. Regia Accad. Rovereto, ser. 3, 3: 70–71e
1897. ISOTYPE: Slovak Republic.
- Poria ambigua* Bresadola, Atti Imp. Regia Accad. Rovereto, ser. 3, 3: 84, 1897.
PARATYPE: Slovak Republic.
- Poria fulvescens* Bresadola, Atti Imp. Regia Accad. Rovereto, ser. 3, 3: 81, 1897.
ISOTYPE: Slovak Republic.
- Poria nigrescens* Bresadola, Atti Imp. Regia Accad. Rovereto, ser. 3, 3: 83, 1897.
ISOTYPE: Slovak Republic.
- Puccinia altimurica* Petrak, Krypt. Exsic. Mus. Palat. Vindob., cent. 46, no.
4516, 1965. SYNTYPE: Afghanistan.
- Puccinia astrantiae* Kalchbrenner, Math. Term.-Tud. Közlem. 3: 309, 1865.
(HOLO) TYPE: Slovak Republic.
- Puccinia fibigiae* Petrak, Krypt. Exsic. Mus. Palat. Vindob., cent. 46, no. 4525,
1965. SYNTYPE: Afghanistan.
- Pulparia verrucisporra* Donadini & Mornier in Donadini, Rev. Mycol. 40: 260,
1976. ISOTYPE: France (holotype in herb. J. C. Donadini).
- Pulvinula niveoalba* J. Moravec, Čes. Mykol. 23: 231–232, 1969. ISOTYPE: Czech
Republic (holotype in PRM).
- Radulum kmetii* Bresadola, Atti Imp. Regia Accad. Rovereto, ser. 3, 3: 102, 1897.
ISOTYPE: Slovak Republic.

- Scutellinia chiangmaiensis* T. Schumacher, Opera Bot. 101: 78, 1990. ISO-TYPE: Thailand (holotype in O).
- Scutellinia fimicola* J. Moravec, Čes. Mykol. 2: 39, 1968. ISOTYPE: Czech Republic (holotype in PRM).
- Scutellinia fujianensis* Cao & J. Moravec, Mycol. Helv. 3: 184, 1988. ISOTYPE: People's Republic of China (holotype in HSIB).
- Scutellinia furcatopila* J. Moravec, Čes. Mykol. 37: 245, 1983. ISOTYPE: Zambia (holotype in PRM).
- Scutellinia minutella* Svrček & J. Moravec, Čes. Mykol. 23: 156, 1969. ISO-TYPE: Czech Republic (holotype in PRM).
- Scutellinia mirabilis* Dissing & Sivertsen, Nord. J. Bot. 3: 420, 1983. ISOTYPE: Norway (holotype in TRH).
- Scutellinia phymatodeus* S. C. Kaushal & R. Kaushal in S. C. Kaushal, R. Kaushal & Rawla, Fungi Indian subcont. p. 594, 1983. ISOTYPE: India (holotype in PAN).
- Scutellinia pseudoumbrarum* J. Moravec, Čes. Mykol. 25: 199, 1971. ISOTYPE: Bosnia & Herzegovina (holotype in PRM).
- Sowerbyella angustispora* Cao & J. Moravec, Mycol. Helv. 3: 136, 1988. ISOTYPE: People's Republic of China (holotype in HSIB).
- Sowerbyella crassisculpturata* J. Moravec, Mycotaxon 23: 492, 1985. ISO-TYPE: Czech Republic (holotype in PRM).
- Sowerbyella densireticulata* J. Moravec, Mycotaxon 23: 494, 1985. HOLO-TYPE: Slovak Republic.
- Sowerbyella fagicola* J. Moravec, Čes. Mykol. 27: 66, 1973. ISOTYPE: Czech Republic (holotype in PRM).
- Sowerbyella kaushalii* J. Moravec, Mycol. Helv. 2: 94, 1986. ISOTYPE: India (holotype in PAN).
- Spooneromyces helveticus* Breitenbach & Kränzlin in T. Schumacher & J. Moravec, Nord. J. Bot. 9: 428, 1989. ISOTYPE: Switzerland (holotype in NMLU).
- Trametes colliculosa* Berkeley, Lond. J. Bot. 6: 506, 1847. (ISO)TYPE: Ceylon.
- Tricharina bisetosa* K. S. Thind & S. C. Kaushal, Indian J. Mycol. Pl. Pathol. 9: 229, 1979. ISOTYPE: India (holotype in PAN).
- Trichophæa narkandensis* K. S. Thind & S. C. Kaushal, Kavaka 7: 49, 1979. ISOTYPE: India (holotype in PAN).
- Trichophæa tumidosa* K. S. Thind & S. C. Kaushal, Kavaka 7: 47, 1979. ISOTYPE: India (holotype in PAN).
- Xerocomus chrysenteron* (Bull.) Quél. var. *robustus* Dermek, Čas. Českoslov. Houb. 50: 81, fig. 27, 1973. HOLOTYPE: Slovak Republic.

A c k n o w l e d g m e n t s

I wish to thank Drs. Zdeněk Pouzar (National Museum, Praha) and Richard P. Korf (Cornell University, Ithaca) for reviewing the manuscript, and Viera Orthová (Slovak National Museum, Bratislava) for technical assistance. Jiří Maravec provided me with valuable information on holotype locations of most of Discomycetes.

R E F E R E N C E S

- BRESADOLA G. (1891): Champignons de la Hongrie, récolté en 1886-89 par M. le professeur V. Greschik. – Rev. Mycol. 13: 20-33.
- BRESADOLA G. (1897): Hymenomycetes Hungarici Kmetiani. – Atti Imp. Regia Accad. Rovereto, ser. 3, 3: 66-117.
- HRADÍLEK Z., LIZOŇ P. and TLUSTÁK V., (1992): Soupis botanických sbírek v Československu. A list of botanical collections in Czechoslovakia. – Olomouc, 73 pp.
- LIZOŇ P. (1973): Andrej Kmeť a mykologický výskum Slovenska. [Andrej Kmeť and mycological investigation of Slovakia.] – Čes. Mykol. 27: 177-179.
- LIZOŇ P. (1983): Súpis botanických zbierok na Slovensku. [Index of botanical collections in Slovakia.] – Bratislava. 32 pp.
- LIZOŇ P. (1993): Fungi described by Carl Kalchbrenner. – Čes. Mykol. 46(1992): 316-327.
- SACCARDO D. (1896): Contributio alla flora micologica di Schemnitz. – Atti Soc. Veneto-Trentino Sci. Natur. Padova, ser. Z, 3: 167-202.
- SACCARDO P. A. (1897): Appendix. In: Bresadola G., Hymenomycetes Hungarici Kmetiani. – Atti Imp. Regia Accad. Rovereto, ser. 3, 3: 117-120.