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NON-LICHENIZED FUNGAL TAXA DESCRIBED FROM SLOVAKIA. Part 1

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ABSTRACT: Names of fungal taxa described from Slovakia are listed. An iconotype and an epitype for *Agaricus atramentosus* and lectotypes for *Peltidium oocardii* and *Peziza bulgarioides* are designated, and the new combinations *Peziza adae* var. *latispora* (for *Galactinia adae* f. *latispora*) and *Clitocybe gibba* f. *adstrigens* (for *Clitocybe gibba* var. *adstrigens*) are proposed.

KEYWORDS: Ascomycota, Basidiomycota, new taxa, taxonomic status

While compiling the checklist of Slovak fungi (P. Lizoň & K. Bacigálová (eds.), *Huby/Fungi*. In: K. Marhold & F. Hindák (eds.), *Zoznam nižších a vyšších rastlín Slovenska/Checklist of non-vascular and vascular plants of Slovakia*, 1998) the identity of numerous names proposed for fungi described from Slovakia was not recognized. The following list addresses the problem by providing the current taxonomic and nomenclatural status of included taxa and, when available, where the type specimen is housed. This should provoke specialists to study these fungi and approve or correct the taxonomic status presented here.

Each entry has the original name, author and place of valid publication, collection site, information on type specimen, and accepted name. Collection sites are cited the same way as they were originally published. Accepted names or names in current use are boldfaced. Bracketed inserts include current geographical and administrative names of collection sites, and/or explanatory notes.

For authorities of taxa standard abbreviations in *Authors of Plant Names* (R. K. Brummit & C. E. Powell, 1992) and for herbaria and collection acronyms in

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Index Herbariorum (P. K. Holmgren & al., eds., 1990) were followed. Standard abbreviations and forms for journal and book titles are used as listed in *Botanico-Periodico-Huntianum* (G. H. M. Lawrence & al., eds., 1968), *Botanico-Periodico-Huntianum/ Supplementum* (G. D. R. Bridson, ed., 1991), and in *Taxonomic Literature* (2nd ed., F. A. Stafleu & R. Cowan, vol. 1–7, 1976–1988, and F. A. Stafleu & E. A. Mennenga, Supplements, vol. 1–4, 1992–1997).

ASCOMYCOTA

Balsamia fusispora Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 174-175, 1870)

[Eastern Slovakia, Blažovská dolina valley near the city of Prešov.]²

Listed and noted as dubious by Saccardo (Syll. Fung. 10: 80, 1892).

Belonidium lizonii Svrček (Česká Mykol. 42: 139, 1988)

"Slovakia occidentalis: Bratislava, in horto privato dom. Dr. Pavel Lizoň, 230 m s. m., VI. 1987, leg. P. Lizoň." Holotype in PRM.

≡ *Trichopeziza lizonii* (Svrček) Baral & E. Weber ([Bibl. Mycol. 120] in Weber, Untersuchungen zu Fortpflanzung und Ploidie verschiedener Ascomyceten, p. 105, 1992).

Chlorosplenium hyperici-maculati Svrček (Česká Mykol. 46: 34, 1992)

"Slovakia: ad caules emortuos deiectos Hyperici maculati, montes Belianske Tatry, Tatranská Kotlina, in convalle Kotlina siedmich prameňov (= Holubyho dolina), in declivitate montis Bujačí vrch (1950 m s. m.), loco Lavinový žlab, 1900 m s. m., 5. X.1958, leg. J. Kubička et M. Svrček." Holotype in PRM.

Crouania laucifera Hazsl. (Math. Természettud. Közlem. 21: 262, 1886)

"...földön. S.-A.-Újhely környékéből [environs of the town of Slovenské Nové Mesto] küldte Chyser vagy Dietz." Neither type nor original material have been located.

As noted by Svrček (Česká Mykol. 35: 134, 1981) this is a member of the genus *Scutellinia*.

Dasyscyphus lundellii Le Gal ex Svrček (Česká Mykol. 16: 112, 1962)

"ČSSR: Slovakia, montes Nízke Tatry, in valle Trangoška dicto, cca 1200-1500 m s. m., 8.IX.1960 (leg. F. Kotlaba)." Holotype in PRM.

= *Dasyscyphella dryina* (P. Karst.) Raitv. (Scripta Mycol. 1: 72, 1970)

Eriopezia roseolo-tincta Svrček (Česká Mykol. 12: 226-227, 1958)

"Slovakia septentr., montes Belanské Tatry, in convalle 'Holubyho dolina' dicta, in caulibus et foliis emortuis Luzulae albidae = L. nemorosae, loco unico frequens, 3.VIII.1956, cca 1500 m s. m. (J. Kubička et M. Svrček leg.);" Holotype in PRM.

² Stephan Schulzer has not given details on collections sites of his field trip to Blažovská dolina valley. Because no specimens are available and descriptions are vague, all his taxa erected in his paper *Mykologische Beobachtungen aus Nord-Ungarn im Herbste 1869* (Schulzer, Verh. Zool.-Bot. Ges. Wien 20: 69-210, 1870) are treated as dubious here.

Korf (Mycotaxon 7: 484, 1978) while studying the type specimen has found out that ascocarps, immersed in a subiculum, are not apothecia but hypocreaceous perithecia. He identified the fungus as a pyrenomycete *Nectriella carnea* (Desm.) Sacc. [= *Pronectria robergei* (Mont. & Desm.) Lowen].

Galactinia adae (J. Sadler) Boud. f. *latispora* J. Moravec (Česká Mykol. 23: 32, 1969)

"Ad terram humidam nudam, ad destructionis calicatum, Slovakia, Lysá Poľana, 19.IX.1967." Holotype in PRM.

≡ *Peziza adae* (J. Sadler) Boud. **var. latispora** (J. Moravec) Lizoň, comb. n.
Basionym: *Galactinia adae* (J. Sadler) Boud. f. *latispora* J. Moravec, Česká Mykol. 23: 32, 1969.

Galactinia praetervisa (Bres.) Boud. var. *minor* J. Moravec (Česká Mykol. 23: 32, 1969)

"In carbonariis in picetis, Slovakia, Belanské Tatry prope Ždiar, 16.IX.1967." Holotype in PRM.

= *Peziza subviolacea* Svrček [fide Svrček, Česká Mykol. 35: 71, 1981]

Helotium dumbirensense Velen. (Monogr. Discom. Boh. 1: 188, 1934)

"In lignis frondosis in aqua immersis in m. Tatra (Ďumbir) [Mt. Ďumbier, Nízke Tatry Mts.] aug. 1930 leg. Cae. Cejp." Holotype in PRM.

≡ *Ciboria dumbiresis* (Velen.) Spooner (Trans. Brit. Mycol. Soc. 91: 517, 1988)

Svrček (Česká Mykol. 46: 162, 1992) erected a monotypic genus *Tatrea* for this species.

Helotium geiphilum Velen. (Monogr. Discom. Boh. 1: 193, 1934)

"Ad rhizoma Gei rivalis m. Tatra (1800 m) supra Lomnice [village of Tatranská Lomnica, Vysoké Tatry Mts.] 1924, 7 leg. Pilát." Holotype in PRM.

Svrček (Sbor. Nár. Muz. Praha 40B[1984]: 150, 1985) noted that the species is probably conspecific with *Hymenoscyphus vitellinus* (Rehm) Kuntze.

Helotium pallidae-subolivaceum Svrček (Česká Mykol. 12: 228, 1958)

"Slovakia septentr., montes Belanské Tatry, in convalle 'Holubyho dolina' dicta, ad acus putr. Abietis albae, Piceae excelsae, ad ramum putr. Piceae exc., ad folia putr. Vaccinii myrtillii et vitis-idaeae, in silva humida, sphagnetosa, ... 19.V.1958, cca 1100 m s. m. (J. Kubička et M. Svrček leg.)" Holotype in PRM.

≡ *Hymenoscyphus pallidae-subolivaceus* (Svrček) Lizoň (Mycotaxon 44: 321, 1992).

Helotium repandum W. Phillips f. *citripes* Svrček (Česká Mykol. 16: 113, 1962)

"CSSR: Slovakia, montes Nízke Tatry, in valle rivi 'Bystrý potok' prope Trangoška, cca 1150 m s. m., 6.IX.1960 (leg. J. Kubička.)" Holotype in PRM.

≡ *Hymenoscyphus repandus* (W. Phillips) Dennis **f. repandus** [fide Lizoň, Mycotaxon 44: 37, 1992]

Helotium rokeybense Svrček (Česká Mykol. 16: 113, 1962)

"ČSSR: Slovakia, montes Nízke Tatry, in valle rivi 'Bystrý potok' prope Trangoška, cca 1150 m s. m., 5.-6.IX.1960 (leg. M. Mates et M. Svrček)." Holotype in PRM.

≡ *Hymenoscyphus rokebyensis* (Svrček) Matheis (Mitt. Thurgauischen Naturf. Ges. 43: 157, 1979)

Helotium tatrae Svrček (Česká Mykol. 12: 228, 1958)

"Slovakia septentr., montes Belanské Tatry, in convalle 'Holubyho dolina' dicta, ad acus putr. Laricis deciduae subsp. polonicae et rare etiam (ap. unicum) ad folium putr. udum Caricis glaucae subsp. clavificiformis, 19. et 22.V.1958, cca 1250 m s. m. (J. Kubička et M. Svrček leg.)." Holotype in PRM.

≡ *Hymenoscyphus tatrae* (Svrček) Lizoň (Mycotaxon 44: 322, 1992)

Helvella tremelloides Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 174, 1870)

≡ *Helvella lacunosa* Afzel. b *tremelloides* (Schulzer) Hazsl. (Ért. Term.-Tud.

Kör. 11(19): 13, 18810

[Eastern Slovakia, Blažovská dolina valley near the city of Prešov.]

Lizoň (Thaiszia 7: 56, 1997) synonymized, according to the original description, the species with *Helvella lacunosa* Afz. Saccardo (Syll. Fung. 22: 600, 1913) listed the species as a synonym (with a question mark) of *H. tremellosa* Krombh. (= *Gyromitra gigas* (Krombh.) Quél).

Humaria sabranskyana Bäumler (Verh. Ver. Natur- Heikde. Pressburg 9: 162, 1897)

"Gemsenberg auf der Erde unter Thuidium am Wegw, da Spathularia flavida und Pirola steht, August 1891." Holotype in BP?

Svrček (Česká Mykol. 35: 135, 1981) found out that the specimen has inoperculate asci and the species is probably a member of the genus *Pachydisca*.

Hymenoscyphus caeruleo-maculatus Svrček (Česká Mykol. 46: 35, 1992)

"Slovakia: Herľany, silva parkensis, 25. IX. 1990, leg. H. Deckerová." Holotype in PRM.

Hymenoscyphus ombrophilaeformis Svrček (Česká Mykol. 31:11, 1977)

"Bohemoslovakia, Slovakia, in montibus Strážovské vrchy, Pružina, in valle rivi Dobovsek ad pedem montis Strážov (1213 m s. m.), ca 800 m s. m., 22.IX.1975." Holotype in PRM.

Kubickia tatrensis Svrček (Česká Mykol. 11: 38, 1957)

"Slovakia, montes Vysoké Tatry: lacus "Trojhranné pleso" dictus haud procul 'Kežmarská chata' prope Tatranská Lomnica, in sphagneto ad marginem septentrionalem et inter septentriones et orientem solem, 1614 m supra mare, 10.VIII.1955 leg. MUDR. Georgius Kubička" Holotype in PRM.

Originally proposed as *Kubička tatrensis*.

Lachnum belaense Svrček (Česká Mykol. 12: 228, 1958)

"Slovakia septentr., montes Belanské Tatry, in convalle 'Holubyho dolina' dicta, ad truncos et ramos decorticatos in rivulo iacentes *Aceris pseudoplatani*, 22.V.1958, cca 1250 m s. m. (M. Svrček leg.)." Holotype in PRM.

Lachnum pseudocorticale Svrček (Česká Mykol. 12: 229, 1958)

"Slovakia septentr., montes Belanské Tatry, in convalle 'Holubyho dolina' dicta, ad ramos decorticatos (in ligno duro) *Piceae excelsae*, in aqua rivuli immersos, sed etiam extra aquam locis humidis, frequens, 22. V. 1958, cca 1250 m s. m. (Z. Borovanská, J. Kubička et M. Svrček leg.)." Holotype in PRM.

Lamprospora georgii Svrček (Česká Mykol. 12: 229, 1958)

"Czechoslovakia: Slovacia, Mt. Belanské Tatry, Ždiar, ad ripa rivuli Belá, sub *Petasites* sp. ad terram humidam nudam arenosam, 16.IX.1967." Neotype in BRA, isoneotype in CUP. Neotypified by J. Moravec since Svrček's holotype (Slovakia septentr., montes Belanské Tatry, ad terra humidam nudam in *Petasiteto*, 1.VIII.1956, cca 1200 m s. m. J. Kubička leg.) has been missing in PRM.

≡ ***Marcellina georgii*** (Svrček) J. Moravec (Mycotaxon 30: 482, 1987)

Miyoshiella larvata Réblová (Mycotaxon 71:28, 1999)

"Slovakia orientalis, Mt. Rudník, in ligno putrido *Abietis albae*, 17 Aug 1972, leg. V. Holubová-Jechová." Holotype in PRM.

Nectria tatrensis Alstrup (Biologia, Bratislava, 51: 13, 1966)

"Slovakia, Tatra National Park, Tatranská Kotlina, Suchá dolina, alt. 850 m, on *Thelidium fumidum* (Nyl.) Hazsl., 24. Sept. 1993, V. Alstrup." Holotype in C.

Nummularia dennisii Pouzar (Kew Bull. 31: 653, 1977)

"Czechoslovakia: on a fallen branch of *Acer campestre* in a forest pathway in bottomland forest on the bank of river Hron, 130 m alt., 0.5 km west of 'Jarok' gamekeeper lodge near Želiezovce (distr.of Levice), southern Slovakia, 19. Oct. 1972, Pouzar." Holotype in PRM, isotype in K.

≡ ***Biscogniauxia dennisii*** (Pouzar) Pouzar (Česká Mykol. 33: 216, 1979)

Patinella dryadea Velen. (Monogr. Discom. Boh. 1: 75, 1934)

"Ad caules vetustos *Dryadis octopetalae* in m. Tatra [Vysoké Tatry Mts.] aug. 1926, leg. Alb. Pilát." Holotype in PRM.

As noted by Chlebicki (Acta Bot. Polon. 64: 396, 1995) this is probably a member of the genus ***Lecidiella*** sp. (Lichenes).

Peltidium oocardii Kalchbr. (Hedwigia 2: 58, 1862)

"Hab. rarissime ad lapides submersos et *Oocardo strato* (Naeg.) incrustatos, in torrende vallis Bösenstein ad Olaszinum [place called Pod skalou now, E from the village of Spišské Vlasy] (Wallendorf, Centralcarpathen). Sero autumnno et ine. unte hyeme." Syntype: Rabehhorst, Fungi Eur. exs. no. 521. Lectotype in BRA (designated here), lectoisotypes in CUP, FH, BPI.

= ***Pachyella babingtonii*** (Berk. & Broome) Boud. [fide Pfister, Can. J. Bot. 51: 2013, 1973]

Peziza bulgarioides Rabenh. (in Kalchbrenner, Math. Term.-Tud. Közlem. 7: 269, pl. 3/4, 1868)

"Fenyő tobozokon. A Stolcsek hegyen, Szepes-Váralja közelében [hill Stolček, close to the town of Spišské Podhradie]." Syntype: Rabenhorst, Fungi europaei exsic. no. 1311; lectotype in PRM (designated here), lectoisotype in CUP.

≡ *Piceomphale bulgarioides* (Rabenh.) Svrček (Česká Mykol. 11: 240, 1957)

Pulvinula haemastigma (Hedw.) Boud. var. *luteoflava* J. Moravec (Česká Mykol. 23: 25, 1969)

"Ad terram humidam nudam vel muscosam ad rivum 'Belá' (montes Belanské Tatry) prope Ždiar, Slovakia, 19. IX. 1967." Holotype at PRM.

Pustularia riparia Hazsl. (Math. Természettud. Közlem. 21: 270, 1886)

"meredek agyagospatakparton. Sz.-Olaszi környéken [environs of the village Spišské Vlchy], hol Klch. szedte." Neither type nor original material have been located.

Accepted by Saccardo (Syll. Fung. 8: 93, 1889). Svrček (Česká Mykol. 35: 137, 1981) noted that the species might represent *Peziza michelii* (Boud.) Dennis.

Sowerbyella densireticulata J. Moravec (Mycotaxon 23: 493, 1985)

"Slovakia bor.: montes Vysoké Tatry prope Východná et Važec, 850 m, ad marginem silvae coniferarum in aciculis, 3.IX.1972, leg. Ing. Jan Kuthan" Holotype in BRA, isotype in CUP.

Therrya pini (Alb. & Schwein.) Höhn. var. *mughicola* Svrček (Česká Mykol. 12: 230, 1958)

"Slovakia septentr., montes Belanské Tatry, in convalle "Holubyho dolina" dicta, ad ramos emortuos Pini mugho, 3.-4.VIII.1956, cca 1500-1600 m s. m. (J. Kubička et M. Svrček leg.)." Holotype in PRM.

Trichoscyphella carpatica Svrček (Česká Mykol. 16: 113, 1962)

"ČSSR: Slovakia, montes Nízke Tatry, in valle rivi "Bystrý potok" prope Trangoška, cca 1150 m s. m., 6.IX.1960 (leg. T. Piane)." Holotype in PRM.

[*Valsaria fraxini* Hazsl. (in Herb. Nits.)]

This is a nomen nudum which Wehmeyer (Trans. Brit. Mycol. Soc. 12: 269, 1933) has probably seen in the T. R. J. Nitschke's collection in B and later listed within the synonymy of *Diaporthe pustulata* (Desmaz.) Sacc.

BASIDIOMYCOTA

Agaricus asininus Kalchbr. (in Fries, Hymenom. Eur., p. 230, 1874)

"Sub Pinu silvestri in luco prope Olaszinum [village of Spišské Vlchy]."

Accepted by Saccardo (Syll. Fung. 5: 771, 1887) as *Inocybe asinina* (Kalchbr.) Sacc. Type or original material has not been located.

Kuyper (Persoonia, suppl. 3: 221, 1986) noted, referring to the Kalchbrenner's picture (Icon. sel. Hymenom. Hung. 3: pl. 22/1, 1875), that this is probably not an *Inocybe*.

Agaricus asterospermus Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 195, 1870)
[Eastern Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus atramentosus Kalchbr. (Icon. Select. Hymenom. Hung. 1:15, pl. 6/2, 1873)
"Ad truncos putridos pinuum Scepusii [region of Spiš], parce. Aug." Type or original material not located. Iconotype (designated here): Kalchbrenner, l. c.; epitype (designated here): Slovakia, Dobročský prales ve Slov. rudohoří, Abies, 29.VIII.1961, leg. F., Kotlaba & Z. Pouzar (PRM).
≡ *Hydropus atramentosus* (Kalchbr.) Kotl. & Pouzar (Česká Mykol. 16: 182, 1962)

Agaricus augusti Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 193, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus aureola Kalchbr. (Icon. Select. Hymenom. Hung. 1: 9, pl. 1/1, 1873)
"Scepusii, in montium Olasziensium [mountains near the village of Spišské Vlasy] summo iugo, locis graminosis, umbrosis, muscosis, inter fagos et abies rarissime. Exeunte Augusto." Neither type nor original material have been located.
≡ *Amanita muscaria* (L.) Pers. f. *aureola* (Kalchbr.) Veselý (Ann. Mycol. 32: 253, 1933)

Agaricus baloghi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 205-206, 1870)
[Eastern Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus carpathicus Kalchbr. b *pileo-levi* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 200, 1870)
[Eastern Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus centurio Kalchbr. (Icon. Select. Hymenom. Hung. 1: 13, pl. 4/2, 1873)
"In pinetis muscosis, circa Olaszinum [near the village of Spišské Vlasy] raro. Sept. Oct." Accepted by Saccardo (Syll. Fung. 5: 97, 1887) as *Tricholoma centurio* (Kalchbr.) Sacc. Neither type nor original material have been located.
= *Lyophyllum transforme* (Fr.) Kühn. [fide Riva, Tricholoma, p. 34, 1988]

Agaricus columbetta Fr. b *glaber* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 206, 1870)
[Eastern Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus czengeryi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 205, 1870)
[Eastern Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus dictyotus Kalchbr. (Icon. Select. Hymenom. Hung. 4: 63, pl. 32/4, 1877)
"In pascuis collis Werpusch, prope Olsazinum. [near the village of Spišské Vlasy]
Rarus." Neither type nor original material have been located.

This is probably a synonym of *Galera pygmeoaffinis* Fr. (\equiv *Conocybe pygmeoaffinis* (Fr.) Kühner) as noted by Quélet (Enchir. Fung., p. 106, 1886).

Agaricus divaldi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 190, 1970)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus dolinensis Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 200, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus dukai Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 202, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus dulcamarus Pers. b [no name] Schulzer (Verh. Zool.-Bot. Ges. Wien 20:
194, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus dulcissimus Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 205, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus edmundi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 197, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus fastibilis Pers. b *subumbonatus* Schulzer (Verh. Zool.-Bot. Ges. Wien
20: 192, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus fimetosus Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 186, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus flavidulus Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 189, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus fodiens Kalchbr. (Icon. Select. Hymenom. Hung. 4: 62, pl. 36/2, 1877)
"Locis apricis silvarum, Olsaziensium [village of Spišské Vlasy], ad basim truncorum
Pini." Antonín and Noordellos (Mycotaxon 63: 365, 1997) designated a neotype
(Sweden. Småland; in IB) because neither type nor original material have been
located.

≡ *Rhodocollybia fodiens* (Kalchbr.) Antonín & Noordel. (l. c.)

Agaricus fragilissimus Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 187, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus frauenfeldii Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 197)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus frivaldszkyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 209, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus goenczyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 204, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus gracilis Pers. b *minimus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 186,
1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus gyulaii Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 191, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus hantkeni Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 198, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus haynaldii Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 196, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus henszelmanni Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 201, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus horvathi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 201, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus hunfalvyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 208, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus jedliki Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 198, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus jendrassiki Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 207, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus josephi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 208, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus kalchbrenneri Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 190, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus kyinyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 202, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus lacerus Fr. b *argillophyllus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20:

190, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus longicaudis Pers. b *albus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 193,

1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus lonyayi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 191, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus margoii Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 199, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus mernszenii Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 186, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus mikoi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 187, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus nefrens Fr. b *extrius* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 197, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus nendtvichi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 202, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus nympharum Kalchbr. (Icon. Select. Hymenom. Hung. 1: 10, pl. 2/1, 1873)

"Scepusii in lucis fertilibus, campestribus, graminosis, inter pinus sparsas et ad margines silvarum, prope Olaszinum [near the village of Spišské Vlasy], quibusdam annis copiose. Aug." Neither type nor original material have been located.

Accepted by Saccardo (Syll. Fung. 5: 42, 1887) as *Lepiota nympharum* (Kalchbr.) Sacc. and treated as *Macrolepiota nympharum* (Kalchbr.) Wasser by Wasser (Agarikovyje griby SSSR, p. 114, 1985).

≡ *Macrolepiota puellaris* (Fr.) M. M. Moser [fide Candusso & Lanzoni, *Lepiota*, p. 525, 1990]

Agaricus pelta Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 209, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus pettkoi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 202, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus plebejus Kalchbr. (Icon. Select. Hymenom. Hung. 2: 22, pl. 12/1, 1874)

"In pratis pascuisve, circa Olaszinum [village of Spišské Vlasy]. Vernalis, sed etiam sero autumno lectus, in numerosis saepe gregibus." Neither type nor original material have been located.

≡ *Entoloma plebejum* (Kalchbr.) Noordel. (*Persoonia* 12: 462, 1985)

Agaricus polyai Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 201, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus psammopus Kalchbr. (Icon. Select. Hymenom. Hung. 1: 12, pl. 3/2, 1873)

"In pinetis montanis siccioribus, praesertim sub laricibus, ad Balázsvölgy [valley Blažovská dolina near the city of Prešov] comitatus Sarosiensis (Schulzer) et ad Olaszinum [village of Spišské Vlasy] Scepusii, raro. Aug. Sept." Neither type nor original material have been located.

≡ *Tricholoma psammopus* (Kalchbr.) Qué. (Mém. Soc. Emul. Montbéliard, ser. 2, 5: 433, 1875)

Agaricus pulszkyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 195, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus purus Pers. b *obtusus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 200, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus quinquepartitus L. b *inconstans* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 206, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus romeri Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 189-190, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus schenzli Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 204, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus segestrellus Fr. b *subumbonatus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 191, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus striatipes Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 204, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus subpulverulentus Pers. b *subumbonatus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 207, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus supinus Fr. b *subcarnosus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 199, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus szaboi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 188, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus sztocseki Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 193, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus thani Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 186, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus toldyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 190, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Agaricus tuberculatus Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 203, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Agaricus typhae Kalchbr. (in Rabenhorst. Fungi Eur. 306, 1861)

"In foliis putrescentibus Typhae latifoliae, ino et in vaginiis scoporum ejusdem. laetevegetantium, per paludes ad Hernadum fluvium (Scepusii) prope Olaszinum [village of Spišské Vlasy]. Julio 1860. leg. Kalchbrenner" Isotype: Rabenhorst. Fungi Eur. 306 [CUP specimen is poor - two compressed fruitbodies].

≡ *Psathyrella typhae* (Kalchbr.) Pears. & Dennis (Trans. Brit. Mycol. Soc. 31: 185, 1948)

Agaricus vulpecula Kalchbr. (in Fries, Hymenom. Europ., p. 83, 1874)

"In pinetis elatioribus, per montes Olasziensium [village of Spišské Vlasy], in terra. Sept. Oct." Neither type nor original material have been located.

= *Clitocybe amara* Alb. & Schwein. [fide Bresadola. Icon. Mycol. 1: 138, 1927] = *Leucopaxillus gentianeus* (Quél.) Kotl.

Agaricus zigmondyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 192, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Amanita vaginata (Bull.) Lam. **f. olivaceoviridis** Fábry (Čas. Českoslov. Houb.

48: 46, 1971)

"...Zoltán Novák...15.IX.1970 in fagetis prope Biely Kríž [place in Malé Karpaty Mts. near to the city of Bratislava] (Slovakia) legit." Holotype in BRA.

Wasser (Fl. Gribov Ukrainy, Bazidiomicety, Amanitalnyje griby, p. 141, 1992) transferred this variety to *Amanitopsis*, a genus which is not generally accepted by current authors, as *Amanitopsis vaginata* (Bull.) Roze var. *olivaceoviridis* (Fábry) Wasser.

Boletus depressus Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 177, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Boletus edulis Bull. **var. arenarius** Engel, Krieglsteiner & Dermek (in Engel & al., Dickröhlinge, p. 45, pl. 6, 1983)

"[village of] Studienka (Slovakia occidentalis, ČSSR), sub Pino sylvestri, solo arenoso, 16. IX. 1978." Holotype in BRA.

Boletus erythropus Pers. **var. rubropileus** Dermek (Fung. Rar. Icon. Color. 13:

10-11, pl. 103, 1984)

"[village of] Jablonožce (Central Slovakia) under Quercus, coll. Z. Novák and M. Zapařka, 7 July 1979." Holotype in BRA.

Boletus subappendiculatus Dermek, Lazebniček & Veselský (in Dermek, Fung.

Rar. Icon. Color. 9: 13, pl. 67, 1979)

"Vysoké Tatry (civitas), valles "Račkova dolina" Montibus Tatrae Altae (Slovakia septentrionalis, ČSSR), silva coniferarum, sub Picea abiete unacum Vaccinio myrtillo, 17.VIII.1974, leg. A. Dermek." Holotype in BRA.

Boletus theclae Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 178-179, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.] Neither type nor original material have been located.

Alessio (*Boletus* p. 334, 1985) treated this name in the synonymy of *Suillus elegans* (Schum.) Snell.

Calvatia hungarica Hollós (Math. Természettud. Ért. 19: 510, 1901)

"...von Adalbert Gáspár, Forstmeister in Breznóbánya (Kom. Zólyom) eingesand [sent by Adalbert Gáspár from the town of Brezno], wo er den Pilz im spätherbst ausgelesen hatte." Neither type nor original material have been located.

≡ *Handkea utriformis* (Bull.) Kreisel **var. hungarica** (Hollós) Kreisel (Nova Hedwigia 48: 289, 1989)

Calvatia tatrensis Hollós (Math. Természettud. Ért. 19: 508, 1901)

"Gesammelt von Ferdinand Filarszky in der Hohen Tatra (auf Siroka und auch auf dessen Gipfel 2226 m hoch, im halbreifen und reifen Exemplaren, am 4. August 1899) [Mt. Široká, Vysoké Tatry Mts.]. Auch in der Umgebung des Felkaer-Sees [lake Popradské pleso] gesammelt von dem Führer J. Breuer in den Monaten Juli und August." Holotype in BP.

= *Calvatia turneri* (Ellis & Everh.) Demoulin & M. Lange [fide Kreisel, Feddes Rep. 105: 373, 1994]

Clitocybe gibba (Pers.) P. Kumm. var. *adstrigens* Hagara (Česká Mykol. 44: 27, 1990)

"Slovakia, Q77/68: [city of] Bratislava, pars. 'Železná studienka, ad marginem viae silvaticae in silva mixta (Acer, Carpinus), 330 m s. m., 1.VIII.1987." Holotype in BRA.

Because the astringent taste is usually not a persistent character (present only in fresh specimens) we accept this taxon only at the rank of a form.

≡ *Clitocybe gibba* (Pers.) P. Kumm. **f. adstrigens** (Hagara) Lizoň, comb. n.
Basionym: *Clitocybe gibba* (Pers.) P. Kumm. var. *adstrigens* Hagara, Česká Mykol. 44: 27, 1990.

Cortinarius deaki Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 185, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Cortinarius melanotus Kalchbr. (in Fries, Hymenom. Europ., p. 365, 1874)

"In pinetis ad Olaszinum [village of Spišské Vlachy], Hungariae." Neither type nor original material have been located.

Cortinarius szaboi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 185)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Cortinarius szaszi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 184, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Cortinarius tatrensis Fellner & Landa (in Petrini & Laursen, Arctic Alpine Mycol. 3: 33, 1993)

"Ad terram ad Dryadeo octopetalae, Slovacia, Tatrís Beliansensis, in clivo montis Predné Jatky in altitudine 2000 m, 1. 9. 1001, leg. R. Fellner et J. Landa" Holotype in PRM.

Geastrum smardae V. J. Staněk var. *slovenicum* V. J. Staněk (in Pilát, Gasteromycetes, p. 788, 1958)

"Slovensko: [town of] Štubníanske Teplice, VIII.1932 (B. Klika)." [type cited on p. 525] Holotype in PRM.

As stated by Sunhede (Geastraceae, p. 422, 1989) the differences of this taxon are within the range of the natural variation of the typical variety of ***Geastrum smardae*** V. J. Staněk

Haasiella splendidissima Kotl. & Pouzar (Česká Mykol. 20: 136, 1966)

"Slovakia centralis, in valle Harmanecká dolina, loco Na Rábkinej skale dicto pr. Hor. Harmanec, distr. Ban. Bystrica; inter folia et ad ramos emortuos deiectos arborum frondosarum et coniferarum, 27.IX.1965 leg. Z. Pouzar, F. Kotlaba et D. A. Reid" Holotype in PRM.

Hydnum fuligineo-violaceum Kalchbr. (in Fries, Hymenom. Europ., p. 602, 1874)

"Prope Olaszinum [village of Spišské Vlasy], Scepusii, locis umbrosis, inter acus Pini coacervatas, in plaga Hydnum feracissima, ubi etiam H. geogenium squamosum, cinereum etc. legi. Sept." Neither type nor original material have been located.

≡ ***Sarcodon fuligineoviolaceus*** (Kalchbr.) Pat. (Essai Tax. Hyménom., p. 118, 1900)

Hygrophorus erubescens (Fr.) Fr. * *capreolarius* Kalchbr. (Icon. Select.

Hymenom. Hung. 2: 35, pl. 18/3, 1874)

"In pinetis umbrosis prope Olaszinum [Spišské Vlasy], paucis locis, sed ibi copiose. Sept. Oct." Neither type nor original material have been located.

≡ ***Hygrophorus capreolarius*** (Kalchbr.) Fr. (Hymenom. Eur., p. 407, 1874)

Hygrophorus hazslinszkyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 180, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Hygrophorus ipolyii Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 180, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Hygrophorus lucorum Kalchbr. (Icon. Select. Hymenom. Hung. 2: 35, pl. 19/3, 1874)

"Per juga elata montium prope Olaszinum [Spišské Vlasy], Scepusii, locis graminosis subapricis, praesertim sub Laricibus juvenilibus et ad silvarum margines ericetosas. Non omni anno et paucis modo locis obuius, sed ubi nascitus, ingenti, plerumque copia adest. Sept. Oct." Neither type nor original material have been located.

Candusso (Hygrophorus, p. 232, 1997) recognized two forms within *H. lucorum* accepting Kalchbrenner's taxon as a typical form.

Hygrophorus nympa Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 180, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Hygrophorus nympa Schulzer b *unicolor* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 180, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Hygrophorus nympa Schulzer g *luteus* Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 180, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Hygrophorus pratensis (Pers.) Murrill [var.] "*totus-flavescens*" Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 179, 1870)
[East Slovakia, Blažovská dolina valley near the city of Prešov.]
Dubious.

Hymenochaete carpatica Pilát (Mykologia 4: 124, 1927)
"ad codices Aceris platanoides in Carpatibus Minoribus prope locum Sklena Hut [Sklená huta. east to the village of Sološnica], IV. 1926, leg. Johann Hruby." Holotype in PRM.

Hypochnus atrovirens Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 116, 1897)
"ad ligna mucida arborum frondosarum pr. Prencov [village of Prenčöv]." Holotype in S, isotype in FH.
Accepted by Saccardo (Syll. Fung. 14: 228, 1899). Larsen (Tomentella, p. 28, 1974) treated the species as synonym of *Tomentella rubiginosa* (Bres.) Maire; for taxonomic position of *T. rubiginosa* see entry below.

Hypochnus elaeodes Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 115, 1897)
"(Hungaria) ad corticem et ligna Betulae etc. pr. Prencov [village of Prenčöv]."
Treated as a synonym of *Tomentella granulosa* Bourdot & Galz. by Trotter (Syll. Fung. 26: 686, 1912). Neither type nor original material have been located.
= *Tomentella punicea* (Alb. & Schwein.) J. Schröt. [fide Larsen, Tomentella, p. 26, 1974]

Hypochnus fulvo-cinctus Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 116, 1897)
"ad corticem arborum pr. Prencov [village of Prenčöv]." Holotype in S.
Accepted by Saccardo (Syll. Fung. 14: 227, 1899).

= *Tomentella ferruginea* (Pers.) Pat. [fide Larsen, *Tomentella*, p. 26, 1974]

Hypochnus rubiginosus Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 116, 1897)

"ad acus Juniperis et folia Quercus [in the environs of village of Prenčov]" Neither type nor original material have been located.

Accepted by Saccardo and Trotter (Syll. Fung. 21: 419, 1912) and by Larsen (*Tomentella*, p. 28, 1974) in *Tomentella* but treated in the synonymy of *Tomentella punicea* (Alb. & Schwein.) J. Schröt. by Koljalg (*Tomentella* in Eurasia, p. 109, 1996).

Hypochnus sitnensis Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 115, 1897)

"in trunco putris Fagi in Monte Sytno [Štiavnické vrchy Mts.]" Neither type nor original material have been located.

= *Hypochnus tristis* P. Karst. [fide Saccardo, Syll. Fung. 17: 189, 1905]

≡ *Pseudotomentella tristis* (P. Karst.) M. J. Larsen

Inocybe fastigiata (Schaeff.) Quél. subsp. *lilofastigiata* Stangl & Veselský (in Dermek & Veselský, Česká Mykol. 31: 190, 1977)

"Kopčany, distr. Senica, Slovacia Res publ. Soc., CSSR, nemore 'Sirková voda' dicto (Pineto–Qurecetum) sub Quercubus, 4.IX.1976." Holotype in BRA.

= *Inocybe vinosistipitata* Grund & Stunz [fide Kuyper, *Persoonia*, suppl. 3: 60, 1986.]

Kneiffiella bombycina P. Karst. var. *slovaca* Svrček (Česká Mykol. 12: 77, 1958)

"Slovakia: montes Slovenské Rudohorie, sub monte 'Fabova hola.' in valle 'Gajdošova dolina' dicta, ad humum et ad truncumputridissimum, probalibiter Sorbi aucupariae, 15.VIII.1950, leg. Svrček. Localitas cca 1200 m s. m. situata est." Holotype in PRM.

= *Tomentellina fibrosa* (Berk. & M. A. Curt.) M. J. Larsen [fide Larsen, *Tomentella*, p. 109, 1974] ≡ *Tomentella fibrosa* (Berk. & M. A. Curt.) Koljalg

Laccaria laccata (Scop.) Cooke var. *subalpina* Singer (Pl. Syst. Evol. 126: 365, 1977)

"CSSR: Slovakia, Hohe Tatra, [Mt.] Solisko, 1900 M. u. M., 4.9.1974, Singer" Holotype in F.

= *Laccaria laccata* (Scop.) Cooke var. *pallidifolia* (Peck) Peck [fide Mueller, *Fieldiana* (30): 35, 1992]

Laccaria laccata (Scop.) Cooke var. *tatrensis* Singer (Pl. Syst. Evol. 126: 367, 1977)

"CSSR: Slovakia, Hohe Tatra, Mala studena dolina [valley Malá studená dolina], 13.9.1974, Singer." Holotype in F.

= *Laccaria laccata* (Scop.) Cooke var. *laccata* [fide Mueller, *Fieldiana* (30): 35, 1992]

Lactarius albocremeus Z. Schaefer (Česká Mykol. 12: 211, 1958)

"Prope urbem Spišská Belá [now part of the city of Poprad] in montibus Carpaticis Centralibus in prato turfoso sub betulis salicibusque ca 800 m s. mare 11.VIII.1957 Ing. K. Kříž legit." Holotype in BRNM.

= ***Lactarius scoticus*** Berk. & Broome [fide Basso, *Lactarius*, p. 385, 1999]

Lactarius aranyi Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 183-184, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Lactarius cookei Z. Schaefer (Česká Mykol. 14: 236, 1960)

"Slovakia, Tatra Magra (Carpatorum), [village of] Lendak, leg. Dr. Kubička et Ing. Kříž, 11.8.1957." Holotype in BRNM.

The species is closely related to *L. lignyotus* Fr. and *L. picinus* Fr.

Lactarius doreri Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 184, 1870)

[East Slovakia, Blažovská dolina valley near the city of Prešov.]

Dubious.

Lactarius subtomentosus Z. Schaefer (Česká Mykol. 14: 237, 1960)

"Ad piceti marginem in Slovakia centrali. Lázně [spa and city of] Sliač, 23.11.1958, leg. Ing. Kříž." Holotype in BRNM.

The species is, according to the original description, related to *L. ichoratus* Fr. Cooke's plate (Ill. Brit. fung., no. 1010, 1888) should represent this taxon. Basso (*Lactarius*, p. 474, 1999) noted that fruitbodies are similar of those of *L. helvus* (Fr.) Fr.

Lactarius tatorum Z. Schaefer (Česká Mykol. 12: 211, 1958)

"In montibus Tatra Belaënsis Carpatorum Centralium in declivitate orientali montis Bujací solo calcareo sub Salice reticulata, Pino mugho, Dryade octopetala et Carice tatorum ca 1900 m s. mare 14.VIII. 1957 Dr. J. Kubička et Ing. K. Kříž legerunt." Holotype in BRNM.

= ***Lactarius nanus*** J. Favre [fide Basso, *Lactarius*, p. 144, 1999]

Lasiochlaena anisea Pouzar (Česká Mykol. 44: 97, 1990)

Ischnoderma resinsum (Fr.) P. Karst. sensu auct.

"Bohemoslovaquia, Slovacia orientalis, in ripa lacus "Morské oko" ap. Remetské Hámre prope Michalovce, montes Vihorlat, ad truncum iacentem Fagi sylvaticae, 21.X.1987." Holotype in PRM.

Leccinum thalassinum Pilát & Dermek (Hříbovité Huby, p. 146, pl. 82, 1974)

"Sub Betulis solo arenoso prope Gbely, Cechoslovaciae - Slovakiae occidentalis, ubi hunc fungum primum Aurelius Dermek anno 1967 observavit." Holotype in PRM.

Lenzites pinastri Kalchbr. (Icon. Select. Hymenom. Hung. 3: 49, pl. 30/3, 1875)

"In pinibus silvestribus vallis Kundratka prope Olaszinum. Autumnno." Neither type nor original material have been located.

Accepted by Saccardo (Syll. Fung. 5: 640, 1887). According to the original description the species differs from *L. betulina* only by anastomosing gills.

= *Lenzites betulina* (L.) Fr. [fide Pilát, Atlas Champ. Eur. 3: 612, 1942]

Lycoperdon pseudocepaeformis Hollós (Math. Természettud. Értes. 19: 511, 1901)

"Gesammelt von V. Greschik bei Lőcse [town of Levoča] (Kom. Szepes) auf moosiger, schattiger Wiese, am Marienberg. Frische Exemplare im August." Neither type nor original material have been located.

According to the original description the species differs from *Lycoperdon cepaeformis* Bull. (= *Bovista pusilla* (Batsch) Pers.) only by slightly larger spores and is probably conspecific with that taxon.

Macrolepiota mastoidea (Fr.) Sing. var. *atrobrunnea* Dermek (Fung. Rar. Icon.

Color. 14: 11, 1985)

"ČSSR, Slovacia occidentalis, Kopčany, in silva mixta (Pinus, Quercus), 27.X.1974, A. Dermek legit." Holotype in BRA.

= *Macrolepiota rickenii* (Velen.) Bellú & Lanzoni [fide Canduso & Lanzoni, Lepiota, p. 557, 1990]

Marasmius carpaticus Kalchbr. (Math. Természettud.Közlem. 5[1867]: 253, pl. 2/2, 1868)

"Gregarius, in pinetis montanis, inter acus delapsas et ad marginem steriles silvarum. Ut videtur, per totam Hungariam borealem frequens." Syntype: Rabenhorst, Fungi Europ. no. 1102.

≡ *Marasmius wynnei* Berk. & Broome var. *carpathicus* (Kalchbr.) Antonín ([Libri Bot. 8] Marasmius 1: 120, 1993)

Odontia conspersa Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 100, 1897)

"(Hungaria) ad truncos Alni glutinosae, Populi tremulae etc. pr. [village of] Prenčöv." Holotype in S.

= *Phanerochaete rimosa* (Cooke) Burdsall [fide Burdsall, Phanerochaete, p. 107, 1985] = *Scopuloides hydroides* (Cooke & Masee) Hjorstam & Ryvarde

Odontia papillosa Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): :98–99, 1897)

"(Hungaria) ad corticem Aceris campestris et in ligno Quercus pr.[village of] Prenčöv." Type or original material have not been located (BPI has specimen by Kmet' from Prenčöv on Abies sp.). This is a later homonym of *Odontia papillosa* (Fr.) P. Karst.

= ? *Hyphodontia nesporii* (Bres.) J. Erikss. & Hjorstam [fide Eriksson, Hjorstam & Ryvarde, Corticiaceae North Eur. 4: 655, 1976]

Oligoporus septentrionalis Vampola (Česká Mykol. 45[1991]: 147, 1992)

"Slovacia, sub cacumine montis 'Pátia' ap. Spišské Podhradie (s. m. ca 1100 m), montes Branisko, ad truncum putridum Piceae abietis, 5. IX. 1970, leg. F. Kotlaba." Holotype in PRM.

Phaeomarasmium excentris Scherff. (Hedwigia 36: 289, 1897)

"Ad corticem uncae Pyri communis viventis, Igló [city of Spišská Nová Ves], Hungaria. Non frequens, per plures annos observatus. Aestate-autumno." Neither type nor original material have been located.

= *Phaeomarasmium horizontalis* (Bull.) Kühner [fide Singer, Schweiz. Z.

Pilzk. 34: 44, 1956]

P. excentris is the type species of the new genus *Phaeomarasmium* erected by Scherffel (l. c.).

Polyporus evonymi Kalchbr. (Math. Természettud. Közlem. 5[1867]: 261, pl. 2/4, 1868)

"Ad radices Evonymi europeai et verrucosi in dumetosis prope Hernadum [river Hornád]. Vere exaridus, autumnno iterum stratose reviviscunt." Neither type nor original material have been located.

Accepted by Saccardo (Syll. Fung. 6: 182, 1888) as *Fomes loniceræ* (Weinm.)

Gillet subsp. *evonymi* (Kalchbr.) Sacc.

= *Phellinus ribis* (Schumach.) P. Karst. [fide Quélet, Bull. Soc. Bot. France 23: 149, 1876]

Polyporus hoehnelii Bres. (in Höhnel, Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl. 121: 6, 1912)

Höhnel (l. c.) cited two collections: "An morschen Stämmen von Fagus sylvatica und Carpinus betulus im Wienerwald..." and "Bei Schemnitz [city of Banská Štiavnica] in Ungarn von Kmet auf Rotbuch stämmen gesammelt." Ryvarden (Mycotaxon 33: 313, 1988) noted only "Hungary" referring probably to Kmet's specimen. Accepted by Trotter (Syll. Fung. 23: 360, 1925). Neither type nor original material have been located.

≡ *Antrodia hoehnelii* (Bres.) Niemalä (Karstenia 22: 11, 1982)

Polyporus kmetii Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 70-71, 1897)

"in ramis emortuis Quercus "Sbojnicko bralie" pr. Preňčov."

Listed by Saccardo (Syll. Fung. 14: 175, 1899). Holotype in S, isotype in BRA.

≡ *Tyromyces kmetii* (Bres.) Bondartsev & Singer (Ann. Mycol. 39: 52, 1941)

Polyporus melleo-fuscus Bolla (Math. Természettud. Közlem. 12[1874]: 131, 1876)

"In silvis montanis ad desectos Tiliarum truncos circum Posonium [city of Bratislava], autumnno in primum ver." Neither type nor original material have been located.

Dubious.

Polyporus scutiger Kalchbr. (Math. Természettud. Közlem. 5: 259, pl. 2/3, 1868)

"Mogyoróbokrok közt, a Sz.-Olaszi hegységen [in the mountains of the village Spišské Vlchy]." Neither type nor original material have been located.

This is a later homonym of *Polyporus scutiger* Fr. (1828). New name:

Polyporus kalchbrenneri Fr. (Hymenom. Eur., p. 531, 1874: "In coryletis ad Olaszinum Hungariae."). For details see Lizoň (Czech Mycol. 49: 166, 1997).

Accepted by Saccardo and Traverso (Syll. Fung. 20: 504, 1919) as *Polystictus kalchbrenneri* (Fr.) Cooke.

= *Polystictus tomentosus* (Fr.) P. Karst. [fide Pilát, Atlas Hub. Evrop. 1: 583, 1942] ≡ *Onnia tomentosa* (Fr.) P. Karst.

Poria ambigua Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 84, 1897)
 "ad truncos Fagi, Carpini et Piri communis pr. Prencov [village of Prenčov]."
 Listed by Saccardo (Syll. Fung. 14: 189, 1899). Holotype in BPI.
 = *Oxyporus latemarginatus* (Dur. & Mont.) Donk [fide Lowe, Polypor. N. America, Poria, p. 17, 1977]

Poria confusa Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 87, 1897)
 "ad ramos corticatos Alni glutinosae 'Uhrinojo dolinka' pr. Prencov [village of Prenčov]."
 Listed by Saccardo (Syll. Fung. 14: 189, 1889). Holotype in S.
 = *Schizopora flavipora* (Cooke) Ryvarden [fide Ryvarden, Mycotaxon 33: 307, 1988]

Poria fulvescens Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 81, 1897)
 "in trunco Populi tremulae in Monte Sytno pr. Prencov [village of Prenčov]." Holotype in BPI.
 = *Poria aneirina* "Somm." [fide Bresadola, Ann. Mycol. 18: 69, 1920]
 ≡ *Ceriporiopsis aneirina* (Fr.) Domański

Poria nigrescens Bres. (Atti. R. Acc. Sc. Lett. Arti Agiati, ser. 3, 3(1-2): 83, 1897)
 "ad truncos emortuos Abietis pectinatae in Monte Sytno pr. Prencov [village of Prenčov]." Holotype in S, isotypes in BPI and BRA.
 Accepted by Saccardo (Syll. Fung. 14: 190, 1899).
 = *Rigidoporus crocatus* (Pat.) Ryvarden [fide Ryvarden, Mycotaxon 33: 317, 1988]

Russula alba Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 182, 1870)
 [East Slovakia, Blažovská dolina valley near the city of Prešov.]
 Dubious.

Russula dryadicola Fellner & Landa (in Petrini & Laursen, Alpine Arctic Mycol. 3: 34, 1993)
 "Hlúpy vrch: 2020 m, Dryas octopetala, Salix reticulata, 1. 9. 1991" Holotype in PRM.
 The varietal epithet "alpina" was later validated (Singer, Hedwigia 66: 197, 1926). Fellner and Landa proposed a new epithet at specific rank rather than raising Singer's epithet, which was their option under the Code.

Russula rugosa Schulzer (Verh. Zool.-Bot. Ges. Wien 20: 182, 1870)
 [East Slovakia, Blažovská dolina valley near the city of Prešov.]
 Dubious.

Skepperia carpatica Pilát (Bull. Soc. Mycol. France 43: 55, 1927)

"Ad truncum putrescentem Piceae excelsae ad rivum montanum, Tatra Magna Carpatorum Centralium inter Novy Smokovec et Slezsky Dom sub monte Gerlachovka in alt. ca 1300 m., 23, VII, 1926, ipse legi." Holotype in PRM?

≡ *Cotylidia carpatica* (Pilát) Huijsman (Bull. Soc. Mycol. France 70: 57, 1954)

Stereum subtomentosum Pouzar (Česká Mykol. 18:147, 1964)

"Slovakia orientalis: montes 'Vihorlat', inter montes 'Fetkov' et 'Vortas'; ad truncum Fagi silvaticae, 3.VIII.1961." Holotype in PRM.

Thanatephorus ovalisporus Čížek & Pouzar (Česká Mykol. 46[1992]: 62, 1993)

"Bohemoslovenia, Slovakia, montes Slovenske rudohorie, sylva boreo a Vrchslatina ap. Lom nad Rimavicou prope Detva; ad ramum Piceae abietis, cca 950 m s. m., 29.VII.1989, leg. Z. Pouzar." Holotype in PRM.

Tricholoma singeri Kuthan (Česká Mykol. 36: 10, 1982)

"CSSR, NW Slovakia, Raková distr. Cadca (village-part Petrová), in the valley called Korcháň, in coniferous wood on grassy moss-rich ground under Pinus and Juniperus (+Picea), 29.IX.1975." Holotype in PRM.

The species was erected as different from *Tricholoma maluvium* Fr. Bon and Riva (Atti del Convegno Intern. di Borgo Val di Taro, p. 33, 1986) proposed for the same taxon probably a superfluous new name *Tricholoma joachimii*.

Tulostoma atrum Bolla (Math. Természettud. Közlem. 12[1874]: 132, 1876)

"In pinetis montanis ad Ponium vere in autumnum." Neither type nor original material have been located.

= *Geastrum bryantii* Berk. [fide Hollós, Gasterom. Ungarns, p. 151, 1904; he has saw Bolla's specimen in Haynald's collection] = *Geastrum striatum* DC.

Tulostoma kotlabae Pouz. (in Pilát, Gasteromycetes, p. 814-815, 1958)

"Slovensko: Kúty, sev. od Bratislavy; u trati blízke miesta 'U krúžku' 25.IX.1954 (Kotlaba)." [type cited on p. 599] Holotype in PRM.

Xerocomus chrysenteron (Bull.) Quél. var. *robustus* Dermek (Čas. Českoslov. Houb. 50: 80, 1973)

"[near the village of] Dubodiel (distr. Trenčín), 23.IX.1972, leg. A. Dermek." Holotype in BRA.

= *Boletellus fragilipes* (C. Martin) Kuthan [fide Alessio, Boletus, suppl., p. 67, 1991] = *Xerocomus pruïnatus* (Fr. & Hök) Quél.

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