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Checklists of the myxomycetes, larger ascomycetes, and larger basidiomycetes in Turkey

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surrounded by eight countries (Bulgaria, Greece, Iran, Georgia, Iraq, Syria, Armenia and Nakhchivan) and three basins (Black Sea, Aegean Sea, and Mediterranean Sea)

The topography of Turkey is largely hilly and mountainous across Anatolia (Atalay 1994). Geologically, Turkey is a part of the Alpine belt that extends from the Atlantic Ocean to the Himalaya Mountains and is one of the world's more active earthquake and volcano regions. The topography of Turkey is a result of a variety of tectonic processes that have formed Anatolia over millions of years. The Asiatic Turkey flat land is scattered and confined to the deltas of Kızılırmak, Gediz, Büyükenderes rivers, the coastal plains of Antalya and Adana, Salt Lake, Konya Basin, and some interior high plains in Anatolia (URL 1). Anatolia is a high plateau rising towards the east, containing many lakes, and broken up by river valleys.

Diverse regions of Turkey have different climates, for instance, temperate climate in the Black Sea region, Mediterranean climate in the Aegean and Mediterranean regions, and continental climate in the interior. The wide range of temperature and precipitation conditions and the irregular topographic structure of Anatolia have created a great diversity of ecological conditions.

On one hand, Turkey is among the richest floristic centres in the world (Anşin 1983) and according to Davis *et al.* (1971) represents the meeting ground of three phytogeographical regions: Euro-Siberian, Mediterranean, and Irano-Turanian (Fig. 2).

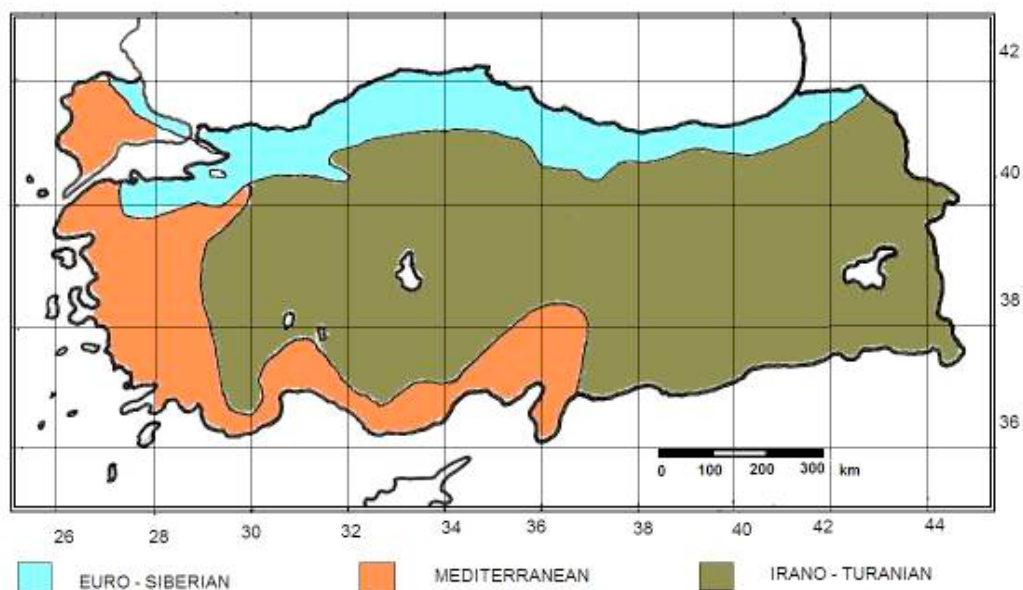


Fig. 2. Phytogeographical regions in Turkey (after Davis *et al.* 1971)

On the other hand, according to the climate, location, agricultural diversities, topography, flora, and fauna, Turkey is divided into seven geographical regions: Black Sea, Marmara, Aegean, Mediterranean, East Anatolian, South Anatolian, and Central Anatolian (Fig. 3).

The Black Sea Region of Turkey has steep mountains and is covered by deciduous, coniferous, and mixed forests. The area has a rocky coast with rivers, and from the west to the east the narrow coastal strip widens at several places into fertile cultivated deltas. The mild, damp climate of the region is favourable for farming. Various vegetables, fruits, tobacco, rice, and hazelnuts are produced in the middle Black Sea region. The Trabzon, Giresun, and Ordu are the most important places for the production of hazelnuts. Quality tea (*Camellia sinensis* (L.) Kuntze) is produced in Rize, Trabzon, and their surroundings. The western part of the Black Sea region is a centre of heavy industry. Mountain ranges, running in parallel to the Black Sea, create a barrier for rain clouds moving inland. This is an important factor in determining the ecological conditions of the region. The principal rivers of the Black Sea basin are Sakarya, Yeşilırmak, Kızılırmak, and Çoruh. These rivers flow from the mountains toward the Black Sea. Smaller rivers of the region are İkizdere, Harşit çayı, Fırtına deresi, and Tortum River.

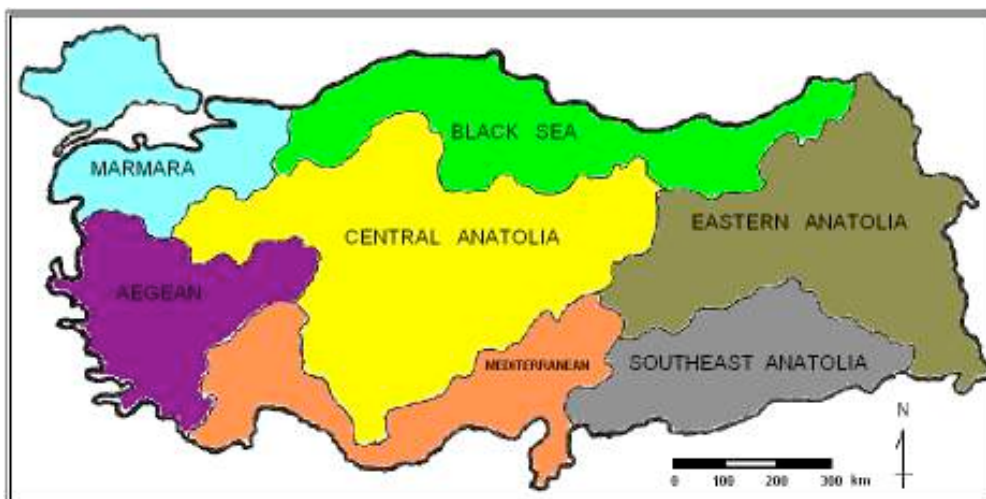


Fig. 3. Geographical regions of Turkey

The European part of Turkey is generally flat in comparison with Black Sea Region and is favourable for agriculture. The Bosphorus links the Black Sea and the Sea of Marmara; and the Dardanelles Strait links the Sea of Marmara and the Aegean. The most important valleys are the Kocaeli and the Bursa Basin. The biggest city of Turkey is İstanbul, located in

the Marmara Region. The principal rivers of the Marmara region are Simav and Susurluk.

The most common trees and shrubs of the Euro-Siberian phytogeographical region of Turkey are as follows: *Abies bornmuelleriana* Mattf., *A. equi-trojani* (Asch. & Sint. ex Boiss.) Mattf., *A. nordmanniana* Spach, *Acer campestre* L., *A. platanoides* L., *A. trautvetteri* Medvedev, *Alnus barbata* C.A. Mey., *A. glutinosa* (L.) Gaertn., *Carpinus betulus* L., *C. orientalis* Mill., *Castanea sativa* Mill., *Corylus avellana* L., *Daphne pontica* L., *Fagus orientalis* Lipsky, *Hedera colchica* (K. Koch.) K. Koch., *Prunus laurocerasus* L., *Osmanthus decorus* (Boiss. & Balansa) Kasapligil, *Picea orientalis* (L.) Link., *Pinus nigra* subsp. *pallasiana* (Lamb.) Holmboe, *P. sylvestris* L., *Quercus frainetto* Ten., *Q. hartwissiana* Steven, *Q. petraea* subsp. *iberica* (Steven ex M. Bieb.) Krassiln., *Q. pontica* K. Koch., *Q. robur* L., *Rhododendron caucasicum* Pall., *Rh. luteum* Sweet, *Rh. ponticum* L., *Rh. smirnowii* Trautv., and *Tilia tomentosa* Monench.

Aegean region is located at the western side of Anatolia. This region has a fertile soil and Mediterranean climate with tepid, rainy winters and hot, dry summers. Alluvium carried by the rivers has created fertile plains in the region. The mountain ranges permit the maritime climate to prevail several hundred kilometres inland. Main rivers of the region are the Büyük Menderes and Gediz.

Mediterranean region has warm climate; bananas, citrus fruits, grapes, wheat, rice, cotton, and various vegetables are grown in the area. The region is separated from Anatolia by the Taurus Mountains which rise sharply from the coast to high elevations between Adana and Antalya. Taurus Mountains are parallel to the Mediterranean coast and create a barrier for rain clouds moving inland. Principal rivers of the Mediterranean region are the Manavgat, Aksu, Köprüçay, Göksu, Seyhan, and Ceyhan. The most important taxa of the Mediterranean phytogeographical region are *Abies cilicica* (Antoine & Kotschy) Carr., *Arbutus unedo* L., *Cedrus libani* A. Rich., *Ceratonia siliqua* L., *Cercis siliquastrum* L., *Cistus creticus* L., *Cupressus sempervirens* L., *Ficus carica* L., *Juniperus excelsa* M. Bieb., *J. foetidissima* Willd., *J. oxycedrus* L., *J. phoenicea* L., *Laurus nobilis* L., *Myrtus communis* L., *Nerium oleander* L., *Olea europaea* L., *Pinus brutia* Ten., *P. halepensis* Mill., *P. nigra* subsp. *pallasiana* (Lamb.) Holmboe, *P. pinea* L., *Pistacia terebinthus* L., *Quercus aegilops* L., *Q. cerris* L., *Q. coccifera* L., *Q. ilex* L., *Q. infectoria* Oliv., *Q. libani* Oliv., *Q. pubescens* Willd., *Ruscus aculeatus* L., and *Spartium junceum* L.

The semiarid highlands of Central Anatolia occupy the area between North Anatolian

and Taurus mountains. Northeast and northwest of the plateau are covered by forests. Konya Basin and the Salt Lake are the two largest basins on the plateau. The capital city of Turkey (Ankara) is located in this region. This geographical region receives little annual rainfall and the amount changes from year to year. The plateau has cold weather with heavy snow during winters and takes too much heat during summers. Central Anatolian basin contains the Salt Lake, Seyfe, Kulu, and few smaller lakes.

North Anatolian and Taurus mountain ranges converge in the Eastern Anatolia. The region is known as the Anti-Taurus and has more severe climate and greater precipitation. Mount Ararat is located in the Anti-Taurus which is the highest point (5137 m) in Turkey. Many of the Anti-Taurus peaks are recently extinct volcanoes and Lake Van is one of them (URL 1). Euphrates, Tigris, Aras, and several smaller streams arise in the Anti-Taurus. The area is known for severe winters with heavy snowfalls. A few valleys and plains between these mountains are suitable for agriculture of oats, barley, wheat, and many vegetables. Southeast Anatolia, located on the south of the Anti-Taurus, is a broad plateau extended up to Syria.

The most common taxa of the Irano-Turanian phytogeographical region are *Acantholimon venustum* Boiss., *Acer cappadocicum* Gleditsch, *A. tataricum* L., *Artemisia fragrans* Willd., *Astragalus microcephalus* Willd., *Berberis crataegina* DC., *B. vulgaris* L., *Betula pendula* Roth., *Centaurea iberica* Trevir. ex Spreng., *Cotoneaster nummularia* Fisch. et Mey., *C. morulus* Pojark., *Dianthus anatolicus* Boiss., *Geranium tuberosum* L., *Juniperus excelsa* Bieb., *J. oxycedrus* L., *Quercus brantii* Lindl., *Q. infectoria* subsp. *boissieri* (Reuter) O. Schwarz, *Q. libani* Oliv., *Q. pubescens* Willd., *Populus tremula* L., *Rhamnus pallasii* Fisch. & C.A. Mey., *Rosa canina* L., *Silene acaulis* L., *Teucrium polium* L., and *T. orientale* L.

A number of studies on the mycota of Turkey have been published. Contemporary knowledge on the diversity of Turkish myxomycetes and macrofungi is based on a period of more than 95 years of investigations. In the course of gathering literature sources, we found 401 scientific works, containing various Turkish records of myxomycetes and macrofungi. During the 1990s and first half of 2000s, the accumulation of a huge number of records, without a published catalogue of the macrofungi in Turkey, allowed room for many mistakes, sometimes even their multiplication, in mycological papers, especially in some articles concerning new Turkish records. In the past, some species were published as new records

many times and in different years by one and the same or different authors, and in one and the same or different journals.

The first contribution to the macrofungi from Turkey was published by K. Vlaev in 1915. Sesli & Baydar (1995, 1996) presented the first checklists of macrofungi, including *Russulaceae* and *Agaricales*, respectively. The first checklist of myxomycetes was compiled by Ergül & Dülger (2000). Sesli & Denchev (2005) published a checklist of myxomycetes and the first complete checklist of macrofungi and their synonyms, recorded in the literature about Turkish fungi. Additional checklists of myxomycetes (Dülger 2007) and macrofungi (Solak *et al.* 2007) have recently appeared.

The aim of this new edition of the checklists is a further attempt to summarize and completely present the correct names of species of myxomycetes, larger ascomycetes, and larger basidiomycetes currently known in Turkey, as well as to list their synonymous names occurring in the available sources on the fungi in Turkey. We hope that this paper will be a guide for future studies and a helpful source for creation of a database of the Turkish mycota.

We intend to update regularly the Internet version of the checklists.

Materials and Methods

Main lists of myxomycetes, larger ascomycetes, and larger basidiomycetes have been developed. The taxa are given in alphabetical order. The numbers within square brackets, following the authors of each species or infraspecific taxon, refer to the reference(s) where the taxon is reported. A number [001-400] and letters (e.g., a, b, c) are assigned to each reference in the section “Bibliography of the contributions to myxomycetes, larger ascomycetes, and larger basidiomycetes in Turkey”. The generic and species treatment follows many of the recent monographs, particular articles on the European fungi and URL 2-4. The names of authors of fungal taxa are abbreviated according to Kirk & Ansell (1992) and Kirk *et al.* (2004).

Because many species have been published under different names, a thesaurus of synonyms is separately listed with references to the correct names used in the main lists. A list of excluded records, providing reasons for their exclusion, is also appended.

A list of myxomycetes

Protosteliomycetes

Protosteliales

Ceratiomyxaceae

Ceratiomyxa fruticulosa (O.F. Müll.) T. Macbr. [047, 061, 105, 119, 127, 128, 158, 243, 366, 367]

Myxomycetes

Echinosteliales

Clastodermataceae

Clastoderma debaryanum A. Blytt [105, 119, 128, 243], *C. pachypus* Nann.-Bremek. [105, 119]

Echinosteliaceae

Echinostelium apitectum K.D. Whitney [105, 128], *E. arboreum* H.W. Keller & T.E. Brooks [105, 119, 128], *E. coelocephalum* T.E. Brooks & H.W. Keller [105, 119], *E. colliculosum* K.D. Whitney & H.W. Keller [105, 119, 159], *E. corynophorum* K.D. Whitney [105, 119, 157], *E. cribrarioides* Alexop. [105, 119], *E. elachiston* Alexop. [105, 119, 158], *E. fragile* Nann.-Bremek. [105, 119, 157], *E. ladoi* Pando [105, 252], *E. minutum* de Bary [047, 105, 114, 119, 128, 158, 159, 241, 243, 367]

Liceales

Cribrariaceae

Cribraria argillacea (Pers. ex J.F. Gmel.) Pers. [047, 061, 105, 122, 127, 243], *C. aurantiaca* Schrad. [105, 119, 127, 367], *C. cancellata* (Batsch) Nann.-Bremek. [047, 061, 105, 114, 119, 123, 127, 128, 241, 243, 365, 367, 372], *C. confusa* Nann.-Bremek. & Y. Yamam. [128], *C. elegans* Berk. & M.A. Curtis [105, 122, 128], *C. intricata* Schrad. [047, 061, 105, 243, 367], *C. languescens* Rex [047, 105, 367, 369, 370], *C. macrocarpa* Schrad. [105, 243], *C. microcarpa* (Schrad.) Pers. [105, 122, 128, 243], *C. minutissima* Schwein. [105, 119], *C. mirabilis* (Rostaf.) Masee [371], *C. personii* Nann.-Bremek. [105, 365, 366, 367], *C. piriformis* Schrad. [047, 371], *C. tenella* Schrad. [105, 122, 127], *C. violacea* Rex [105, 114, 119, 128, 159, 367], *C. vulgaris* Schrad. [047, 061, 105, 252, 367]

Lindbladia tubulina Fr. [105, 122, 128]

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Dictydiaethaliaceae

Dictydiaethalium plumbeum (Schumach.) Rostaf [049]

Liceaceae

Licea belmontiana Nann.-Bremek. [105, 128, 252, 367], *L. biforis* Morgan [105, 243, 367], *L. castanea* G. Lister [047, 105, 119, 128, 241, 367], *L. denudescens* H.W. Keller & T.E. Brooks [105, 119, 159, 241], *L. inconspicua* T.E. Brooks & H.W. Keller [105, 128, 252], *L. kleistobolus* G.W. Martin [047, 105, 119, 128, 158, 159, 243], *L. marginata* Nann.-Bremek. [371], *L. minima* Fr. [047, 061, 105, 119, 243, 367], *L. operculata* (Wingate) G.W. Martin [105, 119, 243, 367], *L. parasitica* (Zukal) G.W. Martin [105, 119, 128, 243], *L. pedicellata* (H.C. Gilbert) H.C. Gilbert [047, 105, 119], *L. perexigua* T.E. Brooks & H.W. Keller [105, 252], *L. punctiformis* G.W. Martin [105, 119, 128], *L. pusilla* Schrad. [061, 105, 119, 128, 243], *L. pygmaea* (Meyl.) Ing [105, 114, 119], *L. scyphoides* T.E. Brooks & H.W. Keller [105, 128], *L. synsporos* Nann.-Bremek. [105, 242], *L. tenera* E. Jahn [105, 119, 128, 241], *L. tuberculata* G.W. Martin [105, 241], *L. variabilis* Schrad. [047, 105, 242]

Reticulariaceae

Lycogala epidendrum (L.) Fr. [047, 061, 085, 105, 114, 119, 127, 128, 156, 158, 178, 223, 237, 243, 266, 268, 276, 317, 338], *L. exiguum* Morgan [105, 243, 252], *L. flavofuscum* (Ehrenb.) Rostaf. [105, 119, 127, 128]

Reticularia jurana Meyl. [105, 128], *R. liceoides* (Lister) Nann.-Bremek. [126], *R. lycoperdon* Bull. [081, 105, 223], *R. splendens* Morgan [105, 119, 150, 156, 317, 329]

Tubulifera arachnoidea Jacq. [105, 122, 128, 243, 367]

*Physarales**Didymiaceae*

Diderma asteroides (Lister & G. Lister) G. Lister [062], *D. carneum* [048], *D. chondrioderma* (de Bary & Rostaf.) G. Lister [105, 114, 119, 128], *D. crustaceum* Peck [107], *D. donkii* Nann.-Bremek. [062], *D. hemisphaericum* (Bull.) Hornem. [105, 119, 243], *D. niveum* (Rostaf.) T. Macbr. [105, 128], *D. testaceum* (Schrad.) Pers. [105, 122, 128]

Didymium anellus Morgan [105, 243], *D. annulisporum* H.W. Keller & Schokn. [062],

D. bahiense Gottsb. [047, 105, 122, 128], *D. crustaceum* Fr. [105, 241], *D. difforme* (Pers.) Gray [047, 105, 119, 367], *D. eximium* Peck [105, 122, 128], *D. floccosum* G.W. Martin, K.S. Thind & Rehill [105, 109, 114, 119], *D. iridis* (Ditmar) Fr. [047, 105, 242], *D. melanospermum* (Pers.) T. Macbr. [049], *D. minus* (Lister) Morgan [105, 119], *D. nigripes* (Link) Fr. [105, 122, 128, 243], *D. pertusum* Berk. [062], *D. quitense* (Pat.) Torrend [105, 119, 159, 241, 243], *D. squamulosum* (Alb. & Schwein.) Fr. [047, 105, 119, 159, 241, 243], *D. sturgisii* Hagelst. [105, 128]

Mucilago crustacea F.H. Wigg. [105, 119, 120]

Physaraceae

Badhamia affinis Rostaf. [105, 128, 159, 366], *B. capsulifera* (Bull.) Berk. [105, 122, 366, 367], *B. dubia* Nann.-Bremek. [108], *B. foliicola* Lister [047, 105, 114, 119, 128, 159, 241, 243, 366], *B. goniospora* Meyl. [105, 128, 367], *B. gracilis* (T. Macbr.) T. Macbr. [107], *B. macrocarpa* (Ces.) Rostaf. [047, 061, 105, 119, 128, 241, 367], *B. nitens* Berk. [105, 119, 128], *B. panicea* (Fr.) Rostaf. [061, 105, 119, 159, 241, 243, 367], *B. papaveracea* Berk. & Ravenel [105, 128], *B. populina* Lister & G. Lister [047, 105, 128], *B. utricularis* (Bull.) Berk. [047, 105, 252, 367], *B. versicolor* Lister [105, 119, 128, 159], *B. viridescens* Meyl. [105, 119]

Badhamiopsis ainoae (Yamash.) T.E. Brooks & H.W. Keller [105, 119, 128, 241]

Craterium concinnum Rex [105, 243], *C. leucocephalum* (Pers. ex J.F. Gmel.) Ditmar [126], *C. minutum* (Leers) Fr. [105, 122, 127]

Fuligo septica (L.) F.H. Wigg. [047, 105, 119, 122, 124, 127, 128, 243, 371]

Leocarpus fragilis (Dicks.) Rostaf. [105, 114, 119, 243, 366]

Physarum album (Bull.) Chevall. [047, 061, 105, 109, 114, 119, 127, 128, 243, 367, 372], *Ph. auriscalpium* Cooke [047, 105, 128, 158], *Ph. bitectum* G. Lister [105, 119, 159], *Ph. cinereum* (Batsch) Pers. [047, 105, 119, 158, 241, 243], *Ph. compressum* Alb. & Schwein. [047, 105, 119], *Ph. contextum* (Pers.) Pers. [105, 119, 159], *Ph. decipiens* M.A. Curtis [105, 109, 119, 128, 159, 241, 366, 372], *Ph. flavicomum* Berk. [105, 122, 127], *Ph. galbeum* [106], *Ph. globuliferum* (Bull.) Pers. [105, 128], *Ph. leucophaeum* Fr. [047, 105, 119, 241, 367], *Ph. leucopus* Link [105, 241], *Ph. luteolum* Peck [105, 252], *Ph. notabile* T. Macbr. [047, 105, 122, 128, 241], *Ph. oblatum* T. Macbr. [047, 105, 119], *Ph. ovisporum* G. Lister [105, 122], *Ph. pulcherrimum* Berk. & Ravenel [126], *Ph. pusillum* (Berk. & M.A.

Curtis) G. Lister [105, 109, 113, 114, 119, 241, 372], *Ph. robustum* (Lister) Nann.-Bremek. [371], *Ph. vernum* Sommerf. [105, 252], *Ph. viride* (Bull.) Pers. [047, 105, 114, 119, 127, 243, 367]

Protophysarum phloiogenum M. Blackw. & Alexop. [105, 252]

Willkommlangea reticulata (Alb. & Schwein.) Kuntze [048]

Stemonitales

Stemonitidaceae

Amaurochaete atra (Alb. & Schwein.) Rostaf. [006, 047, 105, 119, 334, 371]

Collaria arcyronema (Rostaf.) Nann.-Bremek. ex Lado [105, 128, 252], *C. lurida* (Lister) Nann.-Bremek. [047, 061, 105, 119, 241, 243], *C. rubens* (Lister) Nann.-Bremek. [105, 158]

Comatricha elegans (Racib.) G. Lister [047, 105, 119, 159, 243], *C. ellae* Härk. [047, 105, 119, 366], *C. laxa* Rostaf. [047, 061, 105, 109, 114, 119, 128, 159], *C. nigra* (Pers. ex J.F. Gmel.) J. Schröt. [047, 061, 105, 109, 114, 119, 128, 159, 241, 243, 367, 372], *C. pulchella* (C. Bab.) Rostaf. [047, 061, 105, 121, 243, 367, 372], *C. suksdorfii* Ellis & Everh. [111], *C. tenerrima* (M.A. Curtis) G. Lister [105, 243]

Diachea leucopodia (Bull.) Rostaf. [105, 119, 159]

Enerthenema papillatum (Pers.) Rostaf. [047, 061, 105, 119, 159, 241, 243, 366, 367]

Lamproderma arcyrioides (Sommerf.) Rostaf. [105, 119, 158], *L. columbinum* (Pers.) Rostaf. [105, 252], *L. scintillans* (Berk. & Broome) Morgan [105, 243]

Macbrideola cornea (G. Lister & Cran) Alexop. [047, 105, 119, 128, 158, 159, 243, 366, 367], *M. decapillata* H.C. Gilbert [047, 105, 109, 119, 128, 367, 372], *M. dubia* Nann.-Bremek. & Y. Yamam. [105, 128], *M. macrospora* (Nann.-Bremek.) Ing [105, 367, 369, 370], *M. martini* (Alexop. & Beneke) Alexop. [047, 105, 252], *M. scintillans* H.C. Gilbert [105, 122, 128], *M. synsporos* (Alexop.) Alexop. [047, 105, 119, 128]

Paradiacheopsis acanthodes (Alexop.) Nann.-Bremek. [105, 116, 243], *P. cribrata* Nann.-Bremek. [105, 252], *P. fimbriata* (G. Lister & Cran) Hertel ex Nann.-Bremek. [047, 105, 119, 158, 159], *P. microcarpa* (Meyl.) D.W. Mitch. ex Ing [105, 252], *P. rigida* (Brândză) Nann.-Bremek. [105, 116, 252], *P. solitaria* (Nann.-Bremek.) Nann.-Bremek. [105, 116]

Stemonaria irregularis (Rex) Nann.-Bremek., R. Sharma & Y. Yamam. [105, 122, 371]

Stemonitis axifera (Bull.) T. Macbr. [047, 105, 122, 127, 128, 243], *S. flavogenita* E. Jahn [047, 105, 119, 127, 128, 159, 366], *S. fusca* Roth [047, 105, 109, 114, 119, 127, 159, 243, 366], *S. herbatica* Peck [047, 105, 122, 127, 128, 243, 372], *S. pallida* Wingate [047, 105, 122, 127, 128, 367], *S. smithii* T. Macbr. [047, 061, 105, 122, 127, 128, 243], *S. splendens* Rostaf. [105, 119, 127, 128, 366], *S. virginiensis* Rex [105, 122, 127, 128, 367]

Stemonitopsis amoena (Nann.-Bremek.) Nann.-Bremek. [047, 105, 366, 368], *S. gracilis* (G. Lister) Nann.-Bremek. [105, 366, 368], *S. hyperopta* (Meyl.) Nann.-Bremek. [047, 105, 119, 241, 243, 367], *S. microspora* (Lister) Nann.-Bremek. [105, 118, 367], *S. reticulata* (H.C. Gilbert) Nann.-Bremek. & Y. Yamam. [047, 105], *S. subcaespitosa* (Peck) Nann.-Bremek. [105, 122], *S. typhina* (F.H. Wigg.) Nann.-Bremek. [105, 118, 119, 127, 128, 158]

Symphycarpus flaccidus (Lister) Ing & Nann.-Bremek. [105, 115, 119], *S. impexus* Ing & Nann.-Bremek. [049]

Trichiales

Arcyriaceae

Arcyria affinis Rostaf. [105, 122, 127, 367], *A. anulifera* G. Lister & Torrend [105, 252], *A. cinerea* (Bull.) Pers. [047, 061, 105, 109, 119, 127, 128, 158, 159, 241, 243, 367], *A. denudata* (L.) Wettst. [047, 105, 119, 127, 128, 158, 243], *A. ferruginea* Saut. [105, 122], *A. globosa* Schwein. [047, 061, 105, 243, 366, 367], *A. incarnata* (Pers. ex J.F. Gmel.) Pers. [047, 061, 105, 109, 119, 127, 128, 243, 366, 367, 369, 372], *A. insignis* Kalchbr. & Cooke [047, 105, 119, 127, 128, 243], *A. magna* Rex [061, 105, 243], *A. major* (G. Lister) Ing [105, 366], *A. minuta* Buchet [105, 117, 119, 122], *A. nigella* Emoto [105, 243], *A. obvelata* (Oeder) Onsberg [047, 061, 105, 109, 114, 119, 127, 128, 241, 243, 366, 367, 371], *A. occidentalis* (T. Macbr.) G. Lister [105], *A. oerstedii* Rostaf. [105, 109, 367, 369], *A. pomiformis* (Leers) Rostaf. [047, 061, 105, 119, 127, 158, 159, 241, 243, 367], *A. stipata* (Schwein.) Lister [061, 105, 122, 127], *A. versicolor* W. Phillips [105, 119, 158, 241, 243]

Dianemataceae

Calomyxa metallica (Berk.) Nieuwl. [105, 119]

Dianema corticatum Lister [105, 243], *D. harveyi* Rex [105, 128], *D. repens* G. Lister & Cran [105, 122]

Trichiaceae

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Amanita alba Pers. [002, 084, 093, 354], *A. argentea* Huijsman [375], *A. battarrae* (Boud.) Bon [024, 297, 352, 375], *A. caesarea* (Scop. : Fr.) Pers. [002, 156, 175, 177, 178, 179, 191, 235, 253, 277, 282, 283, 289, 295, 297, 301, 313, 331, 335, 375], *A. ceciliae* (Berk. & Broome) Bas [063, 179], *A. citrina* (Schaeff.) Pers. var. *citrina* [019, 024, 025, 046, 094, 149, 195, 247, 248, 261, 266, 268, 297, 316, 374, 375], *A. citrina* var. *alba* (Gillet) E.-J. Gilbert [374], *A. codinae* (Maire) Bertault [175, 177, 297, 324], *A. crocea* (Quél.) Singer [289, 323], *A. echinocephala* (Vittad.) Quél. [084, 086, 352, 374, 375], *A. eliae* Quél. [086, 353, 375], *A. franchetii* (Boud.) Fayod [023, 039, 293, 294, 295], *A. friabilis* (P. Karst.) Bas [039, 080, 085], *A. fulva* (Schaeff.) Pers. [069, 084], *A. gemmata* (Fr.) Bertill. [011, 018, 023, 025, 083, 084, 085, 086, 156, 238, 239, 271, 297, 311, 313, 324, 352, 358, 373, 374], *A. lividopallescens* (Boud.) Kühner & Romagn. [085], *A. mairei* Foley [036, 039], *A. muscaria* (L. : Fr.) Pers. var. *muscaria* [023, 046, 069, 078, 083, 085, 086, 149, 156, 178, 195, 238, 239, 247, 248, 282, 289, 295, 297, 305, 311, 313, 331, 344, 351, 352, 358], *A. nivalis* Grev. [215, 358], *A. ovoidea* (Bull. : Fr.) Quél. [007, 010, 038, 039, 070, 074, 085, 093, 104, 132, 140, 165, 175, 177, 179, 297, 316, 348, 350, 373, 375, 383, 390], *A. pantherina* (DC. : Fr.) Krombh. var. *pantherina* [023, 024, 025, 039, 073, 069, 072, 083, 084, 085, 086, 149, 156, 166, 175, 178, 215, 218, 235, 238, 239, 248, 268, 294, 295, 297, 316, 323, 351, 352, 374], *A. pantherina* var. *multisquamosa* (Peck) Jenkins [352, 353], *A. phalloides* (Vaill. : Fr.) Link [046, 094,

135, 136, 139, 166, 175, 195, 238, 239, 248, 268, 295, 297, 344], *A. porphyria* Alb. & Schwein. : Fr. [084, 175], *A. regalis* (Fr.) Michael [356], *A. rubescens* Pers. : Fr. var. *rubescens* [025, 039, 056, 059, 069, 070, 084, 085, 086, 149, 175, 179, 231, 237, 238, 239, 247, 267, 268, 276, 282, 283, 289, 295, 297, 305, 374], *A. rubescens* var. *annulosulphurea* Gillet [156, 179], *A. spissa* (Fr.) P. Kumm. [024, 025, 029, 078, 085, 247, 282, 297, 350, 358, 381], *A. strobiliformis* (Paulet ex Vittad.) Bertill. [029, 038, 039, 085, 295, 352], *A. subalpina* M.M Moser [383], *A. submembranacea* (Bon) Gröger [074, 295], *A. vaginata* (Bull. : Fr.) Vittad. var. *vaginata* [022, 024, 025, 041, 073, 072, 084, 140, 142, 145, 146, 149, 156, 168, 171, 174, 175, 179, 203, 205, 215, 227, 237, 238, 239, 251, 265, 266, 267, 268, 271, 273, 276, 295, 297, 305, 323, 343, 350, 352, 362, 374, 375, 378, 381], *A. vaginata* var. *alba* Gillet [218, 220, 297], *A. valens* (E.-J. Gilbert) Bertault [297, 362], *A. verna* (Bull. : Fr.) Lam. [069, 239, 248, 297, 378, 381], *A. verna* var. *decipiens* Trimbach [359], *A. virosa* (Fr.) Bertill. [149, 237, 238, 239, 276, 297, 378], *A. vittadinii* (Moretti) Vittad. [060]

Amphinema byssoides (Pers. : Fr.) J. Erikss. [272]

Ampulloclitocybe clavipes (Pers. : Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys [012, 019, 093, 136, 175, 203, 238, 239, 265, 342, 374, 375]

Amylocorticium cebennense (Bourdot) Pouzar [102, 272], *A. laceratum* (Litsch.) Hjortstam & Ryvarden [329]

Amylostereum areolatum (Chaillet : Fr.) Boidin [036, 039, 141a], *A. chailletii* (Pers. : Fr.) Boidin [270], *A. laevigatum* (Fr. : Fr.) Boidin [036, 039]

Anomoporia bombycina (Fr. : Fr.) Pouzar [269]

Anthurus muellerianus var. *aseroeformis* (E. Fisch.) Sacc. [281]

Antrodia albida (Fr. : Fr.) Donk [102, 188, 268, 334, 336], *A. calceus* (Fr. : Fr.) Teixeira [269], *A. gossypium* (Speg.) Ryvarden [269], *A. heteromorpha* (Fr. : Fr.) Donk [329], *A. juniperina* (Murrill) Niemelä & Ryvarden [102, 190, 279], *A. malicola* (Berk. & M.A. Curtis) Donk [102, 334], *A. serialis* (Fr. : Fr.) Donk [085, 102, 141a, 215, 237, 279, 334, 357], *A. vaillantii* (DC. : Fr.) Ryvarden [281], *A. variiformis* (Peck) Donk [102, 334], *A. xantha* (Fr. : Fr.) Ryvarden [025, 027]

Antrodiella semisupina (Berk. & M.A. Curtis) Ryvarden [329]

Aphanobasidium subnitens (Bourdot & Galzin) Jülich [141a]

Armillaria borealis Marxm. & Korhonen [027, 375], *A. cepistipes* Velen. [357], *A.*

ectypa (Fr. : Fr.) Lamoure [297, 334], *A. gallica* Marxm. & Romagn. [004, 297], *A. mellea* (Vahl : Fr.) P. Kumm. s. lat. [001, 002, 003, 004, 005, 016, 017, 025, 027, 035, 038, 039, 042, 043, 050, 053, 057, 059, 070, 093, 132, 133, 136, 139, 140, 141, 156, 162, 171, 172, 175, 177, 178, 179, 230, 235, 237, 238, 239, 247, 261, 265, 267, 268, 271, 276, 278, 279, 289, 295, 297, 305, 306, 314, 317, 323, 324, 331, 333, 334, 335, 338, 342, 345, 350, 357, 361, 362, 373, 375, 390], *A. ostoyae* (Romagn.) Herink [004, 027, 174, 218, 266, 268, 317, 357, 358, 374], *A. socialis* (DC. : Fr.) Fayod [024, 027, 038, 039, 043, 046, 084, 132, 135, 139, 141, 142, 144, 145, 146, 154, 170, 172, 174, 175, 178, 179, 267, 268, 281, 297, 311, 312, 313, 317, 324, 331, 344, 350, 374, 378, 381]

Arrhenia epichysium (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys [329], *A. griseopallida* (Desm.) Watling [329], *A. lobata* (Pers. : Fr.) Kühner & Lamoure ex Redhead [339], *A. obscurata* (D.A. Reid) Redhead, Lutzoni, Moncalvo & Vilgalys [329], *A. onisca* (Fr. : Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys [024, 029, 093, 205, 215, 265, 343, 345, 375], *A. retiruga* (Bull. : Fr.) Redhead [271], *A. rickenii* (Singer ex Hora) Watling [221, 229], *A. spathulata* (Fr. : Fr.) Redhead [220, 221, 229], *A. velutipes* (P.D. Orton) Redhead, Lutzoni, Moncalvo & Vilgalys [220, 221, 216, 227]

Artomyces pyxidatus (Pers. : Fr.) Jülich [102, 270, 329]

Asterostroma cervicolor (Berk. & M.A. Curtis) Masee [100, 102]

Astraeus hygrometricus (Pers. : Pers.) Morgan [010, 011, 029, 039, 050, 053, 060, 074, 084, 093, 104, 140, 141, 145, 146, 156, 170, 171, 175, 177, 178, 215, 268, 276, 295, 323, 331, 338, 344, 350, 373]

Athelia arachnoidea (Berk.) Jülich. [329], *A. epiphylla* Pers. [141a], *A. neuhoffii* (Bres.) Donk [100, 102]

Athelidium aurantiacum (M.P. Christ.) Oberw. [329]

Athelopsis lembospora (Bourdot) Oberw. [141a]

Aurantiporus fissilis (Berk. & M.A. Curtis) H. Jahn [006, 102]

Aureoboletus gentilis (Quél.) Pouzar [085]

Auricularia auricula-judae (Bull. : Fr.) Quél. [004, 005, 006, 035, 038, 039, 142, 144, 146, 179, 188, 215, 228, 251, 266, 268, 295, 317, 323, 329, 334, 361, 378, 381], *A. mesenterica* (Dicks. : Fr.) Pers. [006, 039, 050, 060, 237, 244, 266, 268, 276, 279,

- 289, 290, 293, 295, 311, 313, 317, 323, 332, 334], *A. polytricha* (Mont.) Sacc. [004]
Auriscalpium vulgare Gray [085, 102, 173, 317, 341, 374]
Baeospora myosura (Fr. : Fr.) Singer [027, 137, 230, 265], *B. myriadophylla* (Peck)
Singer [031, 033]
Bankera fuligineoalba (J.C. Schmidt : Fr.) Coker & Beers ex Pouzar [102], *B.*
violascens (Alb. & Schwein. : Fr.) Pouzar [102, 175, 375]
Basidioradulum radula (Fr. : Fr.) Nobles [039, 290, 336]
Battarraea phalloides (Dicks. : Pers.) Pers. [039, 184, 364, 390]
Bjerkandera adusta (Willd. : Fr.) P. Karst. [001, 003, 006, 039, 043, 093, 102, 104,
138, 140, 156, 174, 177, 205, 213, 214, 216, 230, 251, 265, 276, 278, 279, 311, 313,
317, 323, 331, 334, 338, 343, 348, 350, 390], *B. fumosa* (Pers. : Fr.) P. Karst. [329]
Bolbitius titubans (Bull. : Fr.) Fr. var. *titubans* [039, 065, 132, 170, 171, 174, 175, 202,
214, 215, 216, 297, 319, 323], *B. titubans* var. *olivaceus* (Gillet ex Rea) Arnolds
[036, 039]
Boletopsis grisea (Peck) Bondartsev & Singer [there are many records of *B.*
leucomelaena but at least, some of them should be treated as *B. grisea*, e.g., 039,
093, 102, 205, 235, 259, 390], *B. leucomelaena* (Pers.) Fayod [230] [at least, one,
unpublished collection, found under *Picea orientalis*, confirms the distribution of this
species in Turkey)
Boletus aereus Bull. : Fr. [008, 011, 297], *B. appendiculatus* Schaeff. [025, 342], *B.*
badius (Fr. : Fr.) Fr. [002, 025, 195, 277, 297, 335], *B. calopus* Pers. : Fr. [023, 025,
282, 297, 344, 350, 374], *B. chrysenteron* Bull. [012, 019, 025, 039, 041, 043, 046,
069, 083, 084, 085, 093, 132, 140, 141, 145, 156, 175, 178, 179, 197, 208, 213, 215,
218, 227, 235, 282, 295, 297, 311, 312, 313, 331, 338, 344, 354, 374, 375, 382], *B.*
depilatus Redeuilh [329], *B. dupainii* Boud. [024, 197], *B. edulis* Bull. : Fr. [002,
005, 010, 012, 016, 022, 024, 025, 026, 038, 039, 042, 053, 072, 075, 083, 085, 094,
134, 140, 141, 149, 156, 179, 235, 237, 240, 253, 269, 276, 277, 295, 297, 301, 305,
306, 335, 344, 348, 350, 351, 374], *B. fechtneri* Velen. [175, 352, 353], *B.*
ferrugineus Schaeff. [375], *B. fragrans* Vittad. [025, 078, 316], *B. impolitus* Fr.
[024, 038, 039, 093, 174, 198, 203, 234, 348, 352, 374, 375], *B. legaliae* Pilát [145,
146, 197, 297, 329, 374, 375], *B. luridiformis* Rostk. (see the note about *B.*
erythropus), *B. luridus* Schaeff. : Fr. var. *luridus* [005, 018, 023, 025, 072, 084, 085,

086, 197, 238, 239, 265, 269, 282, 283, 295, 297, 352, 374, 375, 390], *B. moravicus* Vacek [024, 025, 375], *B. pinophilus* Pilát & Dermek [085, 156, 179], *B. porosporus* Imler ex G. Moreno & Bon [067, 222, 218, 268], *B. pseudosulphureus* Kallenb. [358], *B. pulverulentus* Opat. [046, 093], *B. queletii* Schulzer [053, 056, 093, 221, 295, 297, 362, 374], *B. radicans* Pers. : Fr. [023, 025, 043, 063, 084, 085, 145, 146, 154, 234, 265, 281, 297, 331, 348], *B. regius* Krombh. [281, 297], *B. reticulatus* Schaeff. [010, 012, 025, 029, 038, 039, 218, 281, 297, 374, 375], *B. retipes* Peck [297], *B. rhodopurpureus* Smotl. [197], *B. rhodoxanthus* (Krombh.) Kallenb. [340], *B. rubellus* Krombh. [043, 085, 297, 316, 331, 391], *B. satanas* Lenz [023, 072, 083, 084, 085, 086, 156, 166, 175, 238, 239, 253, 268, 295, 338, 342], *B. satanicolor* Pilát [269], *B. speciosus* Frost [316], *B. subappendiculatus* Dermek, Lazebn. & J. Veselský [375], *B. subtomentosus* L. : Fr. [019, 025, 029, 093, 163, 197, 215, 274, 281, 297, 331, 373, 374, 375], *B. truncatus* (Singer, Snell & E.A. Dick) Pouzar [329], *B. zelleri* (Murrill) Murrill [282, 297]

Bondarzewia montana (Qué.) Singer [102, 334]

Botryobasidium candicans J. Erikss. [329], *B. conspersum* J. Erikss. [141a], *B. subcoronatum* (Höhn. & Litsch.) Donk [102, 188, 141a, 272]

Botryohyphonus isabellinus (Fr. : Fr.) J. Erikss. [141a, 272]

Bovista aestivalis (Bonord.) Demoulin [177, 193, 235, 272, 362], *B. limosa* Rostr. [359], *B. nigrescens* Pers. : Pers. [010, 011, 038, 039, 085, 344, 361, 374, 375], *B. pila* Berk. & M.A. Curtis [043, 331], *B. plumbea* Pers. : Pers. [011, 012, 016, 017, 029, 038, 039, 041, 046, 053, 060, 073, 065, 069, 072, 076, 078, 081, 084, 085, 093, 132, 134, 139, 152, 145, 146, 156, 170, 171, 174, 177, 178, 202, 203, 208, 213, 214, 215, 216, 218, 222, 227, 228, 230, 235, 254, 255, 259, 267, 268, 272, 295, 306, 311, 313, 319, 324, 338, 354, 361, 362, 374, 375]

Bulbillomyces farinosus (Bres.) Jülich [141a]

Byssocorticium atrovirens (Fr. : Fr.) Bondartsev & Singer ex Singer [102, 141a, 336], *B. pulchrum* (S. Lundell) M.P. Christ. [329]

Byssomerulius corium (Pers. : Fr.) Parmasto [188]

Calathella eruciformis (Batsch : Fr.) D.A. Reid [270]

Calocera cornea (Batsch : Fr.) Fr. [084, 104, 334], *C. pallidospatulata* D.A. Reid [034], *C. viscosa* (Pers. : Fr.) Fr. [027, 084, 085, 175, 295, 305, 317, 334, 374, 375]

- Calocybe carnea* (Bull. : Fr.) Donk [374], *C. chrysenteron* (Bull.) Singer [217], *C. gambosa* (Fr. : Fr.) Donk [179, 215, 221, 228, 230]
- Calvatia cyathiformis* (Bosc) Morgan [104, 264], *C. excipuliformis* (Scop. : Pers.) Perdeck [012, 016, 025, 038, 039, 053, 056, 063, 078, 084, 191, 195, 231, 235, 253, 257, 267, 268, 272, 289, 293, 295, 305, 308, 313, 354, 373, 374, 375], *C. gigantea* (Batsch : Pers.) Lloyd [005, 011, 070, 078, 081, 084, 093, 104, 138, 140, 149, 202, 205, 228, 250, 251, 257, 344, 348, 350, 354, 361], *C. rubroflava* (Cragin) Morgan [352, 353], *C. utrififormis* (Bull. : Pers.) Jaap [010, 011, 012, 016, 017, 018, 019, 025, 038, 039, 041, 043, 063, 078, 081, 083, 084, 085, 093, 132, 135, 139, 142, 144, 145, 146, 155, 174, 178, 208, 254, 255, 265, 272, 289, 305, 311, 312, 313, 314, 319, 323, 324, 331, 338, 352, 353, 354, 355, 361, 373]
- Cantharellus amethysteus* (Quél) Sacc. [361], *C. aurora* (Batsch) Kuyper [102, 286, 295, 301, 329], *C. cibarius* Fr. : Fr. var. *cibarius* [005, 022, 024, 025, 042, 059, 073, 083, 084, 085, 075, 102, 148, 156, 178, 179, 199, 245, 246, 249, 253, 265, 267, 268, 277, 282, 283, 295, 301, 305, 306, 311, 312, 313, 316, 324, 335, 352, 354, 358, 361, 362, 374], *C. cibarius* var. *ferruginascens* (P.D. Orton) Courtec. [025, 073, 084, 102, 267, 268, 282, 283, 352], *C. cinereus* (Pers. : Fr.) Fr. [295, 358, 361], *C. friesii* Quél. [025, 375], *C. subalbidus* A.H. Sm. & Morse [305], *C. tubaeformis* Fr. : Fr. [102, 195, 251, 282, 295, 305, 306, 308]
- Ceriporia reticulata* (Hoffm.) Domański [141a, 269]
- Ceriporiopsis pannocincta* (Romell) Gilb. & Ryvarden [270]
- Cerrena unicolor* (Bull. : Fr.) Murrill [039, 060, 102, 213, 215, 237, 261, 276, 279, 289, 305, 342, 361, 390]
- Chalciporus piperatus* (Bull. : Fr.) Bataille [140, 350, 395, 397]
- Cheimonophyllum candidissimum* (Berk. And M.A.Curtis) Singer [219]
- Chlorophyllum agaricoides* (Czern.) Vellinga [169, 184], *Ch. brunneum* (Farl. & Burt) Vellinga [046, 238], *Ch. molybdites* (G. Mey. : Fr.) Masee [079, 239], *Ch. rachodes* (Vittad.) Vellinga [012, 016, 017, 025, 046, 063, 069, 078, 140, 178, 239, 254, 324, 331, 350, 361, 373, 374]
- Chondrostereum purpureum* (Pers. : Fr.) Pouzar [001, 003, 006, 039, 093, 102, 237, 270, 276, 278, 279, 290, 332, 334]
- Chroogomphus helveticus* (Singer) M.M. Moser [078, 085, 197, 265, 373, 374, 375],

Ch. rutilus (Schaeff. : Fr.) O.K. Mill. [002, 011, 012, 018, 019, 038, 039, 041, 043, 045, 046, 050, 084, 085, 093, 104, 130, 132, 133, 134, 135, 138, 139, 140, 141, 152, 156, 170, 171, 175, 177, 178, 179, 180, 191, 197, 203, 205, 215, 218, 222, 228, 234, 235, 261, 265, 267, 268, 271, 295, 297, 311, 312, 313, 319, 324, 331, 335, 336, 343, 344, 348, 350, 352, 354, 373, 374, 375, 382]

Chrysomphalina chrysophylla (Fr. : Fr.) Clémençon [309], *C. grossula* (Pers.) Norvell, Redhead & Ammirati [297, 334]

Clathrus ruber [P. Micheli ex] Pers. : Pers. [025, 039, 053, 266, 268, 305, 316, 390]

Clavaria acuta Sowerby : Fr. [374], *C. argillacea* Fr. : Fr. [329], *C. fragilis* Holmsk. : Fr. [084, 102, 282, 283, 301]

Clavariadelphus ligula (Schaeff. : Fr.) Donk [085], *C. pistillaris* (L. : Fr.) Donk [001, 003, 102, 235, 251, 265, 267, 268, 295, 362], *C. truncatus* (Quél.) Donk [002, 102, 175, 205, 215, 228, 235, 293, 295, 299, 343, 373, 374, 375]

Clavulina cinerea (Bull. : Fr.) J. Schröt. [024, 038, 039, 085, 102, 208, 266, 267, 268, 290, 295, 373, 374, 375], *C. coralloides* (L. : Fr.) J. Schröt. [004, 053, 102, 208, 218, 222, 228, 270, 290, 299, 329, 390], *C. rugosa* (Bull. : Fr.) J. Schröt. [004, 019, 039, 073, 102, 293, 295, 358, 382]

Clavulinopsis corniculata (Schaeff. : Fr.) Corner [005, 102, 266, 267, 268, 361, 373, 375], *C. helvola* (Pers. : Fr.) Corner [102, 266, 268], *C. subtilis* (Pers. : Fr.) Corner [329], *C. umbrinella* (Sacc.) Corner [329]

Climacocystis borealis (Fr. : Fr.) Kotl. & Pouzar [141a, 293, 295, 357]

Climacodon septentrionalis (Fr. : Fr.) P. Karst. [102, 334]

Clitocybe agrestis Harmaja [390], *C. alexandri* (Gillet) Gillet [152, 155, 179, 181, 297, 311, 312, 313, 319, 382], *C. alnetorum* J. Favre [023], *C. bresadolana* Singer [as ‘bresadoliana’] [070, 085, 093, 265, 319, 350], *C. brumalis* (Fr. : Fr.) Quél [025, 374, 375], *C. candicans* (Pers. : Fr.) P. Kumm. [203, 205, 265, 343], *C. catinus* (Fr.) Quél. [349], *C. costata* Kühner & Romagn. [039, 138, 140, 203, 265, 344, 348, 350], *C. diatreta* (Fr. : Fr.) P. Kumm. [374], *C. ditopa* (Fr. : Fr.) Gillet [289], *C. dryadicola* (J. Favre) Harmaja [093], *C. ectypoides* (Peck) Peck [329], *C. foetens* Melot [207, 265], *C. fragrans* (With. : Fr.) P. Kumm. [029, 265, 297, 334], *C. georgina* Clémençon [393], *C. geotropa* (Bull.) Quél. [022, 038, 039, 045, 046, 054, 132, 139, 155, 165, 167, 171, 175, 178, 179, 200, 222, 228, 235, 244, 267, 268, 297, 311, 312,

313, 319, 324, 373, 374, 375, 383], *C. gibba* (Pers. : Fr.) P. Kumm. [012, 017, 018, 024, 025, 026, 041, 070, 072, 084, 085, 215, 293, 295, 297, 342, 352, 354, 358, 362, 374, 375, 381], *C. harmajae* Lamoure [329], *C. harperi* Murrill [178, 323], *C. houghtonii* (W. Phillips) Dennis [305], *C. inornata* (Sowerby : Fr.) Gillet [012, 323, 374, 375], *C. lateritia* J. Favre [373], *C. martiorum* J. Favre [072], *C. metachroa* (Fr. : Fr.) P. Kumm. [204, 295, 373, 374], *C. nebularis* (Batsch : Fr.) P. Kumm. [012, 019, 041, 281, 297, 373, 374, 375], *C. odora* (Bull. : Fr.) P. Kumm. [012, 016, 045, 046, 050, 132, 134, 135, 155, 171, 175, 178, 179, 205, 234, 265, 267, 268, 297, 311, 312, 313, 319, 324, 342, 343, 348, 350, 373, 375, 383], *C. odorula* P. Karst. [374], *C. ornamentalis* Velen. [031, 033], *C. paropsis* (Fr.) Sacc. [271, 297], *C. phaeophthalma* (Pers.) Kuyper [266, 268, 271, 297, 329, 383], *C. phyllophila* (Pers. : Fr.) P. Kumm. [014, 085, 205, 218, 238, 239, 261, 265, 268, 343, 390], *C. radicellata* Gillet [177, 297, 374, 383], *C. rhizophora* (Velen.) Joss. [041, 132, 142, 145, 146, 154, 297], *C. rivulosa* (Pers. : Fr.) P. Kumm. [012, 017, 023, 025, 026, 136, 152, 162, 163, 175, 202, 203, 205, 238, 239, 251, 265, 274, 297, 329, 342, 343, 355, 358, 373, 374, 375, 382, 387], *C. sinopica* (Fr. : Fr.) P. Kumm. [374], *C. squamulosa* (Pers. : Fr.) Fr. [152, 142, 146, 156, 297, 311, 312, 313, 336, 390], *C. subspadicea* (J.E. Lange) Bon & Chevassut [319, 350, 382, 387], *C. tornata* (Fr. : Fr.) P. Kumm. [162, 163, 274, 297], *C. vermicularis* (Fr.) Quél. [140, 314, 319, 374, 375], *C. vibecina* (Fr.) Quél. [216, 389]

Clitocybula familia (Peck) Singer [251, 297], *C. lacerata* (Lasch) Singer [329]

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Crinipellis scabella (Alb. & Schwein. : Fr.) Murrill [216, 221]

Cristinia helvetica (Pers.) Parmasto [102, 270, 272]

Crucibulum laeve (Huds. : Pers.) Kambly [025, 027, 039, 085, 209, 216, 227, 235, 268, 272, 293, 295]

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- Flagelloscypha minutissima* (Burt) Donk [329]
- Flammulaster ferruginea* (Maire ex Kühner) Watling [162, 163, 274, 329], *F. granulosa* (J.E. Lange) Watling [099]
- Flammulina ononidis* Arnolds [266, 268], *F. velutipes* (Curtis : Fr.) Singer [001, 003, 004, 010, 012, 016, 026, 027, 070, 076, 145, 154, 179, 208, 228, 230, 261, 279, 290, 295, 297, 317, 319, 323, 355, 374]
- Fomes fomentarius* (L. : Fr.) J.J. Kickx [001, 003, 006, 010, 011, 012, 016, 017, 018, 025, 027, 029, 035, 039, 043, 046, 050, 060, 070, 077, 081, 084, 085, 093, 102, 104, 132, 134, 135, 139, 140, 141, 152, 144, 145, 146, 154, 155, 156, 170, 171, 172, 175, 178, 192, 194, 197, 200, 213, 214, 215, 216, 218, 227, 230, 234, 237, 240, 244, 253, 257, 265, 268, 279, 280, 290, 295, 311, 313, 317, 319, 324, 331, 333, 334, 338, 342, 348, 350, 354, 355, 358, 374, 375, 378, 381], *F. fulvus* (Schaeff.) Gillet [001, 003, 102, 279]
- Fomitopsis pinicola* (Sw. : Fr.) P. Karst. [003, 027, 063, 069, 084, 085, 102, 156, 205, 237, 240, 269, 295, 299, 311, 313, 317, 334, 343, 357, 358, 374], *F. rosea* (Alb. & Schwein. : Fr.) P. Karst. [025, 269]
- Galerina ampullaceocystis* P.D. Orton. [329], *G. atkinsoniana* A.H. Sm. [265], *G. autumnalis* (Peck) A.H.Sm. & Singer [217], *G. badipes* (Fr.) Kühner [263, 265], *G. cinctula* P.D. Orton [175, 216, 220, 221], *G. clavata* (Velen.) Kühner [093], *G. clavus* Romagn. [162, 163], *G. laevis* (Pers.) Singer [217, 221], *G. marginata* (Batsch : Fr.) Kühner [093, 197, 230, 238, 239, 261, 265, 297, 334, 362], *G. moelleri* Bas [329], *G. mycenoides* (Fr.) Kühn. [033], *G. paludosa* (Fr.) Kühner [204], *G. pumila* (Pers. : Fr.) M. Lange [204], *G. sideroides* (Bull.) Kühner [163, 274], *G. sphagnum* (Pers. : Fr.) Kühner [329]
- Galeropsis lateritia* (Watling) G. Moreno, Heykoop & Illana [160, 268, 220, 221]
- Gamundia leucophylla* (Gillet) H.E. Bigelow [329], *G. striatula* (Kühner) Raithelh. [281, 297]
- Ganoderma adpersum* (Schulzer) Donk [025, 027, 035, 039, 085, 102, 132, 138, 205, 236, 240, 266, 268, 331, 343, 357, 374], *G. applanatum* (Pers.) Pat. [001, 003, 012, 025, 027, 035, 039, 050, 053, 060, 070, 073, 072, 077, 081, 085, 093, 102, 141, 144,

145, 156, 171, 213, 214, 215, 227, 234, 237, 240, 265, 266, 268, 276, 278, 279, 280, 295, 299, 311, 313, 317, 333, 334, 338, 342, 348, 357, 358, 373, 375], *G. carnosum* Pat. [068, 102, 265], *G. lucidum* (Curtis : Fr.) P. Karst. [001, 003, 010, 025, 027, 043, 060, 069, 072, 084, 085, 102, 140, 154, 156, 171, 175, 215, 216, 227, 237, 240, 244, 265, 266, 268, 269, 276, 278, 279, 282, 295, 311, 313, 317, 324, 331, 333, 334, 348, 350, 357, 373, 374], *G. pfeifferi* Bres. [039, 102, 334], *G. resinaceum* Boud. [027, 039, 050, 073, 102, 156, 279, 317, 331, 333, 355, 357, 375]

Gautieria graveolens Vittad. [272], *G. monticola* Harkn [217]

Geastrum asper Lloyd. [152], *G. corollinum* (Batsch) Hollós [156], *G. coronatum* Pers. : Pers. [268], *G. elegans* Vittad. [039, 140, 390], *G. fimbriatum* Fr. [041, 085, 093, 104, 138, 140, 141, 152, 180, 205, 215, 234, 261, 265, 266, 268, 290, 293, 295, 299, 305, 311, 313, 343, 348, 374, 375, 382], *G. floriforme* Vittad. [152], *G. fornicatum* (Huds.) Hook. [155, 361, 390], *G. minimum* Schwein. [347], *G. pectinatum* Pers. : Pers. [012, 029, 039, 093, 094, 132, 140, 154, 171, 177, 178, 215, 230, 244, 265, 314, 319, 323, 348, 350, 374], *G. pseudostriatus* Hollós [272, 329], *G. quadrifidum* Pers. : Pers. [215], *G. rufescens* Pers. : Pers. [012, 016, 063, 093, 104, 140, 215, 218, 261, 290, 350, 374, 375, 390], *G. schmidelii* Vittad. [060, 085, 093, 295, 304, 361], *G. striatum* DC [217, 221], *G. triplex* Jungh. [039, 093, 139, 141, 152, 155, 230, 234, 265, 319, 348, 374]

Gloeocystidiellum porosum (Berk. & M.A. Curtis) Donk [329]

Gloeophyllum abietinum (Bull. : Fr.) P. Karst. [001, 003, 039, 085, 102, 104, 215, 235, 237, 240, 261, 269, 316, 336, 350, 357], *G. berkeleyi* (Sacc.) Murrill [329], *G. carbonarium* (Berk. & M.A. Curtis) Ryvarden [329], *G. odoratum* (Wulfen : Fr.) Imazeki [102, 265, 293, 295, 299], *G. sepiarium* (Wulfen : Fr.) P. Karst. [001, 003, 039, 085, 093, 095, 102, 104, 237, 251, 261, 269, 278, 279, 334, 357], *G. trabeum* (Pers. : Fr.) Murrill [039, 093, 102, 104, 259, 261, 265, 269, 334]

Gloeoporus dichrous (Fr. : Fr.) Bres. [192, 194], *G. toxicola* (Pers. : Fr.) Gilb. & Ryvarden [269]

Gloiothele lactescens (Berk.) Hjortstam [329]

Gomphidius glutinosus (Schaeff. : Fr.) Fr. [017, 261, 285, 289, 293, 295, 375], *G. maculatus* (Scop. : Fr.) Fr. [070, 072, 078, 085, 215, 222, 228, 230, 265, 295], *G. roseus* (Fr. : Fr.) Gillet [074, 078, 084, 352, 354]

- Gomphus clavatus* (Pers. : Fr.) Gray [093, 102, 175, 199, 286, 295, 301, 305, 316], *G. stereoides* Corner [102, 295, 302]
- Grifola frondosa* (Dicks. : Fr.) Gray [004, 011, 012, 018, 102, 140, 179, 192, 193, 194, 197, 200, 257, 317, 338, 357]
- Guepinia helvelloides* (DC. : Fr.) Fr. [349]
- Gymnopilus junonius* (Fr. : Fr.) P.D. Orton [239, 268, 319], *G. liquiritiae* (Pers. : Fr.) P. Karst. [271, 297], *G. penetrans* (Fr. : Fr.) Murrill [027, 104, 140, 203, 205, 265, 271, 297, 334, 343, 344, 348, 355, 358, 374], *G. picreus* (Pers. : Fr.) P. Karst. [101, 395], *G. sapineus* (Fr. : Fr.) Maire [251, 297], *G. stabilis* (Weinm.) Kühner & Romagn. [031, 033]
- Gymnopus acervatus* (Fr. : Fr.) Murrill [162, 163, 274, 279], *G. brassicolens* (Romagn.) Antonín & Noordel. [265, 297, 329, 362], *G. confluens* (Pers. : Fr.) Antonín, Halling & Noordel. [140, 257, 358, 265], *G. dryophilus* (Bull. : Fr.) Murrill [004, 012, 017, 025, 029, 085, 093, 132, 138, 140, 174, 179, 197, 202, 205, 213, 215, 218, 222, 230, 235, 259, 265, 266, 267, 268, 271, 295, 297, 305, 316, 319, 350, 358, 373, 374, 375, 382, 383], *G. erythropus* (Pers. : Fr.) Antonín, Halling & Noordel. [084, 085, 132, 138, 155, 202, 267, 319, 324, 374], *G. fuscopurpureus* (Pers. : Fr.) Antonín, Halling & Noordel. [032, 162, 163, 297, 362], *G. fusipes* (Bull. : Fr.) Gray [024, 085, 093], *G. hariolorum* (Bull. : Fr.) Antonín, Halling & Noordel. [093, 207], *G. ocior* (Pers.) Antonín & Noordel. [039, 207, 216, 218, 228, 179, 204, 215, 222, 319], *G. oreadoides* (Pass.) Antonín & Noordel. [329], *G. peronatus* (Bolton : Fr.) Antonín, Halling & Noordel. [083, 085, 297, 323, 362], *G. vernus* (Ryman) Antonín & Noordel. [211, 213]
- Gyrophanopsis polonensis* (Bres.) Stalpers & P.K. Buchanan [329]
- Gyroporus castaneus* (Bull. : Fr.) Quél. [038, 039, 175]
- Hapalopilus nidulans* (Fr. : Fr.) P. Karst. [024, 027, 102, 281]
- Hebeloma album* Peck [374, 375], *H. birrus* (Fr.) Gillet [204, 359, 375], *H. candidipes* Bruchet [050, 389], *H. cavipes* Huijsman [040], *H. circinans* (Quél.) Sacc. [195], *H. cistophilum* Maire [101, 375], *H. clavulipes* Romagn [217], *H. collariatum* Bruchet [389], *H. crustuliniforme* (Bull. : Fr.) Quél. [016, 018, 023, 024, 025, 093, 166, 171, 175, 178, 213, 215, 218, 238, 239, 314, 324, 375], *H. eburneum* Malençon [029, 094, 138, 140, 141, 197, 203, 205, 265, 343, 345, 348, 373], *H. fragilipes* Romagn.

(incl. *H. hiemale sensu auct.*) [204, 373, 374], *H. fusipes* Bres. [210], *H. laterinum* (Batsch) Versterh [101, 373, 375], *H. leucosarx* P.D. Orton [050, 065, 076, 297], *H. mesophaeum* (Pers.) Fr. var. *mesophaeum* [019, 025, 029, 039, 081, 086, 093, 094, 104, 140, 162, 163, 203, 205, 210, 265, 274, 343, 348, 374, 375], *H. mesophaeum* var. *lacteam* Vesterh. [388], *H. pallidoluctuosum* Gröger & Zschiesch [220, 221], *H. populinum* Romagn. [008, 221, 230, 297], *H. pusillum* J.E. Lange [375], *H. radicosum* (Bull. : Fr.) Ricken [004, 025, 297], *H. sarcophyllum* (Peck) Sacc. [039, 050, 137], *H. sinapizans* (Paulet : Fr.) Gillet (at least a part of the records or all of them may represent *H. sinapizans sensu* J. Lange = *H. laterinum*) [016, 019, 023, 086, 166, 175, 177, 214, 215, 218, 221, 238, 239, 265, 289, 297, 305, 373, 374, 382, 383, 387], *H. sordescens* Vesterh. [051], *H. stenocystis* J. Favre ex Quadr. [034], *H. syrjense* P. Karst. [050, 051], *H. theobrominum* Quadr. [374]

Hemimycena delectabilis (Peck) Singer [271, 297], *H. lactea* (Pers. : Fr.) Singer [175, 221], *H. pseudogracilis* (Kühner & Maire) Singer [314, 319], *H. pseudocrispula* (Kühner) Singer [031, 033]

Henningsomyces candidus (Pers. : Fr.) Kuntze [270]

Hericium abietis (Weir ex Hubert) K.A. Harrison [218, 222], *H. cirrhatum* (Pers. : Fr.) Nikol. [004, 024, 027, 093, 102], *H. coralloides* (Scop. : Fr.) Pers. [002, 004, 102, 145, 247, 279, 334, 335, 383], *H. erinaceus* (Bull. : Fr.) Pers. [004, 025, 027, 279]

Heterobasidium annosum (Fr. : Fr.) Bref. [001, 072, 102, 171, 269, 357]

Hohenbuehelia atrocoerulea (Fr. : Fr.) Singer [093, 297, 336], *H. cyphelliformis* (Berk.) O.K. Mill. [329], *H. longipes* (Boud.) M.M. Moser [323], *H. myxotricha* (Lév.) Singer [329], *H. petaloides* (Bull. : Fr.) Schulzer [035, 038, 039, 152, 175, 221, 289, 361], *H. semiinfundibuliformis* (P. Karst.) Singer [034, 350], *H. tremula* (Schaeff. : Fr.) Thorn & G.L. Barron [134, 177, 297, 361]

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Hydnum molle Schwein. [004, 102], *H. repandum* L. : Fr. [002, 045, 059, 085, 102, 130, 132, 152, 175, 235, 265, 267, 268, 270, 277, 282, 283, 289, 290, 295, 299, 301, 305, 306, 323, 335, 358, 361, 362, 374], *H. rufescens* Pers. : Fr. [004, 102, 132, 265, 267, 268, 362]

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Hygrophoropsis aurantiaca (Wulfen : Fr.) Maire [102, 221, 251]

Hygrophorus agathosmus (Fr.) Fr. [038, 039, 068, 203, 205, 218, 235, 343, 350, 358], *H. calophyllus* P. Karst. [002, 297], *H. camarophyllus* (Alb. & Schwein. : Fr.) Dumée, Grandjean & Maire [152, 154, 218, 222, 228, 235, 316, 319], *H. capreolarius* Kalchbr. [350], *H. chrysodon* (Batsch : Fr.) Fr. [002, 152, 156, 171, 175, 177, 179, 191, 195, 205, 218, 222, 228, 230, 235, 289, 295, 297, 305, 313, 319, 335, 343, 362, 374, 375], *H. dichrous* Kühner & Romagn. [100], *H. discoideus* (Pers. : Fr.) Fr. [046, 235, 265], *H. discoxanthus* (Fr.) Rea [100, 218, 358, 373, 374], *H. eburneus* (Bull. : Fr.) Fr. [019, 175, 178, 179, 251, 265, 297, 323], *H. erubescens* (Fr. : Fr.) Fr. [264], *H. fuscoalbus* (Lasch : Fr.) Fr. [297], *H. gliocyclus* Fr. [002, 297, 305], *H. hedrychii* (Velen.) K. Kult [024, 295, 323, 350, 374, 375, 387], *H. hypothejus* (Fr. : Fr.) Fr. [019, 155, 170, 175, 178, 179, 180, 235, 319, 352, 361, 382, 384], *H. latitabundus* Britzelm. [021, 228, 373], *H. ligatus* Fr. : Fr. [018, 265, 287, 295, 350, 374], *H. lucorum* Kalchbr. [021], *H. marzuolus* (Fr. : Fr.) Bres. [093,

355], *H. olivaceoalbus* (Fr. : Fr.) Fr. [046], *H. penarius* Fr. [329], *H. piceae* Kühner [021, 295, 374], *H. poetarum* R. Heim [021, 025], *H. pratensis* var. *pratensis* [033], *H. pudorinus* (Fr. : Fr.) Fr. [247, 265, 295, 297, 375], *H. purpurascens* (Alb. & Schwein.) Fr. [217,218], *H. queletii* Bres. [080], *H. russula* (Schaeff. : Fr.) Kauffman [152, 289, 297, 305], *H. unicolor* Gröger [162, 163, 274, 287, 289, 305, 373]

Hymenochaete cinnamomea (Pers.) Bres.[141a], *H. cruenta* (Pers. : Fr.) Donk [102, 276, 279, 329, 334], *H. fuliginosa* (Pers. : Fr.) Lév. [102, 270], *H. rubiginosa* (Dicks. : Fr.) Lév. [001, 003, 006, 039, 102, 237, 265, 268, 276, 278, 279, 332, 334]

Hyphoderma argillaceum (Bres.) Donk [141a], *H. capitatum* J. Erikss. & Å. Strid [329], *H. definitum* (H.S. Jacks.) Donk [141a], *H. macedonicum* (Litsch.) Donk [141a], *H. occidentale* (D.P. Rogers) Boidin & Gilles [329], *H. praetermissum* (P. Karst.) J. Erikss. & Å. Strid [102, 265], *H. puberum* (Fr. : Fr.) Wallr. [329], *H. setigerum* (Fr. : Fr.) Donk [329]

Hyphodermella corrugata (Fr.) J. Erikss. & Ryvarden [102, 141a, 188, 336]

Hyphodontia abieticola (Bourdot & Galzin) J. Erikss. [270], *H. alutaria* (Burt) J. Erikss.[141a], *H. arguta* (Fr. : Fr.) J. Erikss. [270], *H. barba-jovis* (Bull. : Fr.) J. Erikss. [141a, 329], *H. breviseta* (P. Karst.) J. Erikss. [329], *H. cineracea* (Bourdot & Galzin) J. Erikss. & Ryvarden [329], *H. crustosa* (Pers. : Fr.) J. Erikss. [188, 336], *H. pallidula* (Bres.) J. Erikss. [102, 141a, 272], *H. rimosissima* (Peck) Gilb. [188], *H. sambuci* (Pers. : Fr.) J. Erikss. [141a, 329], *H. spathulata* (Schrad.) Parmasto [141a]

Hypholoma capnoides (Fr. : Fr.) P. Kumm. [011, 016, 017, 027, 259, 305, 374, 377], *H. elaeodes* (Fr.) Gillet [329], *H. elongatum* (Pers. : Fr.) Ricken [329], *H. epixanthum* (Fr.) Quéf. [287], *H. fasciculare* (Huds. : Fr.) P. Kumm. [001, 003, 010, 023, 024, 025, 027, 029, 039, 046, 057, 081, 083, 085, 086, 093, 135, 136, 140, 144, 146, 155, 156, 166, 170, 171, 174, 175, 178, 198, 210, 214, 215, 218, 227, 234, 235, 237, 238, 239, 248, 259, 266, 268, 276, 278, 279, 289, 293, 295, 297, 299, 305, 311, 313, 314, 319, 324, 332, 334, 342, 344, 348, 350, 373, 374, 375, 377, 378, 381, 382, 384, 387], *H. laeticolor* (F.H. Møller) P.D. Orton [162, 163], *H. lateritium* (Schaeff. : Fr.) P. Kumm. [012, 024, 027, 039, 174, 178, 237, 268, 276, 279, 297, 305, 323, 373], *H. marginatum* (Pers. : Fr.) J. Schröt. [101, 374], *H. myosotis* (Fr. : Fr.) M.

Lange [329], *H. radicosum* J.E. Lange [359]

Hypochnicium bombycinum (Sommerf. : Fr.) J. Erikss. [329], *H. erikssonii* Hallenb. & Hjortstam [141a], *H. geogenium* (Bres.) J. Erikss. [329], *H. lundellii* (Bourdot) J. Erikss. [329], *H. punctulatum* (Cooke) J. Erikss. [141a, 329]

Hypsizygus ulmarius (Bull. : Fr.) Redhead [004, 297]

Infundibulicybe geotropa (Bull.) Harmaja [217,218]

Ischnoderma benzoinum (Wahlenb. : Fr.) P. Karst. [100, 102, 317], *I. resinosum* (Schrad. : Fr.) P. Karst. [269]

Inocybe abietis Kühner [093, 265], *I. acuta* Boud. [374], *I. adaequata* (Britzelm.) Sacc. [204], *I. amethystina* Kuyper [217], *I. assimilata* Britzelm. [023, 374], *I. asterospora* Quél. [039, 046, 265], *I. ayeri* Furrer-Ziogas [034], *I. bongardii* (Weinm.) Quél. var. *bongardii* [162, 163, 207, 274], *I. bongardii* var. *pisciodora* (Donadini & Rioussset) Kuyper [214, 216, 220, 221], *I. bresadolae* Masee [025], *I. bresadoliana* Bon [263, 265], *I. caesariata* (Fr.) P. Karst. [101], *I. calida* Velen. [085, 220, 221], *I. catalaunica* Singer [034, 217], *I. cervicolor* (Pers. : Fr.) Quél. [162, 163], *I. cincinnata* (Fr. : Fr.) Quél. var. *cincinnata* [018, 203, 205, 329, 343, 358, 374, 375], *I. cookei* Bres. [215], *I. corydalina* Quél. [329], *I. cucullata* G. Martin [101], *I. curvipes* P. Karst. [014, 017, 203, 205, 343], *I. dulcamara* (Alb. & Schwein.) P. Kumm. [086, 093, 094, 104, 230, 239, 261, 358], *I. duriuscula* Rea [297, 336], *I. erubescens* A. Blytt [011, 023, 086, 132, 166, 175, 177, 210, 238, 239, 297, 373, 374], *I. flocculosa* (Berk.) Sacc. var. *flocculosa* [263], *I. flocculosa* var. *crocifolia* (Herink) Kuyper [330], *I. fraudans* (Britzelm.) Sacc. [104, 199], *I. fuscidula* Velen. var. *fuscidula* [101, 104, 358, 374], *I. fuscomarginata* Kühner [093, 207], *I. geophylla* (Pers. : Fr.) P. Kumm. var. *geophylla* [018, 104, 136, 155, 156, 166, 171, 175, 177, 197, 203, 205, 215, 234, 238, 239, 251, 268, 314, 319, 343, 348, 382], *I. geophylla* var. *lilacina* (Peck) Gillet [215, 218, 268, 297, 358, 373, 384, 387, 390], *I. glabripes* Ricken [329], *I. grammata* Quél. & Le Bret. [101], *I. griseolilacina* J.E. Lange [359], *I. gymnocarpa* Kühner [297, 362], *I. hirtella* Bres. var. *hirtella* [039, 137, 261, 374, 375], *I. hygrophorus* Kühner [103], *I. hypophaea* Furrer-Ziogas [329], *I. impexa* (Lasch) Kuyper [329], *I. lacera* (Fr. : Fr.) P. Kumm. var. *lacera* [085, 093, 104, 259, 261, 329], *I. lanuginosa* (Bull.) P. Kumm. var. *lanuginosa* [036, 039], *I. leptocystis* G.F. Atk. [329], *I. leucoblema* Kühner [350], *I.*

maculata Boud. [352, 353], *I. mixtilis* (Britzelm.) Sacc. [375], *I. muricellata* Bres. [104, 329], *I. napipes* J.E. Lange [023, 024], *I. nitidiuscula* (Britzelm.) Lapl. [023, 265, 359, 373, 374], *I. ochroalba* Bruyl. [330], *I. olida* Maire [287], *I. pallida* Velen. [330], *I. perbrevis* (Weinm.) Gillet [065, 162, 163, 218, 221, 297], *I. petiginosa* (Fr. : Fr.) Gillet [375], *I. praetervisa* Quél. [199], *I. pusio* P. Karst. [019, 218, 358, 374], *I. pyriodora* (Pers.) P. Kumm. [383], *I. queletii* Konrad [029, 093, 104, 374, 375], *I. rimosa* (Bull. : Fr.) P. Kumm. [010, 011, 018, 023, 029, 060, 065, 069, 072, 074, 076, 078, 081, 083, 084, 085, 086, 093, 103, 104, 132, 135, 136, 138, 139, 140, 141, 152, 144, 145, 146, 156, 166, 171, 174, 175, 185, 197, 199, 202, 203, 205, 210, 214, 215, 216, 218, 227, 234, 238, 239, 248, 261, 297, 338, 348, 350, 352, 354, 358, 362, 373, 374, 375, 378, 381, 382], *I. scabra* (O.F. Müll.) Quél. [031], *I. sindonia* (Fr.) P. Karst. [295], *I. splendens* R. Heim var. *splendens* [330], *I. squamata* J.E. Lange [031, 033], *I. subcarpta* Kühner & Boussier [101], *I. subrubescens* G.F. Atk. [271, 297], *I. substellata* Kühner [330], *I. tenebrosa* Quél. [009, 039, 329], *I. tigrina* R. Heim [081], *I. vaccina* Kühner [330], *I. whitei* (Berk. & Broome) Sacc. [014, 017, 375], *I. xanthomelas* Boursier & Kühner [362]

Inonotus cuticularis (Bull. : Fr.) P. Karst. [102, 236, 331], *I. hispidus* (Bull. : Fr.) P. Karst. [001, 003, 027, 039, 043, 070, 072, 077, 084, 085, 093, 102, 152, 145, 146, 170, 171, 200, 213, 230, 236, 237, 240, 261, 276, 279, 280, 289, 295, 305, 317, 319, 331, 374, 378], *I. nidus-pici* Pilát [102, 331], *I. obliquus* (Ach. ex Pers. : Fr.) Pilát [279], *I. radiatus* (Sowerby : Fr.) P. Karst. [093, 102, 140, 197, 237, 276, 279], *I. rheades* (Pers.) Bondartsev & Singer [093, 102, 104, 138, 202, 205, 237, 261, 269, 279], *I. tamaricis* (Pat.) Maire [093, 095, 102, 104], *I. vulpinus* (Fr.) P. Karst. [102, 279]

Jaapia sp. [037]

Junghuhnia collabens (Fr.) Ryvarden [141a], *J. nitida* (Pers.) Ryvarden [141a]

Kavinia alboviridis (Morgan) Gilb. & Budington [089]

Kuehneromyces mutabilis (Schaeff. : Fr.) Singer & A.H. Sm. [038, 039, 142, 146, 156, 172, 195, 295, 297, 305, 317, 324, 381]

Laccaria amethystina Cooke [024, 043, 156, 179, 266, 267, 268, 289, 293, 295, 297, 305, 331], *L. bicolor* (Maire) P.D. Orton [024, 038, 039, 085, 265, 295, 344, 375], *L. laccata* (Scop. : Fr.) Cooke [019, 024, 038, 039, 132, 134, 138, 139, 140, 141, 152,

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Lactarius acerrimus Britzelm. [093, 174, 183, 282, 295, 296, 305, 316, 338, 375], *L. acris* (Bolton : Fr.) Gray [296, 362], *L. affinis* Peck [183, 282, 295, 296], *L. aurantiacus* (Pers. : Fr.) Gray [072, 156, 183, 271, 296, 311, 312, 313], *L. azonites* (Bull.) Fr. [183, 268, 305, 374], *L. bertillonii* (Neuhoff ex Z. Schaef.) Bon [282, 296, 358], *L. blennius* (Fr. : Fr.) Fr. [002, 073, 085, 183, 245, 246, 253, 296, 362], *L. camphoratus* (Bull. : Fr.) Fr. [019, 183, 295, 358], *L. chrysorrheus* Fr. [039, 132, 183, 235, 324, 373, 374, 390], *L. circellatus* Fr. [019, 183, 266, 268, 295, 306], *L. controversus* (Pers. : Fr.) Fr. [019, 022, 078, 085, 183, 230, 267, 268, 352, 355, 358, 374], *L. decipiens* Quél. [025, 183], *L. delicatus* Burl. [329], *L. deliciosus* (L. : Fr.) Gray [002, 005, 019, 022, 024, 038, 039, 042, 043, 045, 046, 050, 073, 069, 070, 072, 075, 083, 084, 093, 132, 133, 138, 139, 140, 141, 149, 155, 162, 163, 165, 167, 171, 175, 177, 178, 179, 183, 203, 205, 215, 218, 222, 228, 230, 233, 234, 235, 244, 246, 247, 249, 251, 267, 268, 277, 282, 283, 289, 295, 296, 299, 301, 305, 311, 312, 313, 319, 324, 331, 335, 338, 342, 343, 344, 348, 350, 352, 354, 358, 373, 374, 375, 382, 383, 387], *L. deterrimus* Gröger [038, 039, 045, 050, 053, 073, 069, 072, 083, 084, 085, 132, 135, 139, 141, 156, 175, 178, 179, 183, 233, 234, 235, 265, 296, 311, 312, 313, 314, 319, 323, 324, 348, 352, 354, 374, 375], *L. evosmus* Kühner & Romagn. [019, 295], *L. flavidus* Boud. [183, 287, 295, 299], *L. fluens* Boud. [183, 268], *L. fuliginosus* (Fr. : Fr.) Fr. [085, 183, 267, 268], *L. fulvissimus* Romagn. [019, 183, 268, 353], *L. glyciosmus* (Fr. : Fr.) Fr. [024, 183], *L. helvus* (Fr. : Fr.) Fr. [023, 183, 195, 238, 239, 374], *L. hepaticus* Plowr. [019, 296, 362], *L. hysginus* (Fr. : Fr.) Fr. [085, 374], *L. intermedius* Berk. & Broome [183, 296, 311, 312, 313, 373], *L. lacunarum* Romagn. ex Hora [085], *L. luteolus* Peck [183, 282, 295, 296], *L. mairei* Malençon [132, 183], *L. mammosus* Fr. [072], *L. musteus* Fr. [374], *L.*

pallidus (Pers. : Fr.) Fr. [183, 267, 268, 296, 362], *L. piperatus* (L. : Fr.) Pers. [002, 005, 022, 025, 043, 073, 069, 072, 074, 084, 156, 178, 179, 183, 218, 222, 238, 239, 244, 246, 249, 282, 295, 296, 299, 301, 305, 306, 311, 312, 313, 323, 331, 352, 374], *L. porninsis* Rolland [180, 183], *L. pubescens* (Fr.) Fr. [072], *L. pyrogalus* (Bull. : Fr.) Fr. [019, 183, 267, 268, 374], *L. quieticolor* Romagn. [175, 183], *L. quietus* (Fr. : Fr.) Fr. [162, 163, 183, 274], *L. resimus* (Fr. : Fr.) Fr. [025, 183], *L. rufus* (Scop. : Fr.) Fr. [183, 282, 295, 296, 299, 305, 361, 374], *L. ruginosus* Romagn. [296, 362], *L. salmonicolor* R. Heim & Leclair [002, 022, 041, 069, 085, 130, 152, 155, 179, 183, 191, 215, 245, 246, 247, 249, 253, 265, 296, 313, 319, 335, 350, 358, 374, 383], *L. sanguifluus* (Paulet) Fr. **s. lat.** [010, 038, 132, 152, 156, 175, 178, 179, 181, 183, 296, 382, 386], *L. sanguifluus* var. *violaceus* (Barla) Basso [183, 267, 268, 315, 329], *L. scrobiculatus* (Scop. : Fr.) Fr. **s. lat.** [073, 084, 162, 183, 271, 295, 296, 305, 358, 362], *L. scrobiculatus* var. *canadensis* (A.H. Sm.) Hesler & A.H. Sm. [282, 296], *L. semisanguifluus* R. Heim & Leclair [039, 175, 179, 181, 183, 267, 268, 382, 386], *L. subdulcis* (Pers. : Fr.) Gray [296, 362, 375], *L. tabidus* Fr. [358], *L. torminosus* (Schaeff. : Fr.) Gray [005], *L. uvidus* (Fr. : Fr.) Fr. [019, 053, 183, 195, 296], *L. vellereus* (Fr. : Fr.) Fr. var. *vellereus* [072, 084, 085, 155, 162, 163, 183, 268, 274, 295, 296, 299, 319, 362, 375], *L. vietus* (Fr. : Fr.) Fr. [025, 183], *L. violascens* (J. Otto) Fr. [388], *L. volemus* (Fr. : Fr.) Fr. [002, 022, 024, 025, 058, 059, 067, 183, 249, 282, 295, 296, 299, 301, 305, 306, 335, 362, 374], *L. zonarioides* Kühner & Romagn. [085, 296, 362], *L. zonarius* (Bull.) Fr. [073, 085, 183, 268, 282, 296]

Laetiporus sulphureus (Bull. : Fr.) Murrill [001, 002, 003, 004, 005, 010, 011, 012, 016, 018, 035, 038, 039, 042, 050, 081, 102, 133, 140, 141, 152, 142, 146, 154, 171, 172, 175, 179, 192, 200, 208, 234, 237, 238, 239, 244, 253, 267, 268, 276, 277, 279, 280, 289, 295, 299, 301, 305, 311, 313, 317, 319, 324, 331, 335, 348, 382, 384, 387]

Laricifomes officinalis (Vill. : Fr.) Kotl. & Pouzar [093, 102, 189, 279]

Laxitextum bicolor (Pers. : Fr.) Lentz [329]

Leccinum aurantiacum (Bull.) Gray [085, 162, 163, 175, 274, 281, 297], *L. corsicum* (Rolland) Singer [177, 297], *L. crocipodium* (Letell.) Watling [024, 025, 375], *L. holopus* (Rostk.) Watling [073, 094], *L. insigne* A.H. Sm., Thiers & Watling [297, 362], *L. onychinum* Watling [025], *L. oxydabile* (Singer) Singer [Lannoy & Estadès

(1995) and Legon *et al.* (2005) treated this name as a *nom. dubium*] [053, 297, 338], *L. pseudoscabrum* (Kallenb.) Šutara [002, 025, 085, 277, 282, 295, 297, 305, 358, 362, 373], *L. roseofractum* Watling [346], *L. quercinum* Pilát [281, 297, 362], *L. scabrum* (Bull. : Fr.) Gray [025, 041, 073, 069, 072, 078, 083, 084, 085, 162, 163, 237, 274, 276, 297, 352, 354], *L. subleucophaeum* E.A. Dick & Snell [297, 362], *L. versipelle* (Fr. & Hök) Snell [084, 085, 297, 336, 354]

Lentaria afflata (Lagger) Corner [027, 374]

Lentinellus castoreus (Fr.) Kühner & Maire [271], *L. cochleatus* (Hoffm. : Fr.) P. Karst. [004, 068, 218, 230, 279, 293, 295, 306], *L. omphalodes* (Fr.) P. Karst. [137, 216], *L. ursinus* (Fr.) Kühner [217], *L. tridentinus* (Sacc. & Syd.) Singer [362], *L. vulpinus* (Sowerby : Fr.) Kühner & Maire [329]

Lentinula edodes (Berk.) Pegler [004]

Lentinus carneotomentosus (Batsch) J. Schröt.) [237], *L. tigrinus* (Bull. : Fr.) Fr. [007, 010, 012, 029, 035, 038, 039, 050, 060, 065, 074, 076, 077, 081, 084, 093, 104, 134, 140, 156, 171, 172, 175, 177, 178, 179, 197, 199, 208, 213, 214, 215, 216, 218, 222, 227, 228, 230, 234, 236, 251, 265, 266, 267, 268, 271, 314, 317, 323, 324, 331, 338, 350, 352]

Lenziteella malenconii Ryvarden [190]

Lenzites betulina (L. : Fr.) Fr. [001, 003, 006, 024, 027, 073, 084, 102, 132, 156, 240, 265, 266, 268, 276, 278, 279, 290, 311, 313, 317, 332, 334, 361, 374], *L. warnieri* Durieu & Mont. [043, 102, 240, 331]

Lepiota aspera (Pers. : Fr.) Quél. [072, 083, 085, 156, 251, 297], *L. brunneoincarnata* Chodat & C. Martin [023, 025, 026, 148, 238, 239, 266, 268, 297, 311, 313, 338], *L. castanea* Quél. [162, 163, 230, 297, 390], *L. clypeolaria* (Bull. : Fr.) P. Kumm. [009, 017, 050, 093, 094, 134, 180, 205, 294, 295, 316, 343, 350, 375, 382, 385, 390], *L. cristata* (Bolton : Fr.) P. Kumm. [025, 039, 073, 072, 084, 085, 086, 093, 140, 197, 210, 214, 215, 218, 230, 239, 265, 266, 268, 295, 297, 304, 305, 338, 342, 350, 358, 373, 374, 375, 378], *L. cystophoroides* Joss. & Rioussset [382], *L. eriophora* Peck, *L. erminea* (Fr. : Fr.) P. Kumm. [029, 065, 076, 084, 093, 094, 104, 138, 162, 163, 195, 202, 208, 216, 274, 295, 297, 352, 354, 375, 382, 387], *L. felina* (Pers.) P. Karst. [132, 155, 174, 175, 304, 323, 390], *L. forquignonii* Quél. [329], *L. griseovirens* Maire [140, 388], *L. helveola* Bres. [142, 144, 166, 175, 176, 177, 238, 239], *L.*

ignivolvata Bousset & Joss. ex Bousset & Joss. [094, 180, 259, 295, 374, 375, 382, 385], *L. kuehneri* Huijsman [217], *L. lilacea* Bres. [221], *L. magnispora* Murrill [104, 356], *L. micropholis* (Berk. & Broome) Sacc. [085], *L. ochraceofulva* P.D. Orton [329], *L. oreadiformis* Velen. [029, 093, 140, 202, 203, 265, 374], *L. rhodorhiza* Romagn. & Locq. ex P.D. Orton [297, 362], *L. roseifolia* Murrill [217], *L. subgracilis* Wasser [264], *L. subincarnata* J.E. Lange [140, 264], *L. sublaevigata* Bon & Boiffard [175]

Lepista densifolia (J. Favre) Singer & Cléménçon [353], *L. flaccida* (Sowerby : Fr.) Pat. [019, 074, 078, 084, 181, 281, 289, 295, 297, 305, 354, 373, 374, 375, 382, 383, 384], *L. glaucocana* (Bres.) Singer [374], *L. irina* (Fr.) H.E. Bigelow [019, 024, 084, 354, 374, 375], *L. jacobi* Vellinga & Knudsen [218], *L. luscina* (Fr. : Fr.) Singer [142, 146, 297], *L. nuda* (Bull. : Fr.) Cooke [002, 005, 011, 012, 016, 019, 022, 024, 025, 038, 039, 041, 045, 046, 050, 056, 057, 093, 132, 133, 134, 135, 138, 139, 140, 141, 152, 142, 146, 154, 155, 156, 171, 174, 175, 178, 179, 195, 200, 202, 203, 205, 214, 215, 216, 218, 227, 230, 231, 234, 235, 238, 239, 244, 261, 265, 267, 268, 295, 297, 306, 308, 311, 312, 313, 319, 338, 342, 343, 345, 348, 350, 373, 374, 382, 383], *L. panaeolus* (Fr.) P. Karst [329], *L. personata* (Fr. : Fr.) Cooke [001, 002, 008, 081, 084, 213, 214, 215, 227, 314, 319, 352, 382], *L. saeva* (Fr.) P.D. Orton [078, 104, 134, 174, 175, 177, 179, 200, 297, 323, 355], *L. sordida* (Fr. : Fr.) Singer [050, 104, 140, 177, 265, 266, 267, 268, 281, 297, 373, 382]

Leptoporus mollis (Pers. : Fr.) Quél. [050, 102, 336]

Leucoagaricus americanus (Peck) Vellinga [329], *L. badhamii* (Berk. & Broome) Singer [029, 093, 297, 362], *L. barssii* (Zeller) Vellinga [180, 350, 382], *L. carneifolius* (Gillet) Wasser [197, 259], *L. cinerascens* (Quél.) Bon & Boiffard [180, 348, 382], *L. erioderma* (Malençon) Bon [218], *L. holosericeus* (Fr.) M.M. Moser [093, 256], *L. jubilaei* (Joss.) Bon [297, 329, 362], *L. leucothites* (Vittad.) Wasser [027, 039, 050, 073, 093, 170, 171, 174, 175, 177, 195, 197, 198, 199, 200, 202, 216, 218, 222, 228, 230, 235, 251, 257, 294, 295, 297, 316, 323, 336, 350, 351, 355, 358, 362, 387], *L. littoralis* (Menier) Bon & Boiffard [297, 362], *L. nympharum* (Kalchbr.) Bon [069, 083, 084, 085, 295], *L. serenus* (Fr.) Bon & Boiffard [218], *L. subcretaceus* Bon [353]

Leucocoprinus badhamii (Berk. & Broome) M.M.Moser [218], *L. cygneus* (J.E.

Lange) Bon [297, 362], *L. lanzonii* Bon, Migl. & Brunori [350], *L. straminellus* (Bagl.) Narducci & Caroti [329]

Leucocortinarius bulbiger (Alb. & Schwein. : Fr.) Singer [004]

Leucogaster liosporus R. Hesse [272], *L. luteomaculatus* Zeller & C.W. Dodge [272], *L. nudus* (Hazsl.) Hollós [272]

Leucogyrophana pinastri (Fr. : Fr.) Ginns & Weresub [270]

Leucopaxillus albissimus (Peck) Singer [008, 297, 329], *L. amarus* (Alb. & Schwein. : Fr.) Kühner [297], *L. candidus* (Bres.) Singer [104, 152], *L. gentianeus* (Quél.) Kotl. [008, 218, 222, 228, 297], *L. giganteus* (Sowerby : Fr.) Singer [228, 281, 297], *L. mirabilis* [217], *L. paradoxus* (Costantin & L.M. Dufour) Boursier [329], *L. tricolor* (Peck) Kühner [141]

Lichenomphalia umbellifera (L. : Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys [162, 163, 329, 374], *L. velutina* (Quél.) Redhead, Lutzoni, Moncalvo & Vilgalys [297, 362]

Limacella delicata var. *glioderma* (Fr.) Gminder [215], *L. illinita* (Fr. : Fr.) Maire [373, 399]

Litschauerella clematitidis (Bourdot & Galzin) J. Erikss. & Ryvarden [141a]

Lycoperdon atropurpureum Vittad. [041, 060, 084, 177, 354, 359, 362], *L. decipiens* Durieu & Mont. [064, 071], *L. echinatum* Pers. : Pers. [178, 179, 323, 324, 361], *L. lividum* Pers. [072, 085, 093, 104, 140, 200, 259, 265, 350, 358], *L. mammiforme* Pers. : Pers. [025, 029, 141, 179, 215, 344, 374, 375], *L. marginatum* Vittad. [038, 039, 264], *L. molle* Pers. : Pers. [029, 038, 039, 041, 043, 046, 050, 070, 073, 072, 078, 084, 085, 104, 129, 132, 133, 134, 138, 139, 140, 141, 152, 142, 146, 155, 156, 170, 171, 174, 175, 177, 178, 179, 202, 203, 205, 208, 214, 218, 227, 230, 233, 234, 244, 249, 250, 265, 319, 324, 331, 343, 348, 350, 352, 354, 358, 374, 375], *L. nigrescens* Wahlenb. : Pers. [093, 093, 094, 141, 215, 218, 344, 350], *L. peckii* J.B. Morgan [041], *L. pedicellatum* Peck. [094, 235], *L. perlatum* Pers. : Pers. [002, 011, 012, 024, 025, 038, 039, 041, 043, 045, 046, 050, 059, 073, 069, 072, 078, 084, 085, 093, 130, 131, 132, 133, 134, 135, 138, 139, 140, 141, 152, 142, 145, 146, 149, 155, 156, 170, 171, 174, 175, 177, 178, 179, 203, 205, 215, 218, 222, 228, 230, 233, 234, 235, 244, 261, 265, 267, 268, 272, 282, 289, 295, 305, 311, 312, 313, 319, 324, 331, 344, 348, 350, 352, 358, 361, 362, 373, 374, 375, 382, 383, 384, 387], *L.*

pulcherrimum Berk. & M.A. Curtis [251], *L. pyriforme* Schaeff. : Pers. [004, 012, 016, 025, 038, 039, 046, 140, 155, 156, 179, 191, 235, 290, 295, 306, 313, 317, 319, 374, 375], *L. subpedicellatum* Pilát [272], *L. umbrinum* Pers. : Pers. [012, 041, 078, 084, 093, 140, 191, 197, 235, 265, 268, 272, 281, 313, 319, 362, 375]

Lyophyllum connatum (Schumach. : Fr.) Singer [099, 205, 358], *L. decastes* (Fr. : Fr.) Singer [094, 266, 267, 268, 350], *L. favrei* (R. Haller Aar. & R. Haller Suhr) R. Haller Aar. & R. Haller Suhr [319], *L. infumatum* (Bres.) Kühner [329], *L. leucophaeatum* (P. Karst.) P. Karst. [329], *L. loricatedum* (Fr.) Kühner ex Kalamees [204], *L. multiforme* (Peck) H.E. Bigelow [292, 295], *L. semitale* (Fr. : Fr.) Kühner ex Kalamees [329], *L. transforme* (Britzelm.) Singer [203, 204, 205]

Macrocyttidia cucumis (Pers. : Fr.) Joss. [039, 215, 216, 218, 221, 230]

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leiocephala (P.D. Orton) Redhead, Vilgalys & Hopple [094], *P. plicatilis* (Curtis : Fr.) Redhead, Vilgalys & Hopple [081, 093, 104, 208, 215, 216, 218, 221, 222, 226, 266, 267, 268]

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Phallogaster saccatus Morgan [088]

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Phlebiella borealis K.H. Larss. & Hjortstam [141a], *Ph. sulphurea* (Pers.) Ginns &

M.N.L. Lefebvre [141a]

Phlebiopsis gigantea (Fr. : Fr.) Jülich [102, 156, 272, 311, 313, 336]

Pholiota adiposa (Batsch : Fr.) P. Kumm. (*Ph. aurivella* auct., cfr Holec 2001) [existing in many records from Turkey; at least several of which may be considered related to the current taxonomic treatment of the species], *Ph. alnicola* (Fr. : Fr.) Singer var. *alnicola* [329], *Ph. astragalina* (Fr. : Fr.) Singer [024, 027, 177, 297], *Ph. aurivella* (Batsch) P. Kumm. [221, 230, 353], *Ph. carbonaria* A.H. Sm. [175, 177], *Ph. cerifera* P. Karst. [359] (*Ph. aurivella* auct. pro parte, cfr Holec 2001) [some records may be considered related to the current treatment of this species], *Ph. conissans* (Fr.) M.M. Moser [093, 214, 221, 297, 334], *Ph. flammans* (Batsch : Fr.) P. Kumm. [271, 297], *Ph. gummosa* (Lasch : Fr.) Singer [093, 162, 163, 221, 230, 274, 329, 355, 374], *Ph. highlandensis* (Peck) A.H. Sm. & Hesler [038, 039, 050, 132, 155, 171, 319, 350, 358, 374], *Ph. lenta* (Pers. : Fr.) Singer [027], *Ph. limonella* (Peck) Sacc. [101, 215, 343], *Ph. lubrica* (Pers. : Fr.) Singer [207, 215, 329, 359], *Ph. lucifera* (Lasch) Quél. [014, 016, 017, 039, 104, 197, 213, 261], *Ph. populnea* (Pers. : Fr.) Kuyper & Tjall.-Beuk. [084, 194, 279, 297, 331, 343, 345, 355, 358], *Ph. spumosa* (Fr. : Fr.) Singer [018, 074, 093, 162, 163, 271, 274, 297, 334], *Ph. squarrosa* (Weigel : Fr.) P. Kumm. [001, 002, 003, 004, 017, 084, 086, 093, 145, 210, 215, 227, 238, 239, 297], *Ph. subochracea* (A.H. Sm.) A.H. Sm. & Hesler [101], *Ph. tuberculosa* (Schaeff. : Fr.) P. Kumm. [027, 029, 093, 132, 230, 297, 334, 374, 390]

Pholiotina vestita (Fr.) Singer [217]

Phylloporia ribis (Schumach. : Fr.) Ryvarden [044, 102, 132], *Ph. spathulata* (Hook.) Ryvarden [240]

Phylloporus pelletieri (Lév.) Quél. [297, 361]

Phyllotopsis nidulans (Pers. : Fr.) Singer [025, 027, 162, 163, 274]

Physisporinus sanguinolentus (Alb. & Schwein. : Fr.) Pilát [141a, 329], *Ph. vitreus* (Pers. : Fr.) P. Karst. [102, 264]

Piloderma byssinum (P. Karst.) Jülich [102, 272], *P. fallax* (Lib.) Stalpers [102, 188]

Piptoporus betulinus (Bull. : Fr.) P. Karst. [329]; *P. quercinus* (Schrad.) P. Karts. [102, 240]

Pisolithus arrhizus (Scop. : Pers.) Rauschert [039, 046, 050, 132, 135, 140, 155, 171,

174, 175, 177, 178, 215, 218, 237, 314, 319, 324, 345]

Pleurocybella porrigens (Pers. : Fr.) Singer [259, 295]

Pleurotellus chioneus (Pers.) Kühner [262]

Pleurotus cornucopiae (Paulet) Rolland [002, 004, 038, 039, 043, 053, 146, 174, 200, 237, 260, 266, 267, 268, 279, 293, 295, 297, 331, 335, 381], *P. dryinus* (Pers. : Fr.) P. Kumm. [004, 192, 208, 230, 261, 297, 334, 357, 358], *P. eryngii* (DC. : Fr.) Quél. s. lat. [004, 010, 011, 012, 016, 017, 018, 026, 046, 060, 073, 069, 076, 078, 081, 084, 104, 129, 133, 138, 139, 141, 142, 146, 154, 168, 170, 174, 179, 193, 202, 205, 208, 214, 216, 218, 222, 228, 230, 233, 234, 244, 246, 250, 254, 255, 261, 259, 297, 314, 343, 348, 350, 354, 358, 373, 390], *P. fuscus* var. *ferulae* Lanzi [297], *P. ilgazicus* Pilát [271, 297], *P. nemecii* Pilát [271, 297], *P. ostreatus* (Jacq. : Fr.) P. Kumm. [001, 002, 003, 004, 005, 007, 010, 011, 012, 016, 017, 022, 025, 026, 027, 029, 035, 038, 039, 041, 042, 046, 050, 060, 063, 069, 070, 074, 076, 078, 081, 083, 084, 093, 104, 129, 132, 133, 135, 138, 139, 140, 141, 152, 142, 144, 145, 146, 154, 156, 162, 163, 165, 168, 170, 171, 172, 174, 175, 177, 179, 193, 197, 200, 202, 205, 208, 214, 215, 216, 218, 222, 227, 228, 230, 233, 234, 244, 245, 246, 249, 250, 251, 254, 255, 257, 259, 260, 261, 267, 279, 290, 297, 305, 311, 313, 317, 319, 324, 333, 334, 335, 338, 343, 344, 348, 350, 354, 355, 358, 373, 374, 378, 381, 383], *P. populinus* O. Hilber & O.K. Mill. [329], *P. pubescens* Peck [281, 297], *P. pulmonarius* (Fr. : Fr.) Quél. [004, 025, 027, 093, 104, 279, 297], *P. spodoleucus* (Fr. : Fr.) Quél. [361]

Plicaturopsis crispa (Pers. : Fr.) D.A. Reid [102, 156, 317]

Pluteus atromarginatus (Konrad) Kühner [027, 358], *P. aurantiorugosus* (Trog) Sacc. [170, 175, 350], *P. brunneoradiatus* Bonnard [358], *P. cervinus* (Schaeff.) P. Kumm. var. *cervinus* [004, 038, 039, 083, 085, 192, 208, 215, 237, 276, 279, 295, 297, 352], *P. cinereofuscus* J.E. Lange [060, 099], *P. diettrichii* Bres. [214, 221, 353], *P. ephebeus* (Fr. : Fr.) Gillet [081], *P. leoninus* (Schaeff. : Fr.) P. Kumm. [025, 027], *P. nanus* (Pers. : Fr.) P. Kumm. [085, 218, 264, 353], *P. petasatus* (Fr.) Gillet [039, 221, 281, 297, 344], *P. plautus* (Weinm.) Gillet [036, 039, 125, 265], *P. podospileus* Sacc. & Cub. [221, 264, 297, 358], *P. pouzarianus* Singer var. *pouzarianus* [329], *P. pouzarianus* var. *albus* Bonnard [215, 228], *P. robertii* (Fr.) P. Karst. [050, 051], *P. romellii* (Britzelm.) Sacc. [060, 081, 093, 208, 214, 215, 216,

218, 221, 222, 227, 228, 230, 383, 390], *P. roseipes* Höhn. [036, 039], *P. salicinus* (Pers. : Fr.) P. Kumm. [025, 027, 039, 083, 085, 086, 141, 179, 210, 213, 227, 230, 234, 238, 239, 297, 336, 374], *P. satur* Kühner & Romagn. [093, 265], *P. thomsonii* (Berk. & Broome) Dennis [039, 208, 212, 265], *P. tomentosulus* Peck [297], *P. umbrosus* (Pers. : Fr.) P. Kumm. [027, 039, 374, 375]

Podofomes corrugis (Fr.) Pouzar [269], *P. trogii* (Fr.) Pouzar [240, 355, 358]

Polyporus alveolaris (DC. : Fr.) Bondartsev & Singer [102, 154], *P. arcularius* (Batsch : Fr.) Fr. [027, 039, 043, 072, 102, 154, 156, 178, 214, 215, 216, 235, 240, 244, 265, 276, 281, 311, 313, 317, 324, 331, 375, 390], *P. badius* (Pers.) Schwein. [072, 081, 102, 215, 295, 299], *P. brumalis* (Pers. : Fr.) Fr. [027, 035, 039, 043, 073, 084, 085, 102, 156, 171, 175, 205, 218, 253, 265, 317, 331, 338, 342, 343, 355, 373, 383], *P. ciliatus* Fr. : Fr. [025, 027, 374], *P. confluens* (Alb. & Schwein. : Fr.) Fr. [004, 102], *P. guianensis* Mont. [031], *P. leptcephalus* (Jacq. : Fr.) Fr. [018, 025, 027, 043, 085, 102, 215, 218, 235, 268, 270, 279, 331, 334, 355, 374], *P. melanopus* Fr. [033], *P. meridionalis* (A. David) H. Jahn [084, 102, 213], *P. rhizophilus* (Pat.) Sacc. [039, 060, 065, 102, 208, 214, 216], *P. squamosus* (Huds. : Fr.) Fr. [001, 002, 003, 004, 005, 010, 011, 012, 016, 018, 024, 027, 035, 042, 043, 050, 060, 065, 076, 081, 083, 084, 085, 102, 129, 133, 138, 139, 141, 154, 170, 174, 179, 192, 200, 202, 205, 208, 213, 214, 215, 227, 230, 234, 244, 250, 257, 260, 266, 267, 268, 279, 280, 282, 295, 301, 305, 311, 313, 317, 331, 335, 338, 342, 345, 348, 350, 354, 355, 358, 374], *P. tuberaster* (Jacq. : Fr.) Fr. [039, 102, 336, 344], *P. umbellatus* (Pers. : Fr.) Fr. [004, 053, 102, 290, 295], *P. versatilis* Berk. [102, 279]

Porotheleum fimbriatum (Pers. : Fr.) Fr. [141a, 329]

Porphyrellus porphyrosporus (Fr. & Hök) E.-J. Gilbert [282, 297]

Porpomyces mucidus (Pers.) Jülich [141a]

Postia caesia (Schrad. : Fr.) P. Karst. [102, 269, 336], *P. floriformis* (Quél.) Jülich [102, 276], *P. fragilis* (Fr. : Fr.) Jülich. [329], *P. placenta* (Fr.) M.J. Larsen & Lombard [102, 264], *P. stiptica* (Pers. : Fr.) Jülich [046, 085, 093, 102, 104, 236, 265, 281, 305], *P. tephroleuca* (Fr. : Fr.) Jülich [036, 039, 093, 102, 104, 290]

Psathyrella ammophila (Durieu & Lév.) P.D. Orton [060, 162, 163, 221, 274], *P. artemisiae* (Pass.) Konrad & Maubl. [093, 329], *P. atomata* (Fr. : Fr.) Quél. (note: a part of records or all of them may represent *P. atomata sensu auct.* = *P. prona* f.

cana Kits van Wav.) [162, 163, 213, 221, 230, 274, 355, 358], *P. badiophylla* (Romagn.) Park.-Rhodes [206], *P. bifrons* (Berk.) A.H. Sm. [140, 206, 359], *P. bipellis* (Quél.) A.H. Sm. [098, 220, 221, 230], *P. candolleana* (Fr. : Fr.) Maire [017, 018, 029, 039, 050, 060, 072, 084, 085, 093, 094, 104, 132, 140, 171, 174, 175, 202, 205, 208, 213, 214, 215, 216, 218, 222, 227, 228, 230, 265, 297, 343, 345, 350, 355, 358, 362, 373, 374, 390], *P. cernua* (Vahl) M.M. Moser [206], *P. conopilus* (Fr. : Fr.) A. Pearson & Dennis [197, 220, 221], *P. cotonea* (Quél.) Konrad & Maubl. [094, 098, 221], *P. fatua* (Fr. : Fr.) Konrad & Maubl. [065, 261, 297], *P. frustulenta* (Fr.) A.H. Sm. [015], *P. gordonii* (Berk. & Broome) A. Pearson & Dennis [162, 163, 274], *P. corrugis* (Pers. : Fr.) Konrad & Maubl. [177, 221, 297], *P. leucotephra* (Berk. & Broome) P.D. Orton [349], *P. lutensis* (Romagn.) M.M. Moser ex Bon [098], *P. marcescibilis* (Britzelm.) Singer [039, 098, 104, 216, 221, 230, 350, 375], *P. melanthina* (Fr.) Kits van Wav. [297, 362], *P. microrhiza* (Lasch) Konrad & Maubl. [015, 268], *P. multipedata* (Peck) A.H. Sm. [024, 085, 345, 374], *P. murcida* (Fr. : Fr.) Kits van Wav. [206, 265, 345], *P. obtusata* (Pers.) A.H. Sm. [081, 104, 297, 334, 373], *P. obtusata* var. *aberrans* Kits van Wav. [140, 221], *P. ochracea* (Romagn.) M.M. Moser ex Kits van Wav. [098, 104, 355], *P. pennata* (Fr.) Konrad & Maubl. [221], *P. phagophila* Romagn. [263], *P. piluliformis* (Bull. : Fr.) P.D. Orton [018, 025, 060, 162, 163, 274], *P. prona* (Fr.) Gillet [050, 230, 297, 362], *P. prona* f. *picta* (Romagn.) Kits van Wav. [220, 221], *P. prona* (Fr.) Gillet f. *prona* [217, 221], *P. pseudogracilis* (Romagn.) M.M. Moser [098, 230], *P. pygmaea* (Bull. : Fr.) Singer [329], *P. spadicea* (Schaeff. : Fr.) Singer [011, 093, 197, 213], *P. spadiceogrisea* (Schaeff.) Maire [104, 213, 297, 334, 362], *P. sphagnicola* (Maire) J. Favre [098], *P. tephrophylla* (Romagn.) M.M. Moser ex Bon [029, 093, 094, 104, 162, 163, 230, 265, 345], *P. umbonata* (Peck) A.H. Sm. [251], *P. vinosofulva* P.D. Orton [220, 221]

Pseudoclitocybe expallens (Pers. : Fr.) M.M. Moser [393], *P. cyathiformis* (Bull. : Fr.) Singer [221, 235, 297, 334, 374, 382], *P. obbata* (Fr.) Singer [217]

Pseudocraterellus sinuosus (Fr. : Fr.) Corner [053, 268, 295, 305]

Pseudohydnum gelatinosum (Scop. : Fr.) P. Karst. [004, 156, 228, 261, 295, 317, 334]

Pseudoinonotus dryadeus (Pers. : Fr.) T. Wagner & M. Fisch. [039, 074, 102, 213, 237, 276, 279, 295, 299, 333]

- Pseudoomphalina compressipes* (Peck.) Singer [329]
- Pseudotomentella mucidula* (P. Karst.) Svrček [102, 270], *P. tristis* (P. Karst.) M.J. Larsen [102, 270]
- Psilocybe coprophila* (Bull. : Fr.) P. Kumm. [101, 220, 221], *P. crobula* (Fr.) Singer [329], *P. cubensis* (Earle) Singer [050, 051], *P. inquilina* (Fr. : Fr.) Bres. [324], *P. merdicola* Huijman [360], *P. merdaria* (Fr. : Fr.) Ricken [171, 353], *P. montana* (Pers. : Fr.) P. Kumm. [221], *P. montana* var. *macrospora* Noordel. & Verduin [220], *P. phyllogena* (Peck) Peck [031, 033], *P. pratensis* P.D. Orton [050, 177, 297], *P. squamosa* (Pers. : Fr.) P.D. Orton [156, 162, 163], *P. subcoprophila* (Britzelm.) Sacc. [032], *P. subviscida* (Peck) Kauffman var. *subviscida* [329], *P. subviscida* var. *velata* Noordel. & Verduin [050, 051]
- Pterula multifida* (Chevall.) Fr. [329]
- Pulcherricium caeruleum* (Lam. : Fr.) Parmasto [039, 102, 188, 236, 237, 265, 276, 279, 290, 332]
- Pycnoporus cinnabarinus* (Jacq. : Fr.) Fr. [025, 027, 085, 102, 146, 235, 355, 358, 374, 375]
- Pyrofomes demidoffii* (Lév.) Kotl. & Pouzar [093, 102, 104, 177, 190, 261, 279]
- Radulomyces confluens* (Fr. : Fr.) M.P. Christ. [102, 272]
- Ramaria abietina* (Pers. : Fr.) Quél. [102, 264, 315], *R. aurea* (Schaeff. : Fr.) Quél. [017, 019, 022, 025, 102, 267, 268, 289, 295, 362], *R. bataillei* (Maire) Corner [102, 175], *R. botrytis* (Pers. : Fr.) Ricken [004, 025, 053, 102, 165, 175, 179, 251, 293, 295, 299], *R. fennica* var. *griseolilacina* Schild [102, 175, 235, 316], *R. flaccida* (Fr. : Fr.) Bourdot [100, 102], *R. flava* (Schaeff. : Fr.) Quél. [002, 004, 022, 024, 025, 043, 059, 070, 093, 102, 138, 152, 156, 175, 179, 205, 218, 228, 230, 235, 253, 261, 267, 268, 277, 282, 295, 299, 305, 306, 311, 312, 313, 319, 331, 343, 373, 374], *R. flavescens* Schaeff. ex R.H. Petersen [374], *R. flavobrunnescens* (G.F. Atk.) Corner [373, 374], *R. formosa* (Pers. : Fr.) Quél. [004, 043, 072, 102, 152, 156, 166, 175, 238, 239, 268, 295, 299, 331, 361, 362], *R. gracilis* (Pers. : Fr.) Quél. [100, 102], *R. largentii* Marr & D.E. Stuntz [019, 085, 102], *R. lutea* Schild [019, 022, 025, 069, 085, 102, 373, 374], *R. mairei* Donk [362], *R. obtusissima* (Peck) Corner [102, 264, 316], *R. pallida* Maire [102, 295], *R. stricta* (Pers. : Fr.) Quél. [002, 004, 069, 081, 102, 218, 234, 247, 282, 295, 336, 390, 391], *R. suecica* (Fr. : Fr.) Donk [103]

- Rectipilus fasciculatus* (Pers. : Fr.) Agerer [270]
- Resupinatus applicatus* (Batsch : Fr.) Gray [334], *R. trichotis* (Pers.) Singer [204], *R. unguicularis* (Fr. : Fr.) Singer [334]
- Rhizopogon luteolus* Fr. & Nordholm : Fr. [002, 004, 011, 012, 016, 017, 018, 039, 046, 050, 069, 084, 132, 133, 134, 135, 138, 139, 140, 141, 167, 171, 175, 177, 178, 179, 199, 203, 205, 214, 215, 216, 218, 222, 227, 228, 233, 234, 235, 249, 265, 272, 319, 324, 335, 338, 342, 343, 344, 348, 350, 387], *R. marchii* (Bres.) Zeller & C.W. Dodge [298], *R. ochraceorubens* A.H. Sm. [374, 375], *R. roseolus* (Corda) Th. Fr. s. lat. [004, 016, 024, 025, 029, 038, 039, 041, 050, 070, 078, 085, 093, 104, 133, 134, 139, 140, 141, 152, 154, 156, 171, 175, 177, 178, 179, 197, 199, 233, 234, 235, 265, 297, 311, 312, 313, 319, 324, 335, 344, 348, 350, 358, 373, 374, 375, 382, 383]
- Rhodocollybia butyracea* (Bull. : Fr.) Lennox f. *butyracea* [025, 132, 134, 135, 155, 175, 178, 180, 179, 251, 295, 297, 324, 382, 384], *R. butyracea* f. *asema* (Fr. : Fr.) Antonín, Halling & Noordel. [180, 374, 382], *R. maculata* (Alb. & Schwein. : Fr.) Singer var. *maculata* [085, 375], *R. proluxa* var. *distorta* (Fr.) Antonín, Halling & Noordel. [390]
- Rhodocybe fallax* (Quél.) Singer [213], *R. gemina* (Fr.) Kuyper & Noordel. [362], *R. hirneola* (Fr. : Fr.) P.D. Orton [329], *R. nitellina* (Fr.) Singer [329], *R. popinalis* (Fr. : Fr.) Singer [297, 362]
- Rickenella fibula* (Bull. : Fr.) Raithelh. [297, 324, 362]
- Rigidoporus ulmarius* (Sowerby : Fr.) Imazeki [102, 236, 237, 240, 266, 268, 276, 279]
- Russula aeruginea* Fr. [025, 162, 163, 274, 282, 296, 358, 373, 374, 375], *R. acetolens* Rauschert [374, 375], *R. acrifolia* Romagn. [296, 362], *R. adulterina* Fr. [025, 296, 362], *R. adusta* (Pers. : Fr.) Fr. [329], *R. albonigra* (Krombh.) Fr. [025, 069, 072, 078, 084, 085, 218, 282, 296, 352, 375], *R. alnetorum* Romagn. [085], *R. alutacea* (Fr. : Fr.) Fr. [329], *R. amethystina* Quél. [024, 374], *R. amoena* Quél. [025], *R. amoenolens* Romagn. [358], *R. anatina* Romagn. [296], *R. anthracina* Romagn. [025, 295, 353, 374], *R. aquosa* Leclair [271, 296, 395, 397], *R. atropurpurea* (Krombh.) Britzelm. [025, 050, 078, 085, 175, 179, 251, 296, 373, 374, 390], *R. atrorubens* Quél. [329], *R. aurantiaca* (Schaeff.) Romagn. [329], *R. aurea* Pers. [005, 010, 041, 043, 085, 142, 145, 146, 156, 253, 282, 295, 296, 311, 312, 313, 314, 331, 374], *R. aurora* (Krombh.) Bres. [361], *R. azurea* Bres. [141], *R. badia* Quél.

[353], *R. betulorum* Hora [023, 025, 073, 074, 078, 084, 086, 296, 354], *R. borealis* Kauffman [329], *R. brevipes* Peck [281, 296], *R. brunneoviolacea* Crawshay [025, 374], *R. cavipes* Britzelm. [374], *R. cessans* A. Pearson [019, 025, 375], *R. chloroides* (Krombh.) Bres. [002, 093, 129, 175, 247, 296], *R. claroflava* Grove [085, 162, 374], *R. cremeoavellanea* Singer [217], *R. curtipes* F.H. Møller & Jul. Schäff. [162, 163, 274], *R. cyanoxantha* (Schaeff.) Fr. [010, 012, 016, 018, 025, 038, 039, 073, 084, 140, 141, 171, 175, 295, 296, 305, 344, 350, 354, 373, 374, 375], *R. decipiens* (Singer) Kühner & Romagn. [358], *R. delica* Fr. s. lat. [002, 007, 010, 011, 012, 016, 018, 022, 026, 038, 039, 042, 045, 046, 050, 054, 073, 069, 072, 074, 075, 078, 083, 084, 085, 132, 133, 134, 138, 140, 141, 142, 145, 146, 155, 156, 162, 167, 171, 175, 177, 178, 179, 202, 205, 218, 233, 234, 235, 244, 249, 265, 266, 267, 268, 281, 282, 283, 293, 295, 296, 299, 305, 306, 311, 312, 313, 319, 335, 343, 344, 345, 348, 350, 352, 354, 358, 373, 374, 375, 383, 387], *R. delica* var. *trachyspora* Romagn. [362], *R. densifolia* Gillet [175], *R. emetica* (Schaeff. : Fr.) Pers. [053, 093, 094, 238, 239, 265, 296, 373], *R. emeticicolor* Jul. Schäff. [358], *R. farinipes* Romell [025, 373, 374, 375], *R. fellea* (Fr. : Fr.) Fr. [084, 175, 296, 354, 362, 358, 375], *R. firmula* Jul. Schäff. [358], *R. foetens* (Pers. : Fr.) Fr. [039, 073, 069, 070, 072, 084, 085, 140, 156, 175, 282, 295, 296, 305, 323, 348, 351, 358, 361, 375, 387], *R. fragilis* (Pers. : Fr.) Fr. var. *fragilis* [025, 374, 375], *R. gracilis* Burl. [329], *R. grata* Britzelm. [025, 069, 282, 295, 296, 375], *R. grisea* (Batsch) Fr. [025, 073, 205, 296, 343], *R. heterophylla* (Fr. : Fr.) Fr. [374], *R. integra* (L.) Fr. var. *integra* [072, 375], *R. ionochlora* Romagn. [025], *R. laeta* Jul. Schäff. [374], *R. livescens* (Batsch) Bataille [025, 039, 352, 353], *R. luteotacta* Rea [072, 078, 086, 282, 295, 296, 362, 374, 375], *R. maculata* Quél. & Roze [296, 362, 373], *R. melliolens* Quél. [329], *R. minutula* Velen. [019], *R. nauseosa* (Pers.) Fr. [040], *R. nigricans* (Bull.) Fr. [024, 025, 073, 085, 175, 296], *R. nitida* (Pers. : Fr.) Fr. [329; *R. aff. nitida* 296, 362], *R. nobilis* Velen. [019, 025, 265, 295, 296, 362], *R. ochroleuca* (Pers.) Fr. [016, 024, 029, 038, 039, 041, 074, 093, 175, 177, 261, 265, 296, 374, 375], *R. olivacea* (Schaeff.) Fr. [043, 140, 156, 191, 238, 239, 296, 311, 312, 313, 331, 350], *R. olivaceoviolascens* Gillet [349], *R. pallidospora* J. Blum ex Romagn. [093, 199, 296], *R. paludosa* Britzelm. [053, 085, 296, 375], *R. parazurea* Jul. Schäff. [025, 085, 282, 295, 296], *R. pectinatoides* Peck [375], *R. persicina* Krombh. [025, 069,

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Sarcodon glaucopus Maas Geest. & Nannf. [072, 093, 102, 138, 140, 205, 375], *S. imbricatus* (L. : Fr.) P. Karst. [004, 010, 016, 059, 093, 102, 179, 215, 218, 222, 228, 235, 261, 282, 283, 299, 301, 305], *S. leucopus* (Pers.) Maas Geest. & Nannf. [004, 375], *S. scabrosus* (Fr.) P. Karst. [070, 084, 085, 102, 175, 177, 390], *S. squamosus* (Schaeff.) Quél. [002, 004, 295]

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Sebacina epigaea (Berk. & Broome) Neuhoff [302], *S. incrustans* (Pers. : Fr.) Tul. & C. Tul. [019, 025, 287, 305]

Serpula lacrymans (Wulfen) P. Karst. [141a]

Setulipes androsaceus (L. : Fr.) Antonín [024, 027, 039, 046, 162, 163, 175, 177, 178, 235, 274, 297, 319, 334, 373, 374], *S. quercophilus* (Pouzar) Antonín [297, 329, 362]

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Stereum gausapatum (Fr. : Fr.) Fr. [001, 003, 039, 102, 188, 237, 240, 265, 266, 268, 276, 279, 332], *S. hirsutum* (Willd. : Fr.) Gray [001, 003, 006, 018, 027, 035, 039, 046, 050, 060, 081, 085, 093, 102, 132, 134, 135, 140, 141, 145, 155, 171, 174, 177, 188, 230, 234, 235, 236, 237, 240, 244, 265, 266, 268, 276, 278, 279, 280, 289, 290, 314, 317, 319, 324, 331, 332, 334, 348, 350, 373, 382], *S. insignitum* Quél. [043, 102, 156, 240, 295, 311, 313, 331], *S. ochraceoflavum* (Schwein.) Sacc. [025, 027, 102, 140, 141a, 265, 348, 373], *S. ostrea* (Blume & T. Nees : Fr.) Fr. [102, 319], *S. rugosum* (Pers. : Fr.) Fr. [039, 102, 104, 141a, 265], *S. sanguinolentum* (Alb. & Schwein. : Fr.) Fr. [001, 003, 025, 027, 093, 102, 188, 237, 270, 350, 373, 374], *S.*

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Stropharia aeruginosa (Curtis : Fr.) Quél. [016, 039, 046, 093, 156, 175, 177, 178, 235, 237, 268, 276, 297, 314, 319, 324, 374, 375], *S. ambigua* (Peck) Zeller [220, 221], *S. aurantiaca* (Cooke) M. Imai [036, 039], *S. caerulea* Kreisel [220, 221, 235], *S. coronilla* (Bull. : Fr.) Fr. [016, 017, 038, 039, 050, 060, 073, 065, 076, 081, 084, 093, 132, 140, 155, 162, 163, 170, 171, 174, 175, 178, 179, 198, 202, 205, 208, 213, 214, 215, 216, 218, 222, 227, 228, 230, 244, 251, 265, 297, 319, 324, 348, 382], *S. hornemannii* (Fr. : Fr.) S. Lundell & Nannf. [355], *S. inuncta* (Fr. : Fr.) Quél. [162, 163], *S. luteonitens* (Fr. : Fr.) Quél. [050, 051], *S. melanosperma* (Bull.) Quél. [221], *S. rugosoannulata* Farl. ex Murrill [004], *S. pseudocyanea* (Desm. : Fr.) Morgan [356], *S. semiglobata* (Batsch : Fr.) Quél. [039, 093, 178, 194, 213, 215, 230, 218, 251, 271, 297, 314, 319, 323, 342, 358, 374]

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- Thiers. [053, 297], *S. placidus* (Bonord.) Singer [162, 163, 175, 265, 274], *S. variegatus* (Sw.) Richon & Roze [269, 281, 297, 374, 375]
- Tapinella atrotomentosa* (Batsch : Fr.) Šutara [004, 073, 072, 078, 084, 085, 197, 268, 279, 282, 289, 295, 297, 305, 311, 312, 313, 344, 374, 375], *T. panuoides* (Fr. : Fr.) E.-J. Gilbert [001, 003, 004, 039, 132, 134, 152, 175, 215, 278, 293, 295, 297, 316, 317, 342, 390]
- Tephrocycbe ambusta* (Fr. : Fr.) Donk [162, 163, 274], *T. confusa* (P.D. Orton) P.D. Orton [374], *T. palustris* (Peck) Donk [374]
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- Thelephora anthocephala* (Bull. : Fr.) Fr. [084, 354], *T. atra* Weinm. [270], *T. caryophyllea* (Schaeff. : Fr.) Pers. [102, 264, 316], *T. palmata* (Scop. : Fr.) Fr. [102, 268, 290, 293, 295, 305], *T. penicillata* (Pers. : Fr.) Fr. [024, 027, 102, 268, 295], *T. terrestris* Ehrh. : Fr. [078, 085, 102, 178, 221, 317, 323]
- Tomentella asperula* (P. Karst.) Höhn. & Litsch. [270], *T. badia* (Link) Stalpers [270], *T. cinerascens* (P. Karst.) Höhn. & Litsch. [102, 270], *T. coerulea* (Bres.) Höhn. & Litsch. [102, 270], *T. ferruginea* (Pers. : Fr.) Pat. [102, 270], *T. fibrosa* (Berk. & M.A. Curtis) Kõljalg [102, 270], *T. lapida* (Pers.) Stalpers [102, 270], *T. pilatii* Litsch. [102, 270], *T. porulosa* (Bourdot & Galzin) M.P. Christ. [270], *T. stuposa* (Link) Stalpers [102, 270], *T. subclavigera* Litsch. [102, 270], *T. subfusca* (P. Karst.) Höhn & Litsch. [270]
- Torrendia pulchella* Bres. [177, 184, 297, 363]
- Trametes cubensis* (Mont.) Sacc. [329], *T. gibbosa* (Pers. : Fr.) Fr. [001, 003, 006, 010, 024, 027, 029, 093, 102, 138, 139, 205, 230, 234, 237, 240, 268, 276, 279, 282, 295, 305, 311, 313, 332, 334, 343, 348, 378], *T. hirsuta* (Wulfen : Fr.) Pilát f. *hirsuta* [001, 003, 019, 024, 027, 029, 085, 102, 104, 215, 235, 237, 240, 265, 266, 268, 276, 278, 279, 280, 289, 331, 332, 374, 375, 378], *T. hirsuta* f. *fibula* (Fr.) Pilát [293, 295], *T. ochracea* (Pers.) Gilb. & Ryvarde [039, 093, 102, 154, 156, 265, 311, 313], *T. pubescens* (Schumach. : Fr.) Pilát [025, 027, 073, 072, 084, 102, 156, 170, 215, 230, 265, 269, 311, 313, 344, 354, 373, 374, 375], *T. suaveolens* (L. : Fr.) Fr. [039, 102, 237, 261, 265, 279, 358], *T. versicolor* (L. : Fr.) Lloyd [001, 003, 006, 017, 025, 027, 035, 039, 043, 046, 050, 070, 072, 081, 084, 085, 086, 093, 102, 135, 141, 144,

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Tremella encephala Willd. [027, 374], *T. exigua* Desm. [361], *T. foliacea* Pers. : Fr. [287, 295, 323], *T. fuciformis* Berk. [004], *T. globispora* D.A. Reid. [329], *T. mesenterica* Retz. : Fr. [006, 027, 039, 085, 171, 175, 178, 179, 215, 265, 266, 268, 279, 289, 290, 317, 319, 323, 324, 334, 338, 374]

Trichaptum abietinum (Dicks. : Fr.) Ryvarden [006, 093, 102, 104, 178, 197, 199, 205, 215, 237, 259, 265, 269, 279, 317, 323, 334], *T. biforme* (Fr.) Ryvarden [006, 102, 152, 145, 237, 240, 276, 279, 329, 334, 338], *T. fuscoviolaceum* (Ehrenb. : Fr.) Ryvarden [039, 093, 102, 265]

Tricholoma acerbum (Bull. : Fr.) Quél. [025, 374], *T. albobrunneum* (Pers. : Fr.) P. Kumm. [012, 016, 018, 248, 297, 358, 374], *T. album* (Schaeff. : Fr.) P. Kumm. [093, 373], *T. anaticum* Doğan & Intini [164, 230], *T. apium* Jul. Schäff. [329], *T. argyraceum* (Bull.) Gillet [197, 265], *T. arvernense* Bon [104, 203, 348, 350, 375], *T. atosquamosum* (Chevall.) Sacc. var. *atosquamosum* [215], *T. atosquamosum* var. *squarrulosum* (Bres.) Mort. Chr. & Noordel. [267, 268], *T. aurantium* (Schaeff. : Fr.) Ricken [261, 271, 375, 383], *T. basirubens* (Bon) A. Riva & Bon [295, 353, 375], *T. batschii* Gulden [016, 018, 019, 039, 050, 084, 132, 156, 175, 177, 178, 218, 230, 265, 267, 268, 297, 319, 323, 324, 350, 354, 374, 375, 385, 387], *T. caligatum* (Viv.) Ricken [004, 016, 038, 039, 041, 129, 130, 152, 165, 171, 175, 177, 179, 187, 261, 265, 297, 319, 323], *T. cingulatum* (Almfelt : Fr.) Jacobashch [375], *T. colossus* (Fr.) Quél. [016, 132, 165, 175, 179, 323, 329], *T. columbetta* (Fr. : Fr.) P. Kumm. [104, 179, 261], *T. equestre* (L. : Fr.) P. Kumm. [002, 010, 019, 093, 179, 195, 235, 238, 239, 261, 265, 297, 311, 312, 313, 323, 374, 375, 378, 387], *T. focale* (Fr.) Ricken [004, 265, 350], *T. fulvum* (Bull. : Fr.) Bigeard & H. Guill. [373, 374], *T. imbricatum* (Fr. : Fr.) P. Kumm. [093, 104, 203, 205, 294, 295, 306, 343, 374], *T.*

inamoenum (Fr.) Gillet [360], *T. inocyboides* Corner [194], *T. josserandii* Bon [329], *T. lascivum* (Fr. : Fr.) Gillet [025, 084, 265, 373], *T. luridum* (Schaeff. : Fr.) P. Kumm. [211, 215, 374], *T. magnivelare* (Peck) Redhead [215, 228], *T. myomyces* (Pers. : Fr.) J.E. Lange [218, 221, 230, 348, 350, 359], *T. orirubens* Quél. [019, 093, 265, 297, 373], *T. pardalotum* Herink & Kotl. [093, 238, 239, 319], *T. pessundatum* (Fr. : Fr.) Quél. [008, 359, 374], *T. populinum* J.E. Lange [007, 008, 016, 029, 072, 093, 213, 228, 230, 297, 358], *T. portentosum* (Fr. : Fr.) Quél. [025, 029, 093, 104, 375], *T. radotinense* Pilát & Charvát [329], *T. robustum* (Alb. & Schwein. : Fr.) Ricken [004], *T. saponaceum* (Fr. : Fr.) P. Kumm. var. *saponaceum* [018, 025, 130, 295, 375], *T. sculpturatum* (Fr.) Quél. [029, 083, 085, 086, 093, 210, 211, 239, 261, 265, 266, 268, 374, 375], *T. sciodes* (Pers.) C. Martin [011, 070, 215], *T. sejunctum* (Sowerby : Fr.) Quél. s. lat. [265, 282, 295, 297, 373, 375], *T. sejunctum* var. *coniferarum* Bon [268], *T. stans* (Fr.) Sacc. [093, 094, 259, 265, 316, 348, 350, 375, 382, 385, 387], *T. striatum* (Schaeff.) Sacc. [271], *T. sulphurescens* Bres. [025, 350, 353, 373], *T. sulphureum* (Bull. : Fr.) Fr. var. *sulphureum* [012, 238, 268, 350, 373], *T. terreum* (Schaeff.) P. Kumm. [002, 011, 012, 016, 017, 018, 019, 025, 029, 038, 039, 045, 046, 050, 053, 093, 132, 133, 138, 139, 141, 152, 145, 154, 155, 162, 163, 171, 174, 175, 177, 178, 179, 203, 205, 222, 228, 233, 234, 239, 261, 265, 267, 268, 273, 276, 294, 295, 297, 305, 311, 312, 313, 319, 335, 338, 342, 343, 351, 361, 373, 374, 375, 382, 383, 384, 386, 387], *T. triste* (Scop.) Quél. [162, 163, 297], *T. ustale* (Fr. : Fr.) P. Kumm. [016, 024, 078, 086, 139, 152, 166, 170, 171, 174, 175, 203, 238, 239, 348, 378], *T. ustaloides* Romagn. [070, 132, 168, 174], *T. vaccinum* (Schaeff. : Fr.) P. Kumm. [009, 295], *T. virgatum* (Fr. : Fr.) P. Kumm. [008, 016, 093, 104, 205, 218, 261, 265, 297, 294, 295, 323, 351, 373]

Tricholomopsis decora (Fr. : Fr.) Singer [085], *T. rutilans* (Schaeff. : Fr.) Singer [025, 027, 085, 195, 271, 289, 294, 295, 297, 305, 306, 373, 374]

Tubaria albotipitata D.A. Reid [297, 362], *T. confragosa* (Fr.) Harmaja [100], *T. conspersa* (Pers. : Fr.) Fayod [207, 215, 216, 218, 221, 230], *T. furfuracea* (Pers. : Fr.) Gillet [093, 205, 213, 214, 221, 261, 276, 297, 343, 374], *T. romagnesiana* Arnolds [221, 297]

Tubulicium vermiferum (Bourdot) Oberw. ex Jülich [141a]

Tubulicrinis calothrix (Pat.) Donk [188], *T. cinctus* G. Cunn. [141a], *T. confusus* K.H.

Larss. & Hjortstam [141a], *T. glebulosus* (Fr. : Fr.) Donk [102, 141a, 272], *T. incrassatus* Hallenb. [188], *T. sororius* (Bourdot & Galzin) Oberw. [141a], *T. subulatus* (Bourdot & Galzin) Donk [103], *T. thermotrus* (G. Cunn.) M.P. Christ. [329]

Tulostoma brumale Pers. : Pers. [019, 029, 039, 094, 104, 171, 199, 214, 215, 284, 295, 299, 305, 342, 348, 375], *T. fimbriatum* Fr. [011, 017, 093, 104, 152, 156, 178, 199, 319, 323], *T. pluriosteum* Long & S. Ahmad [307, 342], *T. squamosum* Pers. : Pers. [050, 307], *T. wightii* Berk. [307]

Tylophilus felleus (Bull. : Fr.) P. Karst. [281, 297]

Tyromyces chioneus (Fr. : Fr.) P. Karst. [102, 251, 353], *T. wynnei* (Berk. & Broome) Donk [078, 141a]

Vararia ochroleuca (Bourdot & Galzin) Donk [102, 336]

Vascellum pratense (Pers. : Pers.) Kreisel [019, 025, 038, 039, 070, 073, 084, 085, 093, 180, 193, 195, 197, 259, 267, 268, 352, 358, 362, 373, 374, 375, 382, 390]

Veluticeps abietina (Pers.) Hjortstam & Tellería [141a], *V. berkeleyi* (Berk. & M. A. Curtis) Cooke [190]

Vesiculomyces citrinus (Pers.) E. Hagstr. [188, 272]

Volvariella bombycina (Schaeff. : Fr.) Singer var. *bombycina* [004, 027, 060, 134, 138, 202, 208, 214, 234, 271, 331, 348, 374], *V. bombycina* var. *maxima* Pilát [025, 297], *V. gloiocephala* (DC. : Fr.) Boekhout & Enderle [012, 029, 038, 039, 045, 050, 060, 072, 076, 081, 084, 132, 138, 140, 152, 142, 146, 155, 170, 175, 177, 181, 199, 202, 208, 213, 214, 215, 216, 227, 228, 230, 260, 265, 267, 268, 297, 311, 312, 313, 319, 350, 355, 358, 378, 381, 384], *V. hypopithys* (Fr.) Shaffer [221], *V. media* (Schumach. : Fr.) Singer [065, 093, 297], *V. murinella* (Quél.) M.M. Moser ex Dennis, P.D. Orton & Hora [011, 344, 350], *V. pusilla* (Pers. : Fr.) Singer [221, 259, 358, 375], *V. surrecta* (Knapp) Singer [014], *V. volvacea* (Bull. : Fr.) Singer [060, 342]

Vuilleminia comedens (Nees : Fr.) Maire [102, 272], *V. macrospora* (Bres.) Hjortstam [329], *V. megalospora* Bres. [188]

Xeromphalina campanella (Batsch : Fr.) Kühner & Maire [093, 132, 175, 199, 205, 215, 218, 230, 297, 334, 343, 375], *X. caudicinalis* (Fr.) Kühner & Maire [221, 338, 374]

Xerula caussei Maire [272], *X. hygrophoroides* (Singer & Clémenton) Candusso & Basso [329], *X. melanotricha* Dörfelt [025, 027, 093, 205, 215, 218, 222, 228, 230, 261, 329, 343, 374, 375], *X. pudens* (Pers.) Singer [004, 027, 272, 297, 374], *X. radicata* (Relhan : Fr.) Dörfelt [002, 024, 025, 027, 046, 073, 069, 072, 083, 084, 085, 093, 155, 156, 162, 163, 175, 179, 192, 195, 218, 222, 234, 237, 266, 267, 268, 276, 289, 295, 297, 305, 319, 348, 352, 361, 362, 373, 374, 375]

Xylobolus frustulatus (Pers. : Fr.) Boidin [001, 006, 102, 237, 276, 278, 279, 332, 334]

A list of synonyms

ACETABULA vulgaris Fuckel = *Helvella acetabulum*

AGARICUS aestivalis (F.H. Møller) Pilát = *Agaricus altipes* var. *altipes*; *Agaricus aestivalis* var. *veneris* (R. Heim & G. Becker) Wasser = *Agaricus chionodermus*; *Agaricus albertii* Bon = *Agaricus urinascens*; *Agaricus bitorquis* var. *validus* (F.H. Møller) Bon & Cappelli = *Agaricus bitorquis*; *Agaricus calochrous* Pers. = *Cortinarius calochrous*, *Agaricus campester* L. = *Agaricus campestris*; *Agaricus campestris sensu* Cooke = *Agaricus bisporus*; *Agaricus campestris* var. *hortensis* Cooke = *Agaricus bisporus*; *Agaricus campestris* var. *squamulosus* (Rea) Pilát = *Agaricus campestris*; *Agaricus cappellianus* Hlaváček (1987) [proposed as a nom. nov. based on *A. vaporarius* (Pers.) Cappelli (1984, nom. illegit., ICBN Art. 53.1, a later homonym of *A. vaporarius* Schrank, 1789)] (cfr Parra 2005) = *Agaricus subperonatus*; *Agaricus deyllii* Pilát = *Agaricus depauperatus*; *Agaricus edulis* (Vittad.) Konrad & Maubl. = *Agaricus bitorquis*; *Agaricus essettei* Bon = *Agaricus sylvicola*; *Agaricus excellens* (F.H. Møller) F.H. Møller = *Agaricus urinascens* var. *excellens*; *Agaricus fissuratus* (F.H. Møller) F.H. Møller = *Agaricus arvensis*; *Agaricus haemorrhoidarius* Schulzer = *Agaricus sylvaticus*; *Agaricus hortensis* (Cooke) S. Imai = *Agaricus bisporus*; *Agaricus macrosporus* (Jul. Schäff. & F.H. Møller) Pilát = *Agaricus urinascens*; *Agaricus macrosporus* Mont. = *Panus lecomtei*; *Agaricus maleolens* F.H. Møller = *Agaricus bernardii*; *Agaricus pilatianus* (Bohus) Bohus = *Agaricus iodosmus*; *Agaricus placomyces* var. *meleagris* (Jul. Schäff.) R. Pascual. (nom. inval., cfr. Parra 2005) = *Agaricus moelleri* var. *meleagris*; *Agaricus praeclaresquamosus* A.E. Freemann = *Agaricus moelleri*; *Agaricus pseudovillaticus* Rauschert (1992) [proposed as a nom. nov. based on *A. vaporarius* (Pers.) Cappelli (1984, nom. illegit., ICBN Art. 53.1, a later homonym of *A. vaporarius* Schrank, 1789); nom. superf., ICBN Art. 52.1] (cfr Parra 2005)

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- = *Agaricus subperonatus*; *Agaricus rodmanii* Peck = *Agaricus bitorquis*; *Agaricus romagnesii* Wasser = *Agaricus bresadolanus*; *Agaricus spissicaulis* F.H. Møller = *Agaricus litoralis*; *Agaricus squamulifer* (F.H. Møller) Pilát var. *squamulifer* = *Agaricus benesii*; *Agaricus vaporarius* (Pers.) Cappelli (1984, nom.illegit., ICBN Art. 53.1, a later homonym of *A. vaporarius* Schrank, 1789) = *Agaricus subperonatus*; *Agaricus variegans* F.H. Møller = *Agaricus impudicus*; *Agaricus variicolor* Pers. = *Cortinarius variicolor*; *Agaricus volemus* Fr. = *Lactarius volemus*; *Agaricus xanthodermus* var. *leptotoides* Maire = *Agaricus xanthodermus*; *Agaricus xerampelinus* Schaeff. = *Russula xerampelina*
- AGROCYBE aegerita* (V. Brig.) Singer = *Agrocybe cylindracea*; *Agrocybe dura* (Bolton : Fr.) Singer = *Agrocybe molesta*
- ALEURODISCUS polygonius* (Pers. : Fr.) Höhn. & Litsch. = *Peniophora polygonia*
- AMANITA excelsa* (Fr.) Bertill. = *Amanita spissa*; *Amanita inaurata* Gillet = *Amanita ceciliae*; *Amanita junquillea* Quél. = *Amanita gemmata*; *Amanita muscaria* var. *regalis* (Fr.) Sacc. = *Amanita regalis*; *Amanita phalloides* var. *verna* (Bull. : Fr.) Lanzi = *Amanita verna*; *Amanita umbrinolutea* (Gillet) Bertill. = *Amanita battarrae*
- AMANITOPSIS vaginata* (Bull. : Fr.) Roze = *Amanita vaginata* var. *vaginata*
- AMAUROCHAETE fuliginosa* (Sowerby) T. Macbr. = *Amaurochaete atra*
- ARCYRIA gulielmae* Nann.-Bremek. = *Arcyria minuta*; *Arcyria nutans* (Bull.) Grev. = *Arcyria obvelata*
- ARMILLARIA bulbiger* (Alb. & Schwein. : Fr.) P. Kumm. = *Leucocortinarius bulbiger*; *Armillaria bulbosa* (Barla) Kile & Watling = *Armillaria gallica*; *Armillaria caligata* (Viv.) Gillet = *Tricholoma caligatum*; *Armillaria focalis* (Fr.) P. Karst. = *Tricholoma focale*; *Armillaria haematites sensu auct.* = *Cystoderma superbum*; *Armillaria mucida* (Schrad. : Fr.) Fr. = *Oudemansiella mucida*; *Armillaria obscura sensu auct.* = *Armillaria ostoyae*; *Armillaria polomyces sensu auct.* = *Armillaria ostoyae*; *Armillaria robusta* (Alb. & Schwein. : Fr.) Fr. = *Tricholoma robustum*; *Armillaria tabescens* (Scop.) Emel = *Armillaria socialis*
- ARMILLARIELLA tabescens* (Scop.) Singer = *Armillaria socialis*
- ASTEROSTROMA medium* Bres. = *Asterostroma cervicolor*; *Asterostroma ochroleucum* Bres. ex Torrend = *Asterostroma cervicolor*
- ASTEROSTROMELLA granulosa* (Pers. : Fr.) Bourdot & Galzin = *Dichostereum granulatum*
- AURICULARIA auricula* (Hook. f.) Underw. = *Auricularia auricula-judae*

- BADHAMIA dearnessii* Hagelst. = ***Badhamia goniospora***; *Badhamia utricularis* var. *microsporus* Dulger & Gonuz = ***Badhamia utricularis***
- BARLAEINA persoonii* (H. Crouan & P. Crouan) Sacc. & Traverso = ***Marcelleina persoonii***
- BOLBITIUS lacteus* J.E. Lange = ***Conocybe apala***; *Bolbitius vitellinus* (Pers. : Fr.) Fr. var. *vitellinus* = ***Bolbitius titubans*** var. *titubans*; *Bolbitius vitellinus* var. *variicolor* (G.F. Atk.) Krieglst. = ***Bolbitius titubans*** var. *olivaceus*
- BOLETUS aestivalis* (Paulet) Fr. = ***Boletus reticulatus***; *Boletus bovinus* L. : Fr. = ***Suillus bovinus***; *Boletus carpini* (R. Schulz) A. Pearson = ***Leccinum pseudoscabrum***; *Boletus elegans* Schumch. = ***Suillus grevillei***; *Boletus granulatus* L. : Fr. = ***Suillus granulatus***; *Boletus lanatus* Rostk. = ***Boletus subtomentosus***; *Boletus luteus* L. : Fr. = ***Suillus luteus***; *Boletus pachypus* Fr. = ***Boletus radicans***; *Boletus porphyrosporus* Fr. = ***Porphyrellus porphyrosporus***; *Boletus radicans* Pers. : Fr. = ***Boletus radicans*** Gillet; *Boletus rufus* Schaeff. = ***Leccinum aurantiacum***; *Boletus splendidus* C. Martin = ***Boletus legaliae***; *Boletus variegatus* Sw. : Fr. = ***Suillus variegatus***; *Boletus versicolor* Rostk. = ***Boletus rubellus***
- BOVISTA gigantea* Batsch : Pers. = ***Calvatia gigantea***; *Bovista polymorpha* (Vittad.) Kreisel = ***Bovista aestivalis***
- BUGLOSSOPORUS pulvinus* (Pers.) Donk = ***Piptoporus quercinus***
- BULGARIA polymorpha* Oeder ex Wettst = ***Bulgaria inguinans***
- CALVATIA caelata* (Bull.) Morgan = ***Calvatia utriformis***; *Calvatia maxima* (Schaeff.) Morgan = ***Calvatia gigantea***; *Calvatia saccata* (Vahl) Morgan = ***Calvatia excipuliformis***
- CAMAROPHYLLUS niveus* (Scop.) Wünsche = ***Hygrocybe virginea*** var. *virginea*; *Camarophyllus pratensis* (Schaeff.) P. Kumm. = ***Hygrocybe pratensis***; *Camarophyllus russocoriaceus* (Berk. & T.K. Mill.) J.L. Lange = ***Hygrocybe russocoriaceae***; *Camarophyllus virgineus* (Wulfen : Fr.) P. Kumm. = ***Hygrocybe virginea*** var. *virginea*
- CANTHARELLULA cyathiformis* (Bull. : Fr.) Singer = ***Pseudoclitocybe cyathiformis***
- CANTHARELLUS aurantiacus* (Wulfen : Fr.) Fr. = ***Hygrophoropsis aurantiaca***; *Cantharellus cibarius* var. *amethysteus* (Quél.) Cetto = ***Cantharellus amethysteus***; *Cantharellus cornucopioides* (L. : Fr.) Fr. = ***Craterellus cornucopioides***; *Cantharellus ferruginascens* P.D. Orton = ***Cantharellus cibarius*** var. *ferruginascens*; *Cantharellus infundibuliformis* (Scop.) Fr. = ***Cantharellus tubaeformis***; *Cantharellus lutescens sensu* Fr. (1821) = ***Cantharellus aurora***

CHLOROSPENIUM aeruginosum (Oeder) De Not. = ***Chlorociboria aeruginosa***

CINEROMYCES lindbladii (Berk.) Jülich = ***Diplomitoporus lindbladii***

CLAVARIA abietina Pers. : Fr. = ***Ramaria abietina*** (note: *C. abietina sensu auct.* = *Ramaria eumorpha*); *Clavaria botrytis* Pers. : Fr. = ***Ramaria botrytis***; *Clavaria condensata* Fr. = ***Ramaria stricta***; *Clavaria corniculata* Schaeff. = ***Clavulinopsis corniculata***; *Clavaria cristata* (Holmsk.) Pers. = ***Clavulina coralloides***; *Clavaria fastigiata* L. = ***Clavulinopsis corniculata***; *Clavaria flava* Tourn. ex Schaeff. : Fr. = ***Ramaria flava***; *Clavaria formosa* Pers. : Fr. = ***Ramaria formosa***; *Clavaria pallida* Schaeff. = ***Ramaria pallida***; *Clavaria pistillaris* L. : Fr. = ***Clavariadelphus pistillaris***; *Clavaria pyxidata* Pers. : Fr. = ***Artomyces pyxidatus***; *Clavaria rugosa* Bull. : Fr. = ***Clavulina rugosa***; *Clavaria stricta* Pers. : Fr. = ***Ramaria stricta***; *Clavaria vermicularis* Scop. : Fr. = ***Clavaria fragilis***

CLAVARIADELPHUS fistulosus (Holmsk.) Corner = ***Macrotyphula fistulosa***

CLAVICORONA pyxidata (Pers. : Fr.) Donk = ***Artomyces pyxidatus***

CLAVULINOPSIS cineroides (G.F. Atk.) Corner = ***Clavulinopsis umbrinella***

CLITHRIS quercina (Pers.) Rehm = ***Colpoma quercinum***

CLITOCYBE candida Bres. = ***Leucopaxillus candidus***; *Clitocybe clavipes* (Pers. : Fr.) P. Kumm. = ***Ampulloclitocybe clavipes***; *Clitocybe cyathiformis* (Bull. : Fr.) P. Kumm. = ***Pseudoclitocybe cyathiformis***; *Clitocybe dicolor* (Pers.) J.E. Lange = ***Clitocybe metachroa***; *Clitocybe ectypa* (Fr. : Fr.) Sacc. = ***Armillaria ectypa***; *Clitocybe ericetorum* (Bull.) Fr. = ***Lichenomphalia umbellifera***; *Clitocybe favrei* Kühner & Romagn. ex Bon = ***Clitocybe vibecina***; *Clitocybe flaccida* (Sowerby : Fr.) P. Kumm. = ***Lepista flaccida***; *Clitocybe gigantea* (Sowerby : Fr.) Quél. = ***Leucopaxillus giganteus***; *Clitocybe graminicola* Bon = ***Clitocybe agrestis***; *Clitocybe hydrogramma* (Bull. : Fr.) P. Kumm. = ***Clitocybe phaeophthalma***; *Clitocybe illudens* (Schwein.) Sacc. = ***Omphalotus illudens***; *Clitocybe inversa* (Scop.) Fr. = ***Lepista flaccida***; *Clitocybe laccata* (Scop.) Quél. = ***Laccaria laccata***; *Clitocybe laccata* var. *amethystea* Berk. & Broome = ***Entoloma amethysteum***; *Clitocybe lignatilis* (Pers. : Fr.) P. Karst. = ***Ossicaulis lignatilis***; *Clitocybe mellea* (Vahl) Ricken = ***Armillaria mellea***; *Clitocybe nuda* (Bull. : Fr.) H.E. Bigelow & A.H. Sm. = ***Lepista nuda***; *Clitocybe pelletieri* (Lév.) Gillet = ***Phylloporus pelletieri***; *Clitocybe tabescens* (Scop. : Fr.) Bres. = ***Armillaria socialis***

COLLYBIA acervata (Fr.) P. Kumm. = ***Gymnopus acervatus***; *Collybia butyracea* (Bull. : Fr.) P. Kumm. = ***Rhodocollybia butyracea***; *Collybia butyracea* var. *asema* (Fr. : Fr.) Quél. =

Rhodocollybia butyracea f. *asema*; *Collybia cessans* sensu A.A. Pearson = ***Gamundia striatula***; *Collybia confluens* (Pers. : Fr.) P. Kumm. = ***Gymnopus confluens***; *Collybia confusa* P.D. Orton = ***Tephrocybe confusa***; *Collybia distorta* (Fr.) Quél. = ***Rhodocollybia prolixa*** var. *distorta*; *Collybia dryophila* (Bull. : Fr.) P. Kumm. = ***Gymnopus dryophilus***; *Collybia erythropus* (Pers. : Fr.) P. Kumm. = ***Gymnopus erythropus***; *Collybia exculpta* (Fr.) Gillet = ***Gymnopus ocior***; *Collybia extuberans* (Fr.) Quél. = ***Gymnopus ocior***; *Collybia fuscopurpurea* (Pers. : Fr.) P. Kumm. = ***Gymnopus fuscopurpureus***; *Collybia fusipes* (Bull. : Fr.) Quél. = ***Gymnopus fusipes***; *Collybia grammacephala* (Bull.) Quél. = ***Megacollybia platyphylla***; *Collybia hariolorum* (Bull. : Fr.) Quél. = ***Gymnopus hariolorum***; *Collybia longipes* (Bull.) P. Kumm. = ***Xerula pudens***; *Collybia luteifolia* Gillet = ***Gymnopus ocior***; *Collybia maculata* (Alb. & Schwein. : Fr.) P. Kumm. = ***Rhodocollybia maculata***; *Collybia marasmioides* (Britzelm.) Bresinsky & Stangl = ***Gymnopus erythropus***; *Collybia nivalis* (Luthi & Plomb) M.M. Moser = ***Gymnopus vernus***; *Collybia obscura* J. Favre = ***Gymnopus fuscopurpureus***; *Collybia oreadoides* (Pass.) P.D. Orton = ***Gymnopus oreadoides***; *Collybia palustris* (Peck) A.H. Sm. = ***Tephrocybe palustris***; *Collybia peronata* (Bolton : Fr.) P. Kumm. = ***Gymnopus peronatus***; *Collybia radicata* (Relhan : Fr.) Quél. = ***Xerula radicata***; *Collybia succinea* (Fr.) Quél. = ***Gymnopus ocior***; *Collybia velutipes* (Curtis : Fr.) P. Kumm. = ***Flammulina velutipes***; *Collybia verna* Ryman = ***Gymnopus vernus***

COLTRICIA *spathulata* (Hook.) Murrill = ***Phylloporia spathulata***

COMATRICHA *acanthodes* Alexop. = ***Paradiacheopsis acanthodes***; *Comatricha lurida* Lister = ***Collaria lurida***; *Comatricha pulchella* var. *fusca* (Lister) G. Lister = ***Comatricha pulchella***

CONOCYBE *albipes* Hauskn. = ***Conocybe apala***; *Conocybe appendiculata* J.E. Lange & Kühner ex Watling = ***Conocybe velata***; *Conocybe lactea* (J.E. Lange) Métrod = ***Conocybe apala***; *Conocybe vestita* (Fr.) Kühner = ***Pholiotina vestita***

COPRINUS *angulatus* Peck. = ***Coprinellus angulatus***; *Coprinus atramentarius* (Bull. : Fr.) Fr. = ***Coprinopsis atramentaria***; *Coprinus auricomus* Pat. = ***Parasola auricoma***; *Coprinus cinereus* (Schaeff. : Fr.) Gray = ***Coprinopsis cinerea***; *Coprinus comatus* var. *ovatus* (Schaeff. : Fr.) Quél. = ***Coprinus comatus***; *Coprinus congregatus* (Bull.) Fr. = ***Coprinellus congregatus***; *Coprinus cothurnatus* Godey = ***Coprinopsis cothurnata***; *Coprinus deliquescens* (Bull. : Fr.) Fr. = ***Coprinellus deliquescens***; *Coprinus dilectus* Fr. =

Coprinellus dilectus; *Coprinus disseminatus* (Pers. : Fr.) Gray = ***Coprinellus disseminatus***; *Coprinus domesticus* (Bolton : Fr.) Gray = ***Coprinellus domesticus***; *Coprinus ephemerus* (Bull. : Fr.) Fr. = ***Coprinellus ephemerus***; *Coprinus episcopalis* P.D. Orton = ***Coprinopsis episcopalis***; *Coprinus extincorius* (Bull.) Fr. = ***Coprinopsis extincoria***; *Coprinus flocculosus* (DC. : Fr.) Fr. = ***Coprinellus flocculosus***; *Coprinus friesii* Quél. = ***Coprinopsis friesii***; *Coprinus galericuliformis* Losa ex Watling = ***Parasola galericuliformis***; *Coprinus heterothrix* Kühner = ***Coprinellus heterothrix***; *Coprinus impatiens* (Fr. : Fr.) Quél. = ***Coprinellus impatiens***; *Coprinus kuehneri* Uljé & Bas = ***Parasola kuehneri***; *Coprinus lagopides* P. Karst. = ***Coprinopsis lagopides***; *Coprinus lagopus* (Fr. : Fr.) Fr. = ***Coprinopsis lagopus***; *Coprinus leiocephalus* P.D. Orton = ***Parasola leiocephala***; *Coprinus macrocephalus* (Berk.) Berk. = ***Coprinopsis macrocephala***; *Coprinus micaceus* (Bull. : Fr.) Fr. = ***Coprinellus micaceus***; *Coprinus niveus* (Pers. : Fr.) Fr. = ***Coprinopsis nivea***; *Coprinus ovatus* (Schaeff. : Fr.) Fr. = ***Coprinus comatus***; *Coprinus picaceus* (Bull. : Fr.) Gray = ***Coprinopsis picacea***; *Coprinus plicatilis* (Curtis : Fr.) Fr. = ***Parasola plicatilis***; *Coprinus radians* (Desm.) Fr. = ***Coprinellus radians***; *Coprinus radiatus* (Bolton : Fr.) Pers. = ***Coprinopsis radiata***; *Coprinus radicans* Romagn. = ***Coprinopsis radicans***; *Coprinus romagnesianus* Singer = ***Coprinopsis romagnesiana***; *Coprinus stanglianus* Enderle, Bender & Gröger = ***Coprinopsis stangliana***; *Coprinus truncorum* (Scop.) Fr. = ***Coprinellus truncorum***; *Coprinus xanthothrix* Romagn. = ***Coprinellus xanthothrix***

COPRINUSELLA silvatica (Peck) Zerov = ***Coprinus silvaticus***

CORIOLELLUS albidus (Fr. : Fr.) Bondartsev = ***Antrodia albida***

CORIOLUS abietinus (Dicks.) Quél. = ***Trichaptum abietinum***; *Coriolus fibula* (Fr.) Quél. = ***Trametes hirsuta*** f. *fibula*; *Coriolus hirsutus* (Wulfen : Fr.) Quél. = ***Trametes hirsuta***; *Coriolus pargamenus* (Fr.) G. Cunn. = ***Trichaptum biforme***; *Coriolus pubescens* (Schumach. : Fr.) Quél. = ***Trametes pubescens***; *Coriolus unicolor* (Bull. : Fr.) Pat. = ***Cerrrena unicolor***; *Coriolus versicolor* (L. : Fr.) Quél. = ***Trametes versicolor***; *Coriolus zonatus* (Nees) Quél. = ***Trametes ochracea***

CORTICIUM byssinum (P. Karst.) Sacc. = ***Piloderma byssinum***; *Corticium caeruleum* (Schrad.) Fr. = ***Pulcherricum caeruleum***; *Corticium cebennense* Bourdot = ***Amylocorticium cebennense***; *Corticium confluens* (Fr. : Fr.) Fr. = ***Radulomyces confluens***; *Corticium fusisporum* Cooke & Ellis = ***Coniophora fusispora***; *Corticium laeve* Pers. : Fr. =

Cylindrobasidium laeve; *Corticium macrosporopsis* Jülich = *Vuilleminia macrospora*;
Corticium subcoronatum Höhn. & Litsch. = *Botryobasidium subcoronatum*; *Corticium*
submutabile Höhn. & Litsch. = *Trechispora farinacea*

CORTINARIUS anserinus sensu auct. = *Cortinarius amoenolens*; *Cortinarius aureoturbinatus*
(M.M. Moser) J.E. Lange = *Cortinarius elegantissimus*; *Cortinarius caroviolaceus* P.D.
Orton = *Cortinarius aleuriosmus*; *Cortinarius cinnamomeobadius* (Rob. Henry) M.M.
Moser = *Cortinarius sommerfeltii*; *Cortinarius crocolitus* Quél. = *Cortinarius*
triumphans; *Cortinarius fasciatus sensu* J.E. Lange = *Cortinarius fulvescens*; *Cortinarius*
malachoides P.D. Orton = *Cortinarius malachus*; *Cortinarius pseudosulphureus* Rob.
Henry ex P.D. Orton = *Cortinarius citrinus*; *Cortinarius subturbinatus* Rob. Henry ex
P.D. Orton = *Cortinarius saporatus*; *Cortinarius subvalidus* Rob. Henry = *Cortinarius*
saginus; *Cortinarius vitellinus* M.M. Moser = *Cortinarius splendens* subsp. *meinhardii*

CRATERELLUS cinereus (Pers. : Fr.) Quél. = *Cantharellus cinereus*

CREOLOPHUS cirrhatus (Pers. : Fr.) P. Karst. = *Hericium cirrhatum*

CREPIDOTUS amygdalosporus Kühner = *Crepidotus lundellii*; *Crepidotus pubescens sensu*
Kühner & Romagnesi = *Crepidotus epibryus*; *Crepidotus sphaerosporus* (Pat.) J.E. Lange
= *Crepidotus cesatii*; *Crepidotus subtilis* P.D. Orton. = *Crepidotus lundellii*

CRIBRARIA cancellata var. *fusca* = *Cribraria cancellata*

CRINIPELLIS stipitaria (Fr. : Fr.) Pat. = *Crinipellis scabella*

CRUCIBULUM vulgare Tul. & C. Tul. = *Crucibulum leave*

CUPHOPHYLLUS subradiatus (Schumach.) Bon = *Hygrocybe virginea* var. *virginea*;
Cuphophyllus virgineus (Wulfen : Fr.) Kovalenko = *Hygrocybe virginea* var. *virginea*

CYATHIPODIA villosa (Hedw.) Boud. = *Helvella dissingii*

CYATHUS hirsutus (Schaeff.) Sacc. = *Cyathus striatus*; *Cyathus vernicosus* (Bull.) DC. =
Cyathus olla

CYLINDROBASIDIUM evolvens (Fr. : Fr.) Jülich = *Cylindrobasidium leave*

CYPHELLA albocarnea Quél. = *Calathella eruciformis*; *Cyphella erucaeformis* (Batsch) Fr. =
Calathella eruciformis

CYPHELLOPSIS anomala (Pers. : Fr.) Donk = *Merismodes anomala*

CYSTODERMA terreyi (Berk. & Broome) Harmaja = *Cystoderma cinnabarinum*

CYSTOLEPIOTA aspera (Pers.) Bon = *Lepiota aspera*

DAEDALEA berkeleyi Sacc. = *Gloeophyllum berkeleyi*; *Daedalea confragosa* (Bolton : Fr.)

- Pers. = *Daedaleopsis confragosa*; *Daedalea juniperina* (Murrill) Murrill = *Antrodia juniperina*; *Daedalea unicolor* (Bull. : Fr.) Fr. = *Cerrena unicolor*
- DASYSCYPHUS cerinus* (Pers.) Fuckel = *Lachnum cerinum*; *Dasyscyphus niveus* (R. Hedw.) Sacc. = *Dasyscyphella nivea*
- DENDROPOLYPORUS umbellatus* (Pers.) Jülich = *Polyporus umbellatus*
- DENDROTHELE macrospora* (Bres.) P.A. Lemke = *Vuilleminia macrospora*
- DERMOCYBE carpineti* M.M. Moser (*nom. inval.*) = *Cortinarius olivaceofuscus*; *Dermocybe cinnamomea* (L. : Fr.) M.M. Moser = *Cortinarius cinnamomeus*; *Dermocybe crocea* (Schaeff.) M.M. Moser = *Cortinarius croceus*; *Dermocybe semisanguinea* (Fr. : Fr.) M.M. Moser = *Cortinarius semisanguineus*
- DICTYDIUM* Schrad. = *Cribraria* Pers.
- DISCINA gigas* (Krombh.) Eckblad = *Gyromitra gigas*; *Discina perlata* (Fr. : Fr.) Fr. = *Discina ancilis*
- ECCILIA lanica* (Romagn.) anon. = *Entoloma lanicum*; *Eccilia rhodocalyx* (Lasch : Fr.) Sacc. = *Entoloma rhodocalyx*
- ENDOPTYCHUM agaricoides* Czern. = *Chlorophyllum agaricoides*
- ENTERIDIUM liceoides* (Lister) G. Lister = *Reticularia liceoides*; *Enteridium splendens* (Morgan) T. Macbr. = *Reticularia splendens*; *Enteridium splendens* var. *juratum* (Meyl.) Härk. = *Reticularia jurana*
- ENTOLOMA lividum* (Bull.) Quél. = *Entoloma sinuatum*; *Entoloma nidorosum* (Fr.) Quél. = *Entoloma rhodopolium* var. *nidorosum*; *Entoloma sericeonitidum* (P.D. Orton) Arnolds = *Entoloma undatum*
- EXIDIA truncata* Fr. : Fr. = *Exidia glandulosa*
- FAMINTZINIA fruticulosa* (O.F. Müll.) Lado = *Ceratiomyxa fruticulosa*
- FAVOLUS rhipidium* (Berk.) Sacc. = *Panellus pusillus*
- FAYODIA leucophylla* (Gillet) M. Lange & Sivertsen = *Gamundia leucophylla*
- FIBROPORIA vaillantii* (DC. : Fr.) Parmasto = *Antrodia vaillantii*
- FLAMMULA hybrida sensu* Fr. = *Gymnopilus penetrans*; *Flammula liquiritiae* (Pers.) P. Kumm. = *Gymnopilus liquiritiae*; *Flammula penetrans* (Fr.) Quél. = *Gymnopilus penetrans*; *Flammula sapinea* (Fr.) Pat. = *Gymnopilus sapineus*; *Flammula spumosa* (Fr.) P. Kumm. = *Pholiota spumosa*
- FOMES annosus* (Fr. : Fr.) Cooke = *Heterobasidion annosum*; *Fomes applanatus* (Pers.)

- Wallr. = *Ganoderma applanatum*; *Fomes hartigii* (Allesch. & Schnabl) Bres. = *Phellinus hartigii*; *Fomes igniarius* (L. : Fr.) Cooke = *Phellinus igniarius*; *Fomes juniperinus* (H. Schrenk) Sacc. & P. Syd. = *Pyrofomes demidoffii*; *Fomes officinalis* (Vill.) Bres. = *Laricifomes officinalis*; *Fomes pini* (Brot. : Fr.) P. Karst. = *Phellinus pini*; *Fomes pinicola* (Sw. : Fr.) Fr. = *Fomitopsis pinicola*; *Fomes pomaceus* (Pers.) Lloyd = *Phellinus pomaceus*; *Fomes roseus* (Alb. & Schwein. : Fr.) Fr. = *Fomitopsis rosea*; *Fomes scutellatus* (Schwein.) Sacc. = *Datronia scutellata*; *Fomes tenuis* P. Karst. = *Phellinus viticola*; *Fomes torulosus* (Pers. : Fr.) Lloyd = *Phellinus torulosus*; *Fomes ulmarius* Fr. = *Rigidoporus ulmarius*
- FOMITOPSIS cytisina* (Berk.) Bondartsev & Singer = *Perenniporia fraxinea*
- FULIGO candida* Pers. = *Fuligo septica*
- FUNALIA extenuata* (Durieu & Mont.) Domański = *Corioloopsis gallica*; *Funalia trogii* (Berk.) Bondartsev & Singer = *Corioloopsis trogii*
- GALERA antipoda* (Lasch) Quél. = *Conocybe antipus*
- GALERINA mutabilis* (Schaeff. : Fr.) P.D. Orton = *Kuehneromyces mutabilis*; *Galerina unicolor* (Vahl : Fr.) Singer = *Galerina marginata*
- GAMUNDIA pseudochusilis* (Joss. & Konrad) Raithelh. = *Gamundia striatula*
- GASTROCYBE lateritia* Watling = *Galeropsis lateritia*
- GEASTRUM badium* Pers. = *Geastrum elegans*; *Geastrum nanum* Pers. = *Geastrum schmidelii*; *Geastrum sessile* (Sowerby) Pouzar = *Geastrum fimbriatum*; *Geastrum vulgatum* Vittad. = *Geastrum rufescens*
- GEOPETALUM carbonarium* (Alb. & Schwein. : Fr.) Pat. = *Faerberia carbonaria*
- GERRONEMA ericetorum* (Fr. : Fr.) Singer = *Lichenomphalia umbellifera*
- GLOEOCYSTIDIELLUM karstenii* (Bourdot & Galzin) Donk = *Conferticium karstenii*; *Gloeocystidiellum lactescens* (Berk.) Boidin = *Gloiothele lactescens*; *Gloeocystidiellum leucoxanthum* (Bres.) Boidin = *Megalocystidium leucoxanthum*; *Gloeocystidiellum luridum* (Bres.) Boidin = *Megalocystidium luridum*
- GLOEOCYSTIDIUM alutaceum* (Schrad.) Bourdot & Galzin = *Vesiculomyces citrinus*; *Gloeocystidium ochraceum* (Fr. : Fr.) Höhn. & Litsch. = *Conferticium ochraceum*
- GLOEOPHYLLUM striatum* (Sw. : Fr.) Murrill = *Gloeophyllum trabeum*
- GLOEOPORUS pannocinctus* (Romell) J. Erikss. = *Ceriporiopsis pannocincta*
- GOMPHIDIUS gracilis* Berk. = *Gomphidius maculatus*; *Gomphidius helveticus* Singer =

Chroogomphus helveticus; *Gomphidius rutilus* (Schaeff. : Fr.) S. Lundell =
Chroogomphus rutilus

GRANDINIA barba-jovis (Bull. : Fr.) Jülich = ***Hyphodontia barba-jovis***; *Grandinia breviseta*
(P. Karst.) Jülich = ***Hyphodontia breviseta***; *Grandinia brinkmanni* (Bres.) Bourdot &
Galzin = ***Sistotrema brinkmanni***; *Grandinia granulosa* (Pers. : Fr.) P. Karst =
Dichostereum granulatum; *Grandinia helvetica* (Pers.) Fr. = ***Cristinia helvetica***;
Grandinia mutabilis subsp. *granulosa* (Pers. : Fr.) Bourdot & Galzin = ***Dichostereum***
granulosum

GRIFOLA umbellata (Pers.) Pilát = ***Polyporus umbellatus***

GYMNOPILOTUS hybridus sensu auct. = ***Gymnopilus penetrans***; *Gymnopilus spectabilis sensu*
A.H. Smith (1949), *sensu auct.* = ***Gymnopilus junonius***

GYROPHANA pinastri (Fr. : Fr.) Bourdot & Galzin = ***Leucogyrophana pinastri***

HANDKEA excipuliformis (Scop. : Pers.) Kreisel = ***Calvatia excipuliformis***; *Handkea*
utriformis (Bull. : Pers.) Kreisel = ***Calvatia utriformis***

HAPALOPILUS rutilans (Pers. : Fr.) P. Karst. = ***Hapalopilus nidulans***

HEBELOMA edurum Métrod ex Bon = ***Hebeloma laterinum***; *Hebeloma hiemale sensu auct.* =
Hebeloma fragilipes; *Hebeloma pumilum* J.E. Lange = ***Hebeloma birrus***; *Hebeloma*
senescens (Batsch) Berk. & Broome = ***Hebeloma laterinum***; *Hebeloma sinapizans sensu*
J. Lange = ***Hebeloma laterinum***; *Hebeloma strophosum* (Fr.) Sacc. = ***Hebeloma***
mesophaeum; *Hebeloma subsaponaceum* P. Karst. = ***Hebeloma syrjense***; *Hebeloma*
velutipes Bruchet = ***Hebeloma leucosarx***

HELVELLA infula Schaeff. = ***Gyromitra infula***

HEMITRICHIA karstenii (Rostaf.) Lister = ***Trichia contorta***

HERICIUM ramosum (Bull.) Letell. = ***Hericium coralloides***

HETEROPORUS biennis (Bull. : Fr.) Lázaro Ibiza = ***Abortiporus biennis***

HIRNEOLA auricula-judae (Bull. : Fr.) Berk. = ***Auricularia auricula-judae***

HIRSCHIOPORUS pergamenus (Fr.) Bondartsev & Singer [as “pargamenus”] = ***Trichaptum***
biforme

HOHENBUEHELIA geogenia (DC. : Fr.) Singer = ***Hohenbuehelia petaloides***; *Hohenbuehelia*
rickenii (Kühner) P.D. Orton = ***Hohenbuehelia tremula***

HYDNANGIUM nudum Hazsl. = ***Leucogaster nudus***

HYDNOPLYPORUS fimbriatus (Fr. : Fr.) D.A. Reid = ***Porotheleum fimbriatum***

HYDNUM cirrhatum Pers. : Fr. = ***Hericium cirrhatum***; *Hydnum coralloides* Scop. = ***Hericium coralloides***; *Hydnum cyathiforme* Schaeff. = ***Phellodon tomentosus***; *Hydnum diversidens* Fr. = ***Hericium cirrhatum***; *Hydnum fragile* Fr. : Fr. = ***Dentipellis fragilis***; *Hydnum imbricatum* L. : Fr. = ***Sarcodon imbricatus***; *Hydnum laevigatum* Sw. = ***Sarcodon leucopus***; *Hydnum repandum* var. *rufescens* (Pers. : Fr.) Barla = ***Hydnum rufescens***; *Hydnum squamosum* Schaeff. = ***Sarcodon squamosus***; *Hydnum velutinum* Fr. : Fr. = *Hydnellum velutinum* (see the list of excluded records)

HYGROCYBE acutoconica (Clem.) Singer = ***Hygrocybe persistens*** var. ***persistens***; *Hygrocybe conica* var. *chloroides* (Malençon) Bon = ***Hygrocybe conica*** var. ***conica***; *Hygrocybe flavescens sensu auct. europ.* = ***Hygrocybe chlorophana***; *Hygrocybe konradii* R. Haller Aar. = ***Hygrocybe persistens*** var. ***konradii***; *Hygrocybe langei* Kühner = ***Hygrocybe persistens*** var. ***persistens***; *Hygrocybe nivea* (Scop. : Fr.) P.D. Orton & Watling = ***Hygrocybe virginea*** var. ***virginea***; *Hygrocybe perplexa* (A.H. Sm. & Hesler) Arnolds = ***Hygrocybe psittacina*** var. ***perplexa***; *Hygrocybe sciophana* (Fr.) Wünsche = ***Hygrocybe psittacina*** var. ***perplexa***; *Hygrocybe subglobispora* (P.D. Orton) M.M. Moser = ***Hygrocybe persistens*** var. ***konradii***

HYGROPHORUS aureus Arrh. = ***Hygrophorus hypothejus***; *Hygrophorus conicus* (Scop.) Fr. = ***Hygrocybe conica*** var. ***conica***; *Hygrophorus croceus* (Bull.) P. Karst. = ***Hygrocybe persistens***; *Hygrophorus virgineus* Wulfen = ***Hygrocybe virginea*** var. ***virginea***

HYMENOCHAETE fuliginosum (Pers.) Bres. = ***Hymenochaete fuliginosa***; *Hymenochaete mougeotii* (Fr. : Fr.) Cooke = ***Hymenochaete cruenta***

HYMENOSCYPHUS epiphyllus (Pers.) Rehm ex Kauffman = ***Phaeohelotium epiphyllum*** var. ***epiphyllum***

HYPHODERMA radula (Fr. : Fr.) Donk. = ***Basidioradulum radula***; *Hyphoderma subdefinitum* J. Erikss. & Å. Strid = ***Hyphoderma occidentale***

HYPHODERMOPSIS polonensis (Bres.) Jülich = ***Gyrophanopsis polonensis***

HYPHODONTIA verruculosa J. Erikss. & Hjortstam = ***Hyphodontia rimosissima***

HYPHOLOMA sublateritium (Schaeff.) Quél. = ***Hypholoma lateritium***

HYPPOCHNUS fusisporus J. Schröt. = ***Thanatephorus fusisporus***

HYPORHAMMA calyculatum (Speg.) Lado = ***Hemitrichia calyculata***; *Hyporhamma clavatum* (Pers.) Lado = ***Hemitrichia clavata***

HYPONYLON coccineum Bull. : Fr. = ***Hypoxylon fragiforme***; *Hypoxylon multiforme* (Fr. : Fr.)

Fr. = *Annulohypoxyton multiforme*; *Hypoxyton nummularium* Bull. : Fr. = *Biscogniauxia nummulara*

INCRUSTOPORIA nivea (Jungh.) Ryvarden = *Skeletocutis nivea*

INOCYBE atripes G.F. Atk = *Inocybe tenebrosa*; *Inocybe boltonii* R. Heim = *Inocybe curvipes*; *Inocybe fastigiata* (Schaeff. : Fr.) Quéf. = *Inocybe rimosa*; *Inocybe fibrosa* var. *trivialis* J.E. Lange = *Inocybe duriuscula*; *Inocybe friesii* R. Heim = *Inocybe nitidiuscula*; *Inocybe geophylla* var. *violacea* (Pat.) Sacc. = *Inocybe geophylla* var. *lilacina*; *Inocybe jurana* (Pat.) Sacc. = *Inocybe adaequata*; *Inocybe lanuginella* (J. Schröt.) Konrad & Maubl. = *Inocybe curvipes*; *Inocybe leiocephala* D.E. Stuntz = *Inocybe catalaunica*; *Inocybe obscuroides* P.D. Orton = *Inocybe cincinnata*; *Inocybe orbata* Malençon = *Inocybe rimosa*; *Inocybe patouillardii* Bres. = *Inocybe erubescens*; *Inocybe perlata* (Cooke) Sacc. = *Inocybe rimosa*; *Inocybe pudica* Kühner = *Inocybe whitei*; *Inocybe umbrina* Bres. = *Inocybe assimilata*

INONOTUS dryadeus (Pers. : Fr.) Murrill = *Pseudoinonotus dryadeus*

ISCHNODERMA trogii (Fr.) Teixeira = *Podofomes trogii*

ITHYPHALLUS impudicus (L. : Pers.) Fr. = *Phallus impudicus*

KNEIFFIELLA abieticola (Bourdot & Galzin) Jülich & Stalpers = *Hyphodontia abieticola*

KROMBHOLZIA pseudoscabra (Kallenb.) Šutara = *Leccinum pseudoscabrum*

LACCARIA altaica Singer = *Laccaria pumila*; *Laccaria amethystea* (Bull.) Murrill = *Laccaria amethystina*

LACHNEA miniata (Fuckel) Sacc. = *Melastiza cornubiensis*

LACHNOBOLUS ater (Alb. & Schwein.) Lado = *Amaurochaete atra*

LACHNUM niveum (Hedw.) P. Karst. = *Dasyscyphella nivea*

LACRYMARIA lacrymabunda var. *velutina* (Pers. : Fr.) J.E. Lange = *Lacrymaria lacrymabunda*; *Lacrymaria velutina* (Pers. : Fr.) Konrad & Maubl. = *Lacrymaria lacrymabunda*

LACTARIUS aurantiofulvus J. Blum ex Bon = *Lactarius aurantiacus*; *Lactarius bresadolanus* Singer (*nom. nud.*) = *Lactarius zonarioides*; *Lactarius britannicus* D.A. Reid = *Lactarius fulvissimus*; *Lactarius fuscus* Rolland = *Lactarius mammosus*; *Lactarius ichoratus* (Batsch) Fr. = *Lactarius volemus* but *L. ichoratus sensu auct.* = *L. fulvissimus*; *Lactarius mitissimus* (Fr.) Fr. = *Lactarius aurantiacus*; *Lactarius subsericatus* Kühner & Romagn. ex Bon = *Lactarius fulvissimus*; *Lactarius vellereus* var. *bertillonii* (Z. Schaeff.) Bon =

- Lactarius bertillonii*; *Lactarius vellereus* var. *velutinus* (Bertill.) Bataille = *Lactarius vellereus* var. *vellereus*; *Lactarius vinosus* Quél. = *Lactarius sanguifluus* var. *violaceus*
- LAETICORTICIUM roseum* (Pers. : Fr.) Donk = *Corticium roseum*
- LANGERMANNIA gigantea* (Batsch : Pers.) Rostk. = *Calvatia gigantea*
- LECCINUM carpini* (R. Schulz) M.M. Moser ex D.A. Reid = *Leccinum pseudoscabrum*; *Leccinum nigrescens* (Richon & Roze) Singer = *Leccinum crocipodium*
- LENTARIA delicata* (Fr. : Fr.) Corner = *Lentaria afflata*
- LENTINUS adhaerens* (Alb. & Schwein. : Fr.) Fr. = *Neolentinus adhaerens*; *Lentinus castoreus* Fr. = *Lentinellus castoreus*; *Lentinus cochleatus* (Pers. ex Hoffm. : Fr.) Fr. = *Lentinellus cochleatus*; *Lentinus cyathiformis* (Schaeff. : Fr.) Bres. = *Neolentinus schaefferi*; *Lentinus degener* Kalchbr. = *Neolentinus schaefferi*; *Lentinus edodes* (Berk.) Singer = *Lentinula edodes*; *Lentinus lepideus* (Fr. : Fr.) Fr. = *Neolentinus lepideus*; *Lentinus squamosus* (Schaeff.) Quél. = *Neolentinus lepideus*; *Lentinus strigosus* (Schwein. : Fr.) Fr. = *Panus lecomtei*; *Lentinus torulosus* (Pers. : Fr.) Lloyd = *Panus conchatus*; *Lentinus vulpinus* (Sowerby : Fr.) Fr. = *Lentinellus vulpinus*
- LENZITES abietina* (Bull. : Fr.) Fr. = *Gloeophyllum abietinum*; *Lenzites abietinella* (Murrill) Sacc. & Trotter = *Gloeophyllum abietinum*; *Lenzites sepiaria* (Wulfen : Fr.) Fr. = *Gloeophyllum sepiarium*; *Lenzites striata* (Sw.) Fr. = *Gloeophyllum trabeum*; *Lenzites trabea* (Pers. : Fr.) Fr. = *Gloeophyllum trabeum*
- LEPIOTA acutesquamosa* = *Lepiota aspera*; *Lepiota adulterina* F.H. Møller = *Cystolepiota adulterina*; *Lepiota alba* (Bres.) Sacc. = *Lepiota erminea*; *Lepiota badhamii* (Berk. & Broome) Quél = *Leucoagaricus badhamii*; *Lepiota boudieri* Guéq. = *Leucocoprinus straminellus*; *Lepiota cygnea* J.E. Lange = *Leucocoprinus cygneus*; *Lepiota excoriata* (Schaeff. : Fr.) P. Kumm. = *Macrolepiota excoriata*; *Lepiota fulvella* Rea = *Lepiota boudieri*; *Lepiota heimii* (Locq. ex Bon) Contu = *Macrolepiota excoriata*; *Lepiota holosericea* (Fr.) Gillet = *Leucoagaricus leucothites*; *Lepiota jubilaei* Joss. = *Leucoagaricus jubilaei*; *Lepiota konradii* Huijsman ex P.D. Orton = *Macrolepiota konradii*; *Lepiota kuehneriana* Locq. = *Lepiota subgracilis*; *Lepiota littoralis* Menier = *Leucoagaricus littoralis*; *Lepiota littoralis* Quél. = *Lepiota queletii*; *Lepiota mastoidea* (Fr. : Fr.) P. Kumm. = *Macrolepiota mastoidea*; *Lepiota naucina* (Fr.) P. Kumm. = *Leucoagaricus leucothites*; *Lepiota procera* (Scop. : Fr.) Gray = *Macrolepiota procera*; *Lepiota procera* var. *rachodes* Vittad. = *Chlorophyllum rachodes*; *Lepiota seminuda*

- (Lasch.) P. Kumm. = *Cystolepiota seminuda*; *Lepiota ventriosospora* D.A. Reid = *Lepiota magnispora*
- LEPISTA gilva* (Pers. : Fr.) Pat. = *Lepista flaccida*; *Lepista inversa* (Scop. : Fr.) Pat. = *Lepista flaccida*; *Lepista nebularis* (Fr.) Harmaja = *Clitocybe nebularis*
- LEPTOGLOSSUM retirugum* (Bull.) Ricken = *Arrhenia retiruga*
- LEPTOPODIA atra* (J. Koenig) Boud. = *Helvella atra*; *Leptopodia elastica* (Bull. : Fr.) Bould. = *Helvella elastica*
- LEPTOPORUS adustus* (Willd. : Fr.) Quél. = *Bjerkandera adusta*; *Leptoporus amorphus* (Fr.) Quél. = *Skeletocutis amorpha*; *Leptoporus bourdotii* Pilát = *Ceriporiopsis pannocincta*; *Leptoporus caesius* (Schrad.) Quél. = *Postia caesia*; *Leptoporus floriformis* (Quél.) Bourdot & Galzin = *Postia floriformis*; *Leptoporus resupinatus* Bourdot & Galzin ex Pilát = *Antrodia gossypium*
- LEUCOAGARICUS badhamii* (Berk. & Broome) Singer = *Leucocoprinus badhamii*; *Leucoagaricus bresadolae* (Schulzer) Bon & Boiffard = *Leucoagaricus americanus*; *Leucoagaricus macrorhizus* Locq. ex E. Horak = *Leucoagaricus barssii*; *Leucoagaricus pudicus* (Bull.) Bon = *Leucoagaricus leucothites*
- LEUCOPAXILLUS cerealis sensu auct. recent. (non sensu Lasch)* = *Leucopaxillus albissimus*
- LEUCOPORUS arcularius* (Batsch) Quél. = *Polyporus arcularius*
- LIMACELLA glioderma* (Fr.) Maire = *Limacella delicata* var. *glioderma*
- LOWEOMYCES wynnei* (Berk. & Broome) Jülich = *Tyromyces wynnei*
- LYCOGALA terrestre* Fr. = *Lycogala epidendrum*
- LYCOPERDON caelatum* Bull. = *Calvatia utriformis*; *Lycoperdon foetidum* Bonord. = *Lycoperdon nigrescens*; *Lycoperdon furfuraceum* Schaeff. = *Bovista aestivalis*; *Lycoperdon gemmatum* Batsch = *Lycoperdon perlatum*; *Lycoperdon giganteum* Batsch = *Calvatia gigantea*; *Lycoperdon molle* var. *atropurpureum* (Vittad.) F. Šmarda = *Lycoperdon atropurpureum*; *Lycoperdon pratense* Pers. = *Vascellum pratense*; *Lycoperdon rubroflavum* Cragin = *Calvatia rubroflava*; *Lycoperdon saccatum* Vahl = *Calvatia excipuliformis*; *Lycoperdon utriforme* Bull. = *Calvatia utriformis*
- LYOMYCES sambuci* (Pers. : Fr.) P. Karst. = *Hyphodontia sambuci*
- LYOPHYLLUM ambustum* (Fr.) Singer = *Tephroclybe ambusta*; *Lyophyllum fumatofoetens* Jul. Schäff. = *Lyophyllum leucophaeatum*; *Lyophyllum ulmarium* (Bull. : Fr.) Kühner = *Hypsizygus ulmarius*

MACROLEPIOTA gracilentata (Krombh.) Wasser = ***Macrolepiota mastoidea***; *Macrolepiota heimii* Locq. ex Bon = ***Macrolepiota excoriata***; *Macrolepiota puellaris* (Fr.) M.M. Moser = ***Leucoagaricus nympharum***; *Macrolepiota rhacodes* (Vittad.) Singer = ***Chlorophyllum rachodes***; *Macrolepiota rhacodes* var. *bohémica* (Wichanský) Bellù & Lanzoni = ***Chlorophyllum brunneum***; *Macrolepiota rhacodes* var. *hortensis* Pilát = ***Chlorophyllum brunneum***

MARASMIUS androsaceus (L. : Fr.) Fr. = ***Setulipes androsaceus***; *Marasmius candidus* (Bolton) Fr. = ***Marasmiellus candidus***; *Marasmius caryophylleus* (Schaeff.) J. Schröt. = ***Marasmius oreades***; *Marasmius chordalis* Fr. = ***Marasmius undatus***; *Marasmius globularis* var. *carpathicus* (Kalchbr.) Costantin & L.M. Dufour = ***Marasmius wynnei***; *Marasmius perforans* (Hoffm. : Fr.) Fr. = ***Marasmiellus perforans***; *Marasmius prasio-smus sensu auct.* = ***Marasmius quercus***; *Marasmius ramealis* (Bull. : Fr.) Fr. = ***Marasmiellus ramealis***; *Marasmius splachnoides* (Hornem.) Fr. = ***Setulipes quercophilus***

MEGALOCYSTIDIUM lactescens (Berk.) Jülich = ***Gloiothele lactescens***

MELANOLEUCA cinerascens D.A. Reid = ***Melanoleuca excissa*** var. *excissa*; *Melanoleuca vulgaris* (Pat.) Pat. = ***Melanoleuca melaleuca***

MERULIOPSIS taxicola (Pers. : Fr.) Bondartsev & Singer = ***Gloeoporus taxicola***

MERULIUS tremellosus Schrad. : Fr. = ***Phlebia tremellosa***

MICROMPHALE brassicolens (Romagn.) P.D. Orton = ***Gymnopus brassicolens***; *Micromphale foetidum* (Sowerby : Fr.) Singer = ***Marasmiellus foetidus***; *Micromphale perforans* (Hoffm. : Fr.) Gray = ***Marasmiellus perforans***

MONTAGNEA candollei (Fr.) Fr. = ***Montagnea arenaria***

MORCHELLA conica Pers. = ***Morchella vulgaris***; *Morchella conica* var. *costata* Vent. = ***Morchella costata***; *Morchella conica* var. *deliciosa* (Fr.) Cetto = ***Morchella deliciosa***; *Morchella conica* var. *distans* Fr. = ***Morchella distans***; *Morchella conica* var. *intermedia* Boud. = ***Morchella intermedia***; *Morchella esculenta* var. *costata* Vent. = ***Morchella costata***; *Morchella esculenta* var. *crassipes* (Vent. : Fr.) Kreisel = ***Morchella crassipes***; *Morchella esculenta* var. *rotunda* Fr. = ***Morchella esculenta***; *Morchella esculenta* var. *vulgaris* Pers. = ***Morchella vulgaris***; *Morchella rimosipes* DC. = ***Mitrophora semilibera***; *Morchella rotunda* (Fr.) Boud. = ***Morchella esculenta***; *Morchella rotunda* var. *rigida* (Krombh.) Jacquet. = ***Morchella esculenta*** var. *rigida*

MULTICLAVULA delicata (Fr. : Fr.) R.H. Petersen = ***Lentaria afflata***

MYCENA chlorinella (J.E. Lange) Singer = *Mycena leptcephala*; *Mycena epipterygia* var. *splendidipes* Peck. = *Mycena epipterygia* var. *epipterygia*; *Mycena fibula* (Bull. : Fr.) Kühner = *Rickenella fibula*; *Mycena galericulata* var. *calopus* (Fr.) P. Karst. = *Mycena inclinata*; *Mycena galopus* var. *nigra* Rea = *Mycena leucogala*; *Mycena integrella* (Pers.) Gray = *Delicatula integrella*; *Mycena pelliculosa* (Fr.) Quél. = *Mycena epipterygia* var. *pelliculosa*; *Mycena phyllogena* (Pers.) Singer = *Mycena metata*; *Mycena viscosa* Maire = *Mycena epipterygia* var. *viscosa*

NAUCORIA abstrusa sensu auct. = *Pholiota conissans*

NECTRIA cucurbitula (Tode : Fr.) Fr. = *Nectria fuckeliana*; *Nectria galligena* Bres. = *Neonectria galligena*

NEMATOLOMA fasciculare (Huds. : Fr.) P. Karst. = *Hypholoma fasciculare*; *Nematoloma sublateritium* (Schaeff.) P. Karst. = *Hypholoma lateritium*

NIDULARIA deformis (Wild.) Fr. = *Nidularia farcta*

NOLANEA lucida P.D. Orton = *Entoloma lucidum*

NUMMULARIA bulliardii Tul. & C. Tul. = *Biscogniauxia nummulara*

OCTAVIANA silesiaca Becker = *Leucogaster liosporus*

ODONTIA arguta (Fr. : Fr.) Quél. = *Hyphodontia arguta*; *Odontia barba-jovis* subsp. *abieticola* Bourdot & Galzin = *Hyphodontia abieticola*; *Odontia hydroides* (Cooke & Masee) Höhn. = *Scopuloides hydroides*; *Odontia sudans* (Alb. & Schwein. : Fr.) Bres. = *Dacryobolus sudans*

OLIGOPORUS fragilis (Fr. : Fr.) Gilb. & Ryvardeen = *Postia fragilis*

OMPHALIA hydrogramma sensu auct. = *Clitocybe phaeophthalma*; *Omphalia leucophylla sensu* J.E. Lange = *Gamundia striatula*

OMPHALINA abiegna (Berk. & Broome) Singer = *Chrysomphalina grossula*; *Omphalina campanella* (Batsch : Fr.) Quél. = *Xeromphalina campanella*; *Omphalina epichysium* (Pers. : Fr.) Quél. = *Arrhenia epichysium*; *Omphalina ericetorum* (Bull. : Fr.) M. Lange = *Lichenomphalia umbellifera*; *Omphalina gracillima auct.* = *Hemimycena delectabilis*; *Omphalina griseopallida* (Desm.) Quél. = *Arrhenia griseopallida*; *Omphalina hepatica* (Batsch : Fr.) P.D. Orton = *Omphalina subhepatica*; *Omphalina obscurata* D.A. Reid = *Arrhenia obscurata*; *Omphalina oniscus* (Fr. : Fr.) Quél. = *Arrhenia onisca*; *Omphalina velutina* (Quél.) Quél. = *Lichenomphalia velutina*; *Omphalina velutipes* P.D. Orton = *Arrhenia velutipes*

OTIDEA concinna (Pers.) Sacc. = ***Flavoscypha cantharella***; *Otidea umbrina* (Pers.) Bres. =
Otidea cochleata

OUDEMANSIELLA hygrophoroides Singer & Cléménçon = ***Xerula hygrophoroides***;
Oudemansiella longipes (P. Kumm. : Fr.) M.M. Moser = ***Xerula pudens***; *Oudemansiella melanotricha* (Dörfelt.) M.M. Moser = ***Xerula melanotricha***; *Oudemansiella platyphylla* (Pers. : Fr.) M.M. Moser = ***Megacollybia platyphylla***; *Oudemansiella radicata* (Relhan : Fr.) Singer = ***Xerula radicata***

PANAEOLUS foeniseccii (Pers. : Fr.) J. Schröt. = ***Panaeolina foeniseccii***; *Panaeolus rickenii* Hora = ***Panaeolus acuminatus***; *Panaeolus speciosus* P.D. Orton = ***Panaeolus subfirmus***

PANUS rudis Fr. = ***Panus lecomtei***; *Panus stipticus* (Bull.) Fr. = ***Panellus stipticus***; *Panus strigosus* Berk. & M.A. Curtis = ***Panus lecomtei***; *Panus tigrinus* (Bull. : Fr.) Singer = ***Lentinus tigrinus***; *Panus violaceofulvus* (Batsch) Quéf. = ***Panellus violaceofulvus***

PAXILLUS atrotomentosus (Batsch : Fr.) Fr. = ***Tapinella atrotomentosa***; *Paxillus panuoides* (Fr. : Fr.) Fr. = ***Tapinella panuoides***

PAXINA acetabulum (L. : Fr.) Kuntze = ***Helvella acetabulum***; *Paxina costifera* (Nannf.) Stangel = ***Helvella costifera***; *Paxina leucomelas* (Pers.) Kuntze = ***Helvella leucomelaena***

PENIOPHORA byssoides (Pers. : Fr.) Höhn. & Litsch. = ***Amphinema byssoides***; *Peniophora cinerea* var. *piceae* (Pers.) Bourdot & Galzin = ***Peniophora piceae***; *Peniophora corticalis* (Bull.) Bres. = ***Peniophora quercina***; *Peniophora gigantea* (Fr. : Fr.) Masee = ***Phlebiopsis gigantea***; *Peniophora glebulosa* (Fr.) Sacc. & P. Syd. = ***Tubulicrinis glebulosus***; *Peniophora heterogenea* Bourdot & Galzin = ***Scytinostromella heterogenea***; *Peniophora livida* Fr. ex Burt = ***Phlebia segregata***; *Peniophora malenconii* Boidin & Lanq. = ***Duportella malenconii***; *Peniophora pallidula* (Bres.) Bres. = ***Hyphodontia pallidula***; *Peniophora subcremea* Höhn. & Litsch. = ***Fibricium rude***

PEZIZA aurantia Pers. = ***Aleuria aurantia***; *Peziza celtica* (Boud.) M.M. Moser = ***Pachyella celtica***; *Peziza coccinea* Jacq. = ***Sarcoscypha coccinea***; *Peziza confusa* Cooke = ***Ciliaria confusa***; *Peziza repanda* Wahlenb. = ***Peziza repanda***

PHAEOMARASMIUS ferrugineus (Maire) M.M. Moser = ***Flammulaster ferruginea***

PHALLUS caninus Huds. : Pers. = ***Mutinus caninus***

PELLINUS dryadeus (Pers. : Fr.) Pat. = ***Pseudoinonotus dryadeus***; *Phellinus friesianus* (Bres.) Bourdot & Galzin = ***Phellinus punctatus***; *Phellinus nigricans* (Fr. : Fr.) P. Karst. = ***Phellinus igniarius***; *Phellinus ribis* (Schumach. : Fr.) Quéf. = ***Phylloporia ribis***; *Phellinus*

- robustus* var. *hartigii* (Allescher & Schm.) Bourdot & Galzin = ***Phellinus hartigii***;
Phellinus salicinus (Pers.) Quél. = ***Phellinus conchatus***; *Phellinus tuberculosus* (Baumg.)
 Niemelä = ***Phellinus pomaceus***
- PHELLODON melaleucus* (Sw. : Fr.) P. Karst. = ***Phellodon connatus***
- PHLEBIA deflectens* (P. Karst.) Ryvarden = ***Phanerochaete deflectens***; *Phlebia merismoides*
 (Fr. : Fr.) Fr. = ***Phlebia radiata***
- PHLEGMACIUM amoenolens* (Rob. Henry) M.M. Moser = ***Cortinarius amoenolens***;
Phlegmacium variicolor (Pers. : Fr.) Wünsche = ***Cortinarius variicolor***
- PHOLIOTA caperata sensu* P. Kumm. = ***Phaeolepiota aurea***; *Pholiota carbonaria* (Fr. : Fr.)
 Singer = ***Pholiota highlandensis***; *Pholiota decussata* M.M. Moser = ***Pholiota lubrica***;
Pholiota destruens (Brond.) Gillet = ***Pholiota populnea***; *Pholiota graminis* (Quél.) Singer
 = ***Pholiota conissans***; *Pholiota mutabilis* (Schaeff. : Fr.) P. Kumm. = ***Kuehneromyces***
mutabilis; *Pholiota myosotis* (Fr. : Fr.) Singer = ***Hypholoma myosotis***; *Pholiota*
nematolomoides (J. Favre) M.M. Moser = ***Pholiota subochracea***; *Pholiota ochrochlora*
 (Fr.) P.D. Orton = ***Pholiota gummosa***; *Pholiota radicata* (Bull.) P. Kumm. = ***Hebeloma***
radicosum; *Pholiota spectabilis sensu auct. europ.* = ***Gymnopilus junonius***
- PHOLIOTINA aporos* (Kits van Wav.) Cléménçon = ***Conocybe aporos***; *Pholiotina arrhenii* (Fr.)
 Singer = ***Conocybe arrhenii***; *Pholiotina pygmaeoaffinis* (Fr.) Singer = ***Conocybe***
pygmaeoaffinis; *Pholiotina teneroides* (J.E. Lange) Singer = ***Conocybe blattaria***
- PHYLLOPORUS rhodoxanthus sensu auct. europ.* = ***Phylloporus pelletieri***
- PHYLLOTUS porrigens* (Pers. : Fr.) P. Karst. = ***Pleurocybella porrigens***
- PHYSARUM nutans* Pers. = ***Physarum album***
- PILODERMA bicolor* (Peck) Jülich = ***Piloderma fallax***; *Piloderma croceum* J. Erikss. &
 Hjortstam = ***Piloderma fallax***
- PISOLITHUS arenarius* Alb. & Schwein. = ***Pisolithus arhizus***; *Pisolithus tinctorius* (Pers. :
 Pers.) Coker & Couch = ***Pisolithus arhizus***
- PLECTANIA coccinea* (Jacq.) Fuckel = ***Sarcoscypha coccinea***
- PLEUROTUS eryngii* var. *ferulae* (Lanzi) Sacc. = ***Pleurotus fuscus*** var. *ferulae*; *Pleurotus*
ostreatus f. *pulmonarius* (Fr.) Pilát = ***Pleurotus pulmonarius***; *Pleurotus ostreatus* f.
salignus (Pers. : Fr.) Pilát = ***Pleurotus ostreatus***; *Pleurotus salignus* (Schrad.) Quél. =
Pleurotus ostreatus; *Pleurotus serotinus* var. *flaccidus* J.E. Lange = ***Panellus serotinus***;
Pleurotus tremulus (Schaeff. : Fr.) P. Kumm. = ***Hohenbuehelia tremula***; *Pleurotus*

ulmarius (Bull. : Fr.) P. Kumm. = ***Lyophyllum ulmarium***

PLUTEUS atricapillus (Batsch : Fr.) Fayod = ***Pluteus cervinus*** var. *cervinus*; *Pluteus dryophiloides* P.D. Orton = ***Pluteus plautus***; *Pluteus gracilis* (Bres.) J.E. Lange = ***Pluteus plautus***; *Pluteus minutissimus* Maire = ***Pluteus podospileus***; *Pluteus nigrofloccosus* (R. Schulz) J. Favre = ***Pluteus atromarginatus***; *Pluteus olivaceus* P.D. Orton = ***Pluteus cinereofuscus***; *Pluteus pallescens* P.D. Orton = ***Pluteus satur***; *Pluteus patricius* (Schulzer) Boud. = ***Pluteus petasatus***; *Pluteus tricuspoidatus* Velen. = ***Pluteus atromarginatus***

POLYPORELLUS elegans (Bull.) P. Karst. = ***Polyporus leptocephalus***

POLYPORUS abietinus (Dicks.) Fr. = ***Trichaptum abietinum***; *Polyporus adustus* (Willd. : Fr.) Fr. = ***Bjerkandera adusta***; *Polyporus albellus* Fr. : Fr. = ***Tyromyces chioneus***; *Polyporus anisoporus* Delastre & Mont. = ***Polyporus arcularius***; *Polyporus delectans* Peck = ***Spongipellis delectans***; *Polyporus dryadeus* (Pers. : Fr.) Fr. = ***Pseudoinonotus dryadeus***; *Polyporus elegans* (Bull.) Fr. = ***Polyporus leptocephalus***; *Polyporus fimbriatus* Fr. : Fr. = ***Porotheleum fimbriatum***; *Polyporus fomentarius* (L. : Fr.) Fr. = ***Fomes fomentarius***; *Polyporus frondosus* (Dicks.) Fr. = ***Grifola frondosa***; *Polyporus fulvus* (Schaeff. ex Scop.) Fr. = ***Fomes fulvus***; *Polyporus giganteus* (Pers. : Fr.) Fr. = ***Meripilus giganteus***; *Polyporus hartigii* Allesch. & Schnabl = ***Phellinus hartigii***; *Polyporus hirsutus* (Wulfen : Fr.) Fr. = ***Trametes hirsuta***; *Polyporus hispidus* (Bull. : Fr.) Fr. = ***Inonotus hispidus***; *Polyporus igniarius* (L. : Fr.) Fr. = ***Phellinus igniarius***; *Polyporus intybaceus* Fr. = ***Grifola frondosa***; *Polyporus lentus* Berk. = ***Polyporus tuberaster***; *Polyporus melanopus* Mont. = ***Polyporus guianensis***; *Polyporus montanus* (Quél.) Ferry = ***Bondarzewia montana***; *Polyporus mori* (Pollini : Fr.) Fr. = ***Polyporus alveolaris***; *Polyporus nidulans* Fr. : Fr. = ***Hapalopilus nidulans***; *Polyporus pergamenus* Fr. [as “pargamenus”] = ***Trichaptum biforme***; *Polyporus pinicola* (Sw. : Fr.) Fr. = ***Fomitopsis pinicola***; *Polyporus pubescens* (Schumach. : Fr.) Fr. = ***Trametes pubescens***; *Polyporus radiatus* (Sowerby : Fr.) Fr. = ***Inonotus radiatus***; *Polyporus rheades* Pers. = ***Inonotus rheades***; *Polyporus schweinitzii* Fr. : Fr. = ***Phaeolus schweinitzii***; *Polyporus semisupinus* Berk. & M.A. Curtis = ***Antrodiella semisupina***; *Polyporus stipticus* (Pers. : Fr.) Fr. = ***Postia stiptica***; *Polyporus sulphureus* (Bull. : Fr.) Fr. = ***Laetiporus sulphureus***; *Polyporus ulmarius* (Sowerby : Fr.) Fr. = ***Rigidoporus ulmarius***; *Polyporus varius* (Pers. : Fr.) Fr. = ***Polyporus leptocephalus***; *Polyporus versicolor* (L. : Fr.) Fr. = ***Trametes versicolor***

POLYSTICTUS hirsutus (Wulfen : Fr.) Fr. = ***Trametes hirsuta***; *Polystictus versicolor* (L. : Fr.)

Fr. = ***Trametes versicolor***

PORIA bombycina (Fr. : Fr.) Cooke = ***Anomoporia bombycina***; *Poria calcea* (Fr. : Fr.) Bres.

(nomen illeg.) = ***Antrodia calceus***; *Poria lindbladii* (Berk.) Cooke = ***Diplomitoporus***

lindbladii; *Poria medulla-panis* (Jacq.) Pers. = ***Perenniporia medulla-panis***; *Poria*

mollusca (Pers. : Fr.) Quél. = ***Trechispora mollusca***; *Poria obliquua* (Ach. ex Pers. : Fr.)

P. Karst. = ***Inonotus obliquus***; *Poria ochroleuca* (Berk.) Kotl. & Pouzar = ***Perenniporia***

ochroleuca; *Poria punctata* (Fr.) P. Karst. = ***Phellinus punctatus***; *Poria reticulata* (Fr.)

Cooke = ***Ceriporia reticulata***; *Poria taxicola* (Pers. : Fr.) Bres. = ***Gloeoporus taxicola***;

Poria vaillantii (DC. : Fr.) Cooke = ***Antrodia vaillantii***; *Poria vulgaris* (Fr. : Fr.) Quél. &

P. vulgaris (Fr. : Fr.) Cooke = ***Skeletocutis vulgaris***

POSTIA lactea (Fr. : Fr.) P. Karst. = ***Postia tephroleuca***; *Postia sericeomollis* (Romell) Jülich

= ***Oligoporus sericeomollis***

PSALLIOTA campestris (L. : Fr.) Quél. = ***Agaricus campestris*** var. ***campestris***; *Psalliota edulis*

var. ***valida*** F.H. Møller = ***Agaricus bitorquis***

PSATHYRA umbonata Peck = ***Psathyrella umbonata***

PSATHYRELLA disseminata (Pers. : Fr.) Quél. = ***Coprinellus disseminatus***; *Psathyrella gracilis*

(Fr. : Fr.) Quél. = ***Psathyrella corrugis***; *Psathyrella hydrophila* (Bull.) Maire =

Psathyrella piluliformis; *Psathyrella lacrymabunda* (Bull. : Fr.) M.M. Moser =

Lacrymaria lacrymabunda; *Psathyrella pyrotricha* (Holmsk. : Fr.) M.M. Moser =

Lacrymaria pyrotricha; *Psathyrella velutina* (Pers. : Fr.) Singer = ***Lacrymaria***

lacrymabunda

PSEUDOCRATERELLUS undulatus var. ***crispus*** (Bull.) Courtec. = ***Pseudocraterellus sinuosus***

PSEUDOTRAMETES gibbosa (Pers. : Fr.) Bondartsev & Singer = ***Trametes gibbosa***

PSILOCYBE foeniseccii (Pers.) Quél. = ***Panaeolina foeniseccii***; *Psilocybe graminicola* (P.D.

Orton) P.D. Orton = ***Psilocybe subviscida*** var. ***velata***; *Psilocybe inquilina* var. ***crobula***

(Fr.) Høil. = ***Psilocybe crobula***; *Psilocybe luteonitens* (Vahl : Fr.) Park.-Rhodes =

Stropharia luteonitens; *Psilocybe rhombispora* (Britzelm.) Sacc. = ***Psilocybe phyllogena***

PULVEROBOLETUS gentilis (Quél.) Singer = ***Aureoboletus gentilis***

RAMARIA condensata (Fr.) Quél. = ***Ramaria stricta***; *Ramaria fumigata sensu* Corner =

Ramaria fennica var. ***griseolilacina***; *Ramaria ochraceovirens* (Jungh.) Donk = ***Ramaria***

abietina; *Ramaria versatilis* Quél. = ***Ramaria fennica*** var. ***griseolilacina***

RESUPINATUS cyphelliformis (Berk.) Singer = ***Hohenbuehelia cyphelliformis***

RHIZOPOGON obtextus (Spreng.) R. Rauschert = ***Rhizopogon luteolus***; *Rhizopogon rubescens* (Tul. & C. Tul.) Tul. & C. Tul. = ***Rhizopogon roseolus***; *Rhizopogon vulgaris* (Vittad.) M. Lange = ***Rhizopogon roseolus***

RHODOCYBE mundula (Lasch) Singer = ***Rhodocybe popinalis***; *Rhodocybe truncata* (Schaeff.) Singer = ***Rhodocybe gemina***

RHODOPHYLLUS lanicus Romagn. = ***Entoloma lanicum***; *Rhodophyllus sinuatus* (Bull. ex Pers. : Fr.) Quél. = ***Entoloma sinuatum***

RIGIDOPORUS sanguinolentus (Alb. & Schwein. : Fr.) Donk = ***Physisporinus sanguinolentus***

RUSSULA aurata (With.) Fr. = ***Russula aurea***; *Russula carminea* (Jul. Schäff.) Kühner & Romagn. = ***Russula aquosa***; *Russula emetica* var. *silvestris* Singer = ***Russula silvestris***; *Russula erythropoda* Fr. ex Pelt. = ***Russula xerampelina***; *Russula flava* Romell = ***Russula claroflava***; *Russula krombholzii* Schaffer = ***Russula atropurpurea***; *Russula laurocerasi* Melzer = ***Russula grata***; *Russula lepida* Fr. = ***Russula rosea***; *Russula mairei* Singer = ***Russula nobilis***; *Russula obscura* Romell = ***Russula vinosa***; *Russula rosacea* (Pers.) Gray = ***Russula sanguinaria***; *Russula rosea* Quél. = ***Russula aurora***; *Russula rubra sensu* Cooke = ***Russula atropurpurea***; *Russula undulata* Velen. = ***Russula atropurpurea***; *Russula xerampelina* var. *erythropus* (Fr. ex Pelt.) Konrad & J. Favre [as ‘*erythropoda*’] = ***Russula xerampelina***

RUTSTROEMIA echinophila (Bull. : Fr.) Höhn. = ***Lanzia echinophila***

SARCOSCPHYA hiemalis (Nees & Bernstein) J. Schröt = ***Microstoma protractum***

SARCOSPHAERA crassa (Santi) Pouzar = ***Sarcosphaera coronaria***; *Sarcosphaera eximia* (Durieu & Lév.) Maire = ***Sarcosphaera coronaria***

SCHIZOPHYLLUM alneum J. Schröt. = ***Schizophyllum commune***

SCLERODERMA aurantium (L. : Pers.) Pers. = ***Scleroderma citrinum***

SCUTIGER oregonensis Murrill = ***Albatrellus pes-caprae***

SEBACINA grisea (Pers. : Fr.) Bres. = ***Exidiopsis grisea***

SEPULTARIA arenicola (Lév.) Masee = ***Geopora arenicola***; *Sepultaria arenosa* (Fuckel) Boud. = ***Geopora arenosa***; *Sepultaria sumneriana* (Cooke) Masee = ***Geopora sumneriana***

SOLENIA anomala (Pers. : Fr.) Fuckel = ***Merismodes anomala***; *Solenia candida* Pers. = ***Henningsomyces candidus***; *Solenia fasciculata* Pers. = ***Rectipilus fasciculatus***

STECCHERINUM septentrionale (Fr. : Fr.) Banker = ***Climacodon septentrionalis***

STEMONITIS hyperopta Meyl. = ***Stemonitopsis hyperopta***; *Stemonitis nigrescens* Rex = ***Stemonitis fusca***

STEMONITOPSIS irregularis (Rex) T.N. Lakh. & Mukerji = ***Stemonaria irregularis***

STEREUM chailletii (Pers. : Fr.) Fr. = ***Amylostereum chailletii***; *Stereum frustulosum* (Pers. : Fr.) Fr. = ***Xylobolus frustulatus***; *Stereum murrayi* var. *tuberculosum* (Fr.) Pilát = ***Cystostereum murrayi***; *Stereum purpureum* Pers. : Fr. = ***Chondrostereum purpureum***

STROPHARIA squamosa (Pers. : Fr.) Sacc. = ***Psilocybe squamosa***; *Stropharia stercoraria* (Bull. : Fr.) Quéf. = ***Stropharia semiglobata***

TERFEZIA leonis (Tul. & C. Tul.) Tul. & C. Tul. = ***Terfezia arenaria***

THELEPHORA spiculosa Fr. : Fr. = ***Thelephora penicillata***

TOMENTELLA atrovioleacea Litsch. = ***Tomentella badia***; *Tomentella flaccida* Bourdot & Galzin = ***Thelephora atra***; *Tomentella fuliginea* (Burt) Bourdot & Galzin = ***Tomentella lapida***; *Tomentella gibbosa* Litsch. = ***Tomentella asperula***; *Tomentella isabellina* (Fr. : Fr.) Höhn. & Litsch. = ***Botryohypochnus isabellinus***; *Tomentella mucidula* (P. Karst.) Höhn. & Litsch. = ***Pseudotomentella mucidula***; *Tomentella ochraceoolivacea* Litsch. = ***Tomentella coerulea***; *Tomentella ruttneri* Litsch. = ***Tomentella stuposa***; *Tomentella spongiosa* (Schwein. : Fr.) Bourdot & Galzin = ***Tomentella lapida***; *Tomentella subcervina* Litsch. = ***Tomentella cinerascens***; *Tomentella umbrina* (Fr. : Fr.) Litsch. = ***Pseudotomentella tristis***

TOMENTELLINA bombycina (P. Karst.) Bourdot & Galzin = ***Tomentella fibrosa***

TRAMETES albida (Schaeff.) Fr. = ***Postia stiptica***; *Trametes carbonaria* (Berk. & M.A. Curtis) Overh. = ***Gloeophyllum carbonarium***; *Trametes heteromorpha* (Fr. : Fr.) Bres. = ***Antrodia heteromorpha***; *Trametes hispida* Bagl. = ***Coriolopsis gallica***; *Trametes malicola* Berk. & M.A. Curtis = ***Antrodia malicola***; *Trametes multicolor* (Schaeff.) Jülich. = ***Trametes ochracea***; *Trametes pini* (Brot. : Fr.) Fr. = ***Phellinus pini***; *Trametes pini* var. *abietis* P. Karst. [sic] = ***Phellinus chrysoloma***; *Trametes radiciperda* R. Hartig = ***Heterobasidion annuosum***; *Trametes robiniophila* Murrill = ***Perenniporia robiniophila***; *Trametes sepium* Berk. = ***Antrodia albida***; *Trametes serialis* Fr. : Fr. = ***Antrodia serialis***; *Trametes trabea* (Pers. : Fr.) Bres. = ***Gloeophyllum trabeum***; *Trametes trogii* Berk. = ***Coriolopsis trogii***; *Trametes variiformis* (Peck) Peck = ***Antrodia variiformis***

TREMELLA virescens sensu auct. = ***Tremella exigua***

TREMELLODON gelatinosum (Scop. : Fr.) Pers. = ***Pseudohydnum gelatinosum***

- TRICHAPTUM pergamenum* (Fr.) G. Cunn. [as “*pargamenum*”] = ***Trichaptum biforme***
- TRICHIA contorta* var. *karstenii* (Rostaf.) Ing = ***Trichia contorta***; *Trichia decipiens* var. *olivacea* (Meyl.) Meyl. = ***Trichia decipiens***
- TRICHOLOMA auratum* (Paulet : Fr.) Gillet = ***Tricholoma equestre***; *Tricholoma flavovirens* (Pers. : Fr.) S. Lundell = ***Tricholoma equestre***; *Tricholoma fracticum sensu auct. mult.* = ***Tricholoma batschii***; *Tricholoma gambosum* (Fr.) Gillet = ***Calocybe gambosa***; *Tricholoma grammopodium* (Bull.) Fr. = ***Melanoleuca grammopodia***; *Tricholoma melaleucum* (Pers.) P. Kumm. = ***Melanoleuca melaleuca***; *Tricholoma nudum* (Bull. : Fr.) P. Kumm. = ***Lepista nuda***; *Tricholoma personatum* (Fr.) P. Kumm. = ***Lepista personata***; *Tricholoma rutilans* (Schaeff. : Fr.) Fr. = ***Tricholomopsis rutilans***; *Tricholoma sordidum* (Fr.) P. Kumm. = ***Lepista sordida***; *Tricholoma squarrulosum* Bres. = ***Tricholoma atosquamosum*** var. *squarrulosum*
- TUBARIA trigonophylla* Lasch = ***Tubaria allostipitata***; *Tubaria hiemalis* Romagn. ex Bon = ***Tubaria furfuracea***
- TUBIFERA ferruginosa* (Batsch) J.F. Gmel. = ***Tubulifera arachnoidea***
- TUBULICRINIS gracillimus* (Ellis & Everh. ex D.P. Rogers & H.S. Jacks.) G. Cunn. = ***Tubulicrinis glebulosus***
- TYROMYCES caesius* (Schrad. : Fr.) Murrill = ***Postia caesia***; *Tyromyces floriformis* (Quél.) Bondartsev & Singer = ***Postia floriformis***; *Tyromyces lacteus* (Fr. : Fr.) Murrill = ***Postia tephroleuca***; *Tyromyces mollis* (Pers. : Fr.) Kotl. & Pouzar = ***Leptoporus mollis***; *Tyromyces placenta* (Fr.) Ryvarden = ***Postia placenta***; *Tyromyces sericeomollis* (Romell) Bondartsev = ***Oligoporus sericeomollis***; *Tyromyces stipticus* (Pers. : Fr.) Kotl. & Pouzar = ***Postia stiptica***; *Tyromyces tephroleucus* (Fr. : Fr.) Donk = ***Postia tephroleuca***
- UNGULINA annosa* (Fr. : Fr.) Pat. = ***Heterobasidion annosum***; *Ungulina corrugis* (Fr.) Bourdot & Galzin = ***Podofomes corrugis***; *Ungulina fuliginosa* (Scop.) Pat. = ***Ischnoderma resinosum***; *Ungulina marginata* (Fr.) Pat. = ***Fomitopsis pinicola***; *Ungulina rosea* (Alb. & Schwein. : Fr.) Pat. = ***Fomitopsis rosea***; *Ungulina ulmaria* (Sowerby : Fr.) Pat. = ***Rigidoporus ulmarius***
- USTULINA deusta* (Hoffm. : Fr.) Lind = ***Kretzschmaria deusta***; *Ustulina vulgaris* Tull. & C. Tull. = ***Kretzschmaria deusta***
- UTHATOBASIDIUM ochraceum* (Masse) Donk = ***Thanatephorus ochraceus***
- VERPA bohémica* (Krombh.) J. Schröt. = ***Ptychoverpa bohémica***

VOLVARIA bombycina (Schaeff. : Fr.) P. Kumm. = ***Volvariella bombycina***

VOLVARIELLA speciosa (Fr. : Fr.) Singer = ***Volvariella gloiocephala***; *Volvariella speciosa* var. *gloiocephala* (DC.) Singer = ***Volvariella gloiocephala***

XANTHOCHROUS hispidus (Bull. : Fr.) Pat. = ***Inonotus hispidus***; *Xanthochrous perennis* (L.) Pat. = ***Coltricia perennis***; *Xanthochrous pini* (Brot.) Pat. = ***Phellinus pini***; *Xanthochrous radiatus* (Sowerby : Fr.) Pat. = ***Inonotus radiatus***; *Xanthochrous rheades* (Pers.) Pat. = ***Inonotus rheades***

XEROCOMUS badius (Fr. : Fr.) Kühner ex E.-J. Gilbert = ***Boletus badius***; *Xerocomus chrysenteron* (Bull.) Quél. = ***Boletus chrysenteron***; *Xerocomus moravicus* (Vacek) Herink = ***Boletus moravicus***; *Xerocomus porosporus* Imler = ***Boletus porosporus***; *Xerocomus rubellus* (Krombh.) Quél. = ***Boletus rubellus***; *Xerocomus spadiceus* (Fr.) Quél. = ***Boletus ferrugineus***; *Xerocomus subtomentosus* (L. : Fr.) Quél. = ***Boletus subtomentosus***; *Xerocomus truncatus* Singer, Snell & E.A. Dick = ***Boletus truncatus***

XEROMPHALINA fellea Maire & Malençon = ***Xeromphalina caudicinalis***

XERULA longipes (P. Kumm. : Fr.) Maire = ***Xerula pudens***

XYLOSPHAERA hypoxylon = ***Xylaria hypoxylon***

Excluded records

Agaricus rimulincola Lasch [361] – an ambiguous record

Agrocybe arvalis sensu auct. [032 – as *A. arvalis* (Fr.) Heim & Romagn.] = *Agrocybe pediades* (see Legon *et al.* 2005) [217]

Amanita solitaria (Bull. : Fr.) Fr. [039, 086, 104, 140, 210, 239, 268, 380] – a *nomen dubium*; lacking type material and variously interpreted (Legon *et al.* 2005)

Armillaria obscura (Schaeff.) Herink. [329] – a *nomen dubium*; lacking type material and inadequately described (Legon *et al.* 2005)

Athelia rolfsii (Curzi) C.C. Tu & Kimbr. [300] – listed by Sesli & Denchev (2005) as a correct name of *Corticium centrifugum* (see *C. centrifugum* in this list)

Boletus erythropus Pers. [002, 018, 053, 069, 085, 138, 203, 205, 231, 234, 238, 239, 247, 267, 268, 269, 297, 305, 338, 342, 349] – a *nomen dubium*; lacking type material and variously interpreted (*sensu* Persoon = *B. queletii*; *sensu auct. europ.* = *B. luridiformis* Rostk.) (Legon *et al.* 2005)

Boletus miniatoporus sensu Nüesch & Kallenbach. = *Boletus erythropus* – *nom. dub.*

Boletus pinicola Rea – a *nomen illeg.*, a later homonym

Boletus satanoides Smotl. – a *nomen dubium*; *sensu auct. mult.* = *Boletus legaliae*

Boletus versicolor Kuntze – a *nomen illeg.*, a later homonym

Bovista pusilla (Batsch : Pers.) Pers. [038, 039, 073, 324] – a *nomen dubium*; variously interpreted (Legon *et al.* 2005)

Clavaria flava Krombh. [329] – *nomen illeg.*

Clitocybe dealbata (Sowerby : Fr.) – a *nomen dubium*, lacking type material; *sensu auct. mult.* = *C. rivulosa* (Legon *et al.* 2005)

Clitocybe hydrogramma (Bull. & A. Venturi) P. Kumm. – a *nomen dubium*, lacking type material (Bulliard's plate depicts four or five different agarics – apparently all species of *Clitocybe*); *sensu auct.* = *C. phaeophthalma* (Legon *et al.* 2005)

Clitocybe infundibuliformis (Schaeff.) Quél. [329] – a *nomen dubium*, lacking type material and variously interpreted (Legon *et al.* 2005)

Clitocybe maxima (Gaertn. & G. Mey. : Fr.) P. Kumm. [179, 390] – a *nomen dubium*, lacking type material and variously interpreted (Legon *et al.* 2005)

Clitocybe obsoleta (Batsch) Quél. [265] – a *nomen dubium*, variously interpreted; *sensu auct.* = *C. fragrans* (Legon *et al.* 2005)

Clitocybe parilis (Fr. : Fr.) Sacc. [251, 255] – a *nomen dubium*, variously interpreted; *sensu auct.* (Fr., Quélet, Lange) it represents various *Clitocybe* spp. (e.g., *C. trulliformis*, *C. fuscoscumula*), *sensu* Kühner & Romagnesi it represents a *Rhodocybe* species (Legon *et al.* 2005; Antonín, in litt.).

Comatricha dictyospora L.F. Čelak. (*nom. dub.*)

Coprinus fimetarius Fr. [329, 338] – a *nomen dubium*; listed, pro parte, as a synonym of *C. cinereus* (Legon *et al.* 2005)

Coprinus hemerobius Fr. – see *Parasola hemerobia*

Corticium centrifugum (Lév.) Bres. [102, 272] – a *nomen illeg. et dubium* applied to various species of *Athelia* (often misapplied to *A. arachnoidea*) (Legon *et al.* 2005)

Cortinarius allutus Fr. [019, 374] – a *nomen dubium* (Legon *et al.* 2005)

Cortinarius fasciatus Fr. [373, 374] – a *nomen dubium*; *sensu* Lange (1938: 50 & pl. 104D) and *sensu auct. brit.* = *C. fulvescens*

Entoloma mammosum (L.) Hesler [020, 025] – a *nomen confusum* lacking type material and variously interpreted (Legon *et al.* 2005)

- Galerina mycenoides* (Fr.) Kühner [031] – a *nomen dubium* variously interpreted (Legon *et al.* 2005)
- Gomphidius viscidus* (L.) Fr. – a *nomen dubium* lacking type material; *sensu* Fries is *Chroogomphus rutilus* but Linnaeus described the stipe as ‘short, white and somewhat swollen’ which better fits *Gomphidius glutinosus*.
- Hebeloma longicaudum* (Pers. : Fr.) P. Kumm. [359] – a *nomen dubium* lacking type material and variously interpreted (Legon *et al.* 2005)
- Hebeloma testaceum* (Batsch) Qué. – a *nomen dubium* (Legon *et al.* 2005)
- Hebeloma truncatum* (Schaeff.) P. Kumm. – see *Rhodocybe truncata*
- Hemimycena pithya* (Fr. : Fr.) Dörfelt [215, 217, 221] – a *nomen dubium*; *sensu* Rea (1922) and Breitenbach & Kränzlin (1991) is *H. gracilis* (Qué.) Singer (Legon *et al.* 2005)
- Hydnellum velutinum* (Fr. : Fr.) P. Karst. [251] – according to Maas Geesteranus (1975) and Hrouda (2008), this name is not recently used for any species of *Hydnellum*. The species, reported by Öner (1972), probably represents *H. ferrugineum* or *H. spongiosipes*.
- Hygrocybe citrina* (Rea) J.E. Lange [137] – a *nomen dubium*; variously interpreted; *sensu* auct. is *H. glutinipes*, *sensu* Lange (1940) and Breitenbach & Kränzlin (1991) is *H. ceracea*. (Legon *et al.* 2005).
- Hygrocybe nigrescens* (Qué.) Kühner – a *nomen dubium* lacking type material; *sensu* auct. *H. conica* var. *conica* (Legon *et al.* 2005)
- Hygrophorus leucophaeus* (Scop.) Fr. – a *nomen dubium* lacking type material and variously interpreted; mostly *Hygrophorus unicolor* but also includes *H. lindtneri* (Legon *et al.* 2005)
- Hygrophorus limacinus* (Scop.) Fr. – a *nomen confusum* variously interpreted, applied to *H. personii* and related species (Legon *et al.* 2005)
- Hygrophorus purpurascens* Gonn. & Rabenh. – a *nomen illeg.*
- Hygrophorus speciosus* Peck. [347] – published as a fungus which “grows in pine forest” (Türkoğlu *et al.* 2007) while this species is strictly associated with *Larix* (Legon *et al.* 2005).
- Inocybe fibrosa* (Sowerby) Gillet [213] – a *nomen dubium* lacking type material; *sensu* Sowerby is possibly *I. duriuscula* (Legon *et al.* 2005).
- Inocybe fuscidula* Bres. – *nomen illeg.*

- Inocybe lucifuga* (Fr. : Fr.) P. Kumm. [329] – a *nomen dubium* (Legon *et al.* 2005)
- Lactarius cilicioides* (Fr.) Fr. – a *nomen dubium* (Legon *et al.* 2005)
- Lactarius cyanoxantha* Schaeff. : Fr. [sic] [329] – probably, wrongly instead of *Russula cyanoxantha* Schaeff.
- Lactarius insulsus* (Fr. : Fr.) Fr. [282, 296] – a *nomen dubium* (Legon *et al.* 2005)
- Lepiota alba* Beeli (a later homonym of *Lepiota alba* (Bres.) Sacc.) [140, 203] – it is unclear, the Turkish records to which correct name should be referred.
- Lepiota queletii* Sacc. & P. Syd. – an unknown binomial of a species cited by Solak *et al.* (2007)
- Macrolepiota prominens* (Fr.) M.M. Moser – doubtfully distinct from *M. mastoidea* (*sensu auct. brit.* is mostly *M. procera*) (Legon *et al.* 2005)
- Marasmius calopus* (Pers. : Fr.) Fr. [268, 297, 362] – a *nomen dubium* lacking type material (Antonín & Noordeloos 1993; Legon *et al.* 2005)
- Marasmius porreus* (Pers. : Fr.) Fr. [162, 163, 274, 329] – a *nomen dubium*: it may represent several marasmioid or collyboid taxa (Antonín & Noordeloos 1996)
- Marasmius resinus* (Peck) Sacc. [251, 297] – an unclear name (Antonín, in litt.)
- Melanoleuca arcuata* (Bull. : Fr.) Singer [174, 199] – a *nomen dubium* lacking type material and variously interpreted (Legon *et al.* 2005)
- Melanoleuca graminicola* (Velen.) Kühner & Maire [014, 016, 029, 094, 104, 132, 139, 205, 217, 221, 230, 235, 265, 343, 350, 373, 374, 375] – a *nomen dubium* used for both *M. stridula* and *M. melaleuca* s. str. (Legon *et al.* 2005)
- Melanoleuca subpulverulenta* (Pers.) Singer [011, 016] – a *nomen dubium* lacking type material and variously interpreted (Legon *et al.* 2005)
- Morchella esculenta* f. *alba* Galli – a *nom. inval.*
- Morchella umbrina* f. *macroalveola* Jacquet. – a *nom. inval.* [327]
- Mycena alcalina* (Fr. : Fr.) P. Kumm. [160, 271, 297, 334, 362] – a *nomen dubium* variously interpreted (Legon *et al.* 2005)
- Mycena corticola* (Pers.) Gray – a *nomen dubium* lacking type material and variously interpreted (Legon *et al.* 2005)
- Mycena excisa* (Lasch) P. Kumm. [162, 163, 274, 329] – a *nomen dubium* lacking type material and variously interpreted (Legon *et al.* 2005)
- Mycena immaculata* Peck – a *nomen dubium*; usually is considered as a synonym of

- Hemimycena gracilis*. However, its type specimen consists of two species: *Hemimycena gracilis* and probably *H. delectabilis* (Antonín, in litt.).
- Mycena parabolica* (Fr.) Quél. [297, 334] – a *nomen dubium*; according to the original description, it probably does not represent a *Mycena* species at all (Antonín, in litt.).
- Mycena plicosa* (Fr. : Fr.) P. Kumm. [271, 297] – a *nomen dubium* (Legon *et al.* 2005)
- Parasola hemerobia* (Fr.) Redhead, Vilgalys & Hopple [031, 230] – a *nomen dubium* (see Legon *et al.* 2005)
- Paxillus filamentosus* Fr. – a *nomen dubium*; *sensu auct.* is *P. rubicundulus* but the name has been used for another fungus probably not distinct from *P. involutus* (Legon *et al.* 2005).
- Paxillus rhodaxanthus* Schwein. [sic] [329] – probably, it has been erroneously cited instead *Phylloporus rhodoxanthus* = *Phylloporus pelletieri*.
- Pholiota aurivella* (Batsch : Fr.) Fr. [010, 027, 039, 065, 076, 156, 200, 160, 213, 228, 260, 279, 297, 311, 313, 317, 334, 338, 354, 355, 358, 373] – see *Ph. adiposa*
- Pholiota flavida* (Schaeff. : Fr.) Singer [014, 019, 027, 373, 374, 375] – a *nomen dubium fide* Holec (2001) widely used for both *Ph. alnicola* and *Ph. pinicola* (Legon *et al.* 2005)
- Pholiota jahnii* Tjall.-Beuk. & Bas. [300]. Based on a presumption that at least a part of the records of *Pholiota adiposa* may be *Ph. jahnii*, the latter was included by Sesli & Denchev (2005) as a possible species for Turkey, but in the current version, it was treated as an unproved species.
- Pholiota subsquarrosa* (Fr.) Sacc. [329] – a *nomen dubium fide* Holec 2001
- Poria vaporaria* (Pers. : Fr.) Cooke [269] – a *nomen ambiguum* lacking type material and variously interpreted (Legon *et al.* 2005)
- Psathyrella gyroflexa* (Fr.) Konrad & Maubl. [162, 163, 274] – a *nomen dubium*, probably a species of *Coprinus* s. lat. (Legon *et al.* 2005)
- Psathyrella squamosa* (P. Karst.) M.M. Moser [329] – a *nomen dubium* (Legon *et al.* 2005)
- Psilocybe bullacea* (Bull. : Fr.) P. Kumm. – a *nomen dubium* lacking type material; *sensu auct.* mult. this is *P. subviscida* var. *velata* (Legon *et al.* 2005).
- Rhodocybe truncata* (Schaeff.) Singer (Syn. *Hebeloma truncatum*) – a *nomen dubium* lacking type material and with widely differing interpretations (Legon *et al.* 2005)
- Russula furcata* (Pers.) Fr. [145, 146, 296, 329] – a *nom. dubium*, according to various authors identical with *R. grisea*, *R. heterophylla* or *R. cyanoxantha*

Russula lutea (Huds. : Fr.) Fr. [329] – a *nomen dubium* lacking type material and variously interpreted (Legon *et al.* 2005)

Russula olivascens (Pers.) Bres. [025] – a *nomen dubium* (Legon *et al.* 2005)

Russula transiens (Singer) Romagn. [296] – unclear status; *sensu* Romagnesi it probably represents *R. firmula*.

Trametes colliculosa (Pers.) L. et N. [*sic*] [276] – excluded

Tricholoma fracticum (Britzelm.) Kreisel [085, 134, 215, 222, 228, 235, 373] – a *nomen dubium* lacking type material. Britzelmayer's plate could represent any of several species near to *Tricholoma albobrunneum* (Legon *et al.* 2005).

Tubaria pellucida (Bull.) Fr. [297] – a *nomen dubium* (Legon *et al.* 2005)

Estimation of the fungal diversity

The total number of correct names of species of myxomycetes, larger ascomycetes, and larger basidiomycetes, recognized as occurring in Turkey, is 2151, including 222 species of myxomycetes, 144 species of ascomycetes, and 1785 species of basidiomycetes proper. Seventy-six species were treated as doubtful, confused or erroneously recorded names or as illegitimate names and included in a list of excluded records, providing reasons for their exclusion. The total number of genera of myxomycetes, larger ascomycetes, and larger basidiomycetes discovered in Turkey is 433, including 41 genera of myxomycetes, 59 genera of ascomycetes, and 333 genera of basidiomycetes as seen below:

Protosteliomycetes

Ceratiomyxa

Myxomycetes

Amaurochaete, Arcyodes, Arcyria

Badhamia, Badhamiopsis

Calomyxa, Clastoderma, Collaria, Comatricha, Craterium, Cribraria

Diachea, Dianema, Dictydiaethalium, Diderma, Didymium

Echinostelium, Enerthenema

Fuligo

Hemitrichia

Lamproderma, Licea, Lindbladia, Leocarpus, Lycogala

"This internet site was updated on March 2010"

Macbrideola, Metatrichia, Mucilago

Oligonema

Paradiacheopsis, Physarum, Protophysarum

Reticularia

Stemonaria, Stemonitis, Stemonitopsis, Symphytocarpus

Trichia, Tubulifera

Willkommlangea

Ascomycetes

Aleuria, Annulohypoxyton, Arachnopeziza, Ascocoryne

Biscogniauxia, Bisporella, Bulgaria

Caloscypha, Chlorociboria, Choiromyces, Ciboria, Ciliaria, Colpoma, Cudonia

Daldinia, Dasyscyphella, Diatrype, Discina, Disciotis

Flavoscypha

Geopora, Gyromitra

Helvella, Humaria, Hymenoscyphus, Hypoxyton, Hysterium

Kretzschmaria

Lachnellula, Lachnum, Lanzia

Marcellina, Melastiza, Melogramma, Microstoma, Mitrophora, Mollisia, Morchella

Nectria, Neonectria

Otidea

Pachyella, Peziza, Pithya, Plicaria, Phaeohelotium, Ptychoverpa

Rhizina

Sarcoscypha, Sarcosphaera, Scutellinia, Spathularia

Tapesia, Tarzetta, Terfezia, Tirmania, Tuber

Verpa

Xylaria

Basidiomycetes

Abortiporus, Agaricus, Agrocybe, Albatrellus, Aleurodiscus, Amanita, Amphinema,

Ampulloclitocybe, Amylocorticium, Amylostereum, Anomoporia, Anthurus, Antrodia,

Antrodiella, Aphanobasidium, Armillaria, Arrhenia, Artomyces, Asterostroma, Astraeus,

Athelia, Athelidium, Athelopsis, Aurantiporus, Aureoboletus, Auricularia, Auriscalpium

Baeospora, Bankera, Basidioradulum, Battarraea, Bjerkandera, Bolbitius, Boletopsis,

“This internet site was updated on March 2010”

Boletus, Bondarzewia, Botryohypochnus, Bovista, Bulbillomyces, Byssocorticium, Byssomerulius

Calathella, Calocera, Calocybe, Calvatia, Cantharellus, Ceriporia, Ceriporiopsis, Cerrena, Chalciporus, Cheimonophyllum, Chlorophyllum, Chondrostereum, Chroogomphus, Chrysomphalina, Clathrus, Clavaria, Clavariadelphus, Clavulina, Clavulinopsis, Climacocystis, Climacodon, Clitocybe, Clitocybula, Clitopilus, Collybia, Coltricia, Conferticium, Coniophora, Conocybe, Coprinellus, Coprinopsis, Coprinus, Coriolopsis, Corticium, Cortinarius, Cotylidia, Craterellus, Crepidotus, Crinipellis, Cristinia, Crucibulum, Crustoderma, Crustomyces, Cyathus, Cyndrobasidium, Cyphella, Cystoderma, Cystodermella, Cystolepiota, Cystostereum

Dacrymyces, Dacryobolus, Daedalea, Daedaleopsis, Datronia, Delicatula, Dendrophora, Dentipellis, Dichomitus, Dichostereum, Diplomitoporus, Disciseda, Duportella

Eichleriella, Entoloma, Erythricium, Exidia, Exidiopsis

Faerberia, Fibricium, Fistulina, Flagelloscypha, Flammulaster, Flammulina, Fomes, Fomitopsis

Galerina, Galeropsis, Gamundia, Ganoderma, Gautieria, Geastrum, Gloeocystidiellum, Gloeophyllum, Gloeoporus, Gloiothele, Gomphidius, Gomphus, Grifola, Guepinia, Gymnopilus, Gymnopus, Gyrophanopsis, Gyroporus

Hapalopilus, Hebeloma, Hemimycena, Henningsomyces, Hericium, Heterobasidion, Hohenbuehelia, Hydangium, Hydnellum, Hydnum, Hygrocybe, Hygrophoropsis, Hygrophorus, Hymenochaete, Hyphoderma, Hyphodermella, Hyphodontia, Hypholoma, Hypochnicium, Hypsizygus

Infundibulicybe, Ischnoderma, Inocybe, Inonotus

Jaapia, Junghuhnia

Kavinia, Kuehneromyces

Laccaria, Lacrymaria, Lactarius, Laetiporus, Laricifomes, Laxitextum, Leccinum, Lentaria, Lentinellus, Lentinula, Lentinus, Lenzitella, Lenzites, Lepiota, Lepista, Leptoporus, Leucoagaricus, Leucocoprinus, Leucocortinarius, Leucogaster, Leucogyrophana, Leucopaxillus, Lichenomphalia, Limacella, Litschauerella, Lycoperdon, Lyophyllum

Macrocystidia, Macrolepiota, Macrotyphula, Marasmiellus, Marasmius, Megacollybia, Megalocystidium, Melanogaster, Melanoleuca, Membranomyces, Meripilus, Merismodes, Metulodontia, Montagnea, Mutinus, Mycena, Mycenastrum, Mycetinis, Mycoacia,

Myriostoma, Myxomphalia

Naucoria, Neolentinus, Nidularia

Odontia, Oligoporus, Omphalina, Omphalotus, Onnia, Ossicaulis, Oudemansiella, Oxyporus, Pachykytospora, Panaeolina, Panaeolus, Panellus, Panus, Parasola, Paxillus, Peniophora, Peniophorella, Perenniporia, Phaeolepiota, Phaeolus, Phaeomarasmius, Phallogaster, Phallus, Phanerochaete, Phellinus, Phellodon, Phlebia, Phlebiella, Phlebiopsis, Pholiota, Pholiotina, Phylloporia, Phylloporus, Phyllotopsis, Physisporinus, Piloderma, Piptoporus, Pisolithus, Pleurocybella, Pleurotellus, Pleurotus, Plicaturopsis, Pluteus, Podofomes, Polyporus, Porotheleum, Porphyrellus, Porpomyces, Postia, Psathyrella, Pseudoclitocybe, Pseudocraterellus, Pseudohydnum, Pseudoinonotus, Pseudoomphalina, Pseudotomentella, Psilocybe, Pterula, Pulcherricium, Pycnoporus, Pyrofomes

Radulomyces, Ramaria, Rectipilus, Resupinatus, Rhizopogon, Rhodocollybia, Rhodocybe, Rickenella, Rigidoporus, Russula

Sarcodon, Schizophyllum, Schizopora, Scleroderma, Scopuloides, Scytinostroma, Scytinostromella, Sebacina, Serpula, Setulipes, Sistotrema, Skeletocutis, Sparassis, Sphaerobolus, Spongipellis, Steccherinum, Stereum, Strobilurus, Stropharia, Subulicystidium, Suillus

Tapinella, Tephroclybe, Thanatephorus, Thelephora, Tomentella, Torrendia, Trametes, Trechispora, Tremella, Trichaptum, Tricholoma, Tricholomopsis, Tubaria, Tubulicium, Tubulicrinis, Tulostoma, Tylopilus, Tyromyces

Vararia, Vascellum, Veluticeps, Vesiculomyces, Volvariella, Vuilleminia

Xeromphalina, Xerula, Xylobolus

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