附录 2　各区域大型真菌物种组成与分布。D 即为分布，NEC 为中国东北，FER 为俄罗斯远东，JPN 为日本，KOR 为韩国，MNG 为蒙古国

Appendix 2　Species composition and distribution of macrofungi in each region. D indicates distribution; NEC, Northeast China; FER, Far East of Russia; JPN, Japan; KOR, South Korea; MNG, Mongolia.

一部分

Phy. Ascomycota Caval.-Sm.

Cla. Eurotiomycetes O.E. Erikss. & Winka

Ord. Eurotiales G.W. Martin ex Benny & Kimbr.

Fam. Elaphomycetaceae Tul. ex Paol.

Gen.1 *Elaphomyces* T. Nees

Elaphomyces appalachiensis Linder [D:JPN]

Elaphomyces asahimontanus Kobayasi [D:JPN]

Elaphomyces fragilisporus S. Imai [D:JPN]

Elaphomyces granulatus Fr. [D:FER/KOR/JPN]

Elaphomyces japonicus Lloyd [D:JPN]

Elaphomyces miyabeanus S. Imai [D:JPN]

Elaphomyces muricatus Fr. [D:JPN]

Elaphomyces nikkoensis S. Imai [D:JPN]

Elaphomyces nopporensis S. Imai [D:JPN]

Gen.2 *Pseudotulostoma* O.K. Mill. & T.W. Henkel

Pseudotulostoma japonicum (Kawam. ex Otani) I. Asai, H. Sato & Nara [D:JPN]

Fam. Trichocomaceae E. Fisch.

Gen.3 *Trichocoma* Jungh.

Trichocoma paradoxa Jungh. [D:JPN]

Ord. Sclerococcales Réblová, Unter. & W. Gams

Fam. Dactylosporaceae Bellem. & Hafellner

Gen.4 *Sclerococcum* Fr.

Sclerococcum stygium (Berk. & M.A. Curtis) Olariaga, Teres, J.M. Martín, M. Prieto & Baral [D:FER]

Cla. Leotiomycetes O.E. Erikss. & Winka

Ord. Helotiales Nannf.

Fam. Arachnopezizaceae Hosoya, J.G. Han & Baral

Gen.5 *Arachnopeziza* Fuckel

Arachnopeziza aurata Fuckel [D:KOR]

Arachnopeziza aurelia (Pers.) Fuckel [D:KOR/JPN]

Arachnopeziza cornuta (Ellis) Korf [D:FER]

Arachnopeziza leonina (Schwein.) Dennis [D:JPN]

Fam. Bryoglossaceae Ekanayaka & K.D. Hyde

Gen.6 *Bryoglossum* Redhead

Bryoglossum gracile (P. Karst.) Redhead [D:JPN]

Gen.7 *Neocudoniella* S. Imai

Neocudoniella albiceps (Peck) Korf [D:JPN]

Fam. Calloriaceae Baral & G. Marson

Gen.8 *Calloria* Fr.

Calloria urticae (Pers.) J. Schröt. ex Rehm [D:FER]

Fam. Cenangiaceae Rehm

Gen.9 *Cenangium* Fr.

Cenangium acuum Cooke & Peck [D:KOR]

Cenangium ferruginosum Fr. [D:KOR]

Gen.10 *Chlorencoelia* J.R. Dixon

Chlorencoelia biguttulata H.D. Zheng & W.Y. Zhuang [D:NEC]

Chlorencoelia macrospora F. Ren & W.Y. Zhuang [D:FER]

Chlorencoelia torta (Schwein.) J.R. Dixon [D:NEC/FER]

Chlorencoelia versiformis (Pers.) J.R. Dixon [D:NEC/FER/KOR/JPN]

Gen.11 *Encoelia* (Fr.) P. Karst.

Encoelia furfuracea (Roth) P. Karst. [D:FER]

Gen.12 *Heyderia* Link

Heyderia abietis (Fr.) Link [D:NEC/JPN]

Fam. Chlorociboriaceae Baral & P.R. Johnst.

Gen.13 *Chlorociboria* Baral & P.R. Johnst.

Chlorociboria aeruginascens (Nyl.) Kanouse [D:NEC/FER/KOR/JPN]

Chlorociboria aeruginosa (Oeder) Seaver ex C.S. Ramamurthi, Korf & L.R. Batra

[D:FER/KOR/JPN]

Chlorociboria omnivirens (Berk.) J.R. Dixon [D:NEC/JPN]

Fam. Chlorospleniaceae Ekanayaka & K.D. Hyde

Gen.14 *Chlorosplenium* Fr.

Chlorosplenium chlora (Schwein.) M.A. Curtis [D:KOR]

Fam. Cordieritidaceae Sacc.

Gen.15 *Ameghiniella* Speg.

Ameghiniella frondosa (Kobayasi) Pärtel, Baral, F.M. Yu & Q. Zhao [D:NEC/JPN]

Gen.16 *Cordierites* Mont.

Cordierites boedijnii W.Y. Zhuang [D:FER]

Gen.17 *Diplocarpa* Massee

Diplocarpa irregularis (Schwein.) Baral & Pärtel [D:FER/JPN]

Gen.18 *Ionomidotis* E.J. Durand ex Thaxt.

Ionomidotis fulvotingens (Berk. & M.A. Curtis) E.K. Cash [D:NEC/FER]

Fam. Dermateaceae Fr.

Gen.19 *Dermea* Fr.

Dermea ariae (Pers.) Tul. & C. Tul. ex P. Karst. [D:FER]

Dermea cerasi (Pers.) Fr. [D:FER/JPN]

Gen.20 *Pezicula* Tul. & C. Tul.

Pezicula acericola (Peck) Peck ex Sacc. & Berl. [D:NEC/FER]

Pezicula carpinea (Pers.) Tul. ex Fuckel [D:FER]

Pezicula ocellata (Pers.) Seaver [D:FER]

Fam. Gelatinodiscaceae S.E. Carp.

Gen.21 *Ascocoryne* J.W. Groves & D.E. Wilson

Ascocoryne cylichnium (Tul.) Korf [D:NEC/FER/KOR/JPN]

Ascocoryne lilacina (Fr.) Baral, Helleman, Matočec, I. Kušan, Polhorský & E. Weber [D:FER]

Ascocoryne sarcoides (Jacq.) J.W. Groves & D.E. Wilson [D:NEC/FER]

Ascocoryne turficola (Boud.) Korf [D:FER]

Gen.22 *Ascotremella* Seaver

Ascotremella faginea (Peck) Seaver [D:FER]

Ascotremella turbinata Seaver [D:FER]

Gen.23 *Chloroscypha* Seaver

Chloroscypha chamaecyparidis (Sawada) Tak. Kobay. [D:KOR]

Gen.24 *Neobulgaria* Petr.

Neobulgaria pura (Pers.) Petr. [D:FER/KOR/JPN]

Gen.25 *Ombrophila* Fr.

Ombrophila janthina (Fr.) Sacc. [D:FER]

Ombrophila pileata P. Karst. [D:FER]

Fam. Godroniaceae Baral

Gen.26 *Godronia* Moug. & Lév.

Godronia spiraeae (Rehm) Seaver [D:FER]

Godronia uberiformis J.W. Groves [D:FER]

Fam. Hamatocanthoscyphaceae Ekanayaka & K.D. Hyde

Gen.27 *Ciliolarina* Svrček

Ciliolarina neglecta Huhtinen [D:FER]

Gen.28 *Hamatocanthoscypha* Svrček

Hamatocanthoscypha uncipila (Le Gal) Huhtinen [D:NEC/FER]

Gen.29 *Psilachnum* Höhn.

Psilachnum chrysostigmum (Fr.) Raitv. [D:NEC]

Psilachnum inquilinum (P. Karst.) Dennis [D:FER]

Fam. Helotiaceae Rehm

Gen.30 *Bisporella* Sacc.

Bisporella subpallida (Rehm) Dennis [D:FER]

Gen.31 *Bulgariella* P. Karst.

Bulgariella pulla (Fr.) P. Karst. [D:FER]

Gen.32 *Cyathicula* De Not.

Cyathicula coronata (Bull.) P. Karst. [D:FER/JPN]

Cyathicula cyathoidea (Bull.) Thüm. [D:FER/KOR]

Gen.33 *Dicephalospora* Spooner

Dicephalospora rufocornea (Berk. & Broome) Spooner [D:MNG/JPN]

二部分

Gen.34 *Hymenoscyphus* Gray

Hymenoscyphus albidus (Gillet) W. Phillips [D:FER]

Hymenoscyphus calyculus (Fr.) W. Phillips [D:FER]

Hymenoscyphus caudatus (P. Karst.) Dennis [D:FER]

Hymenoscyphus epiphyllus (Pers.) Rehm ex Kauffman [D:FER]

Hymenoscyphus fraternus (Peck) Dennis [D:MNG]

Hymenoscyphus fraxineus (T. Kowalski) Baral, Queloz & Hosoya [D:NEC]

Hymenoscyphus fructigenus (Bull.) Gray [D:NEC/FER/JPN]

Hymenoscyphus imberbis (Bull.) Dennis [D:FER]

Hymenoscyphus phyllogenus (Rehm) Kuntze [D:FER]

Hymenoscyphus repandus (W. Phillips) Dennis [D:FER/JPN]

Hymenoscyphus robustior (P. Karst.) Dennis [D:FER]

Hymenoscyphus salicellus (Fr.) Dennis [D:FER]

Hymenoscyphus scutula (Pers.) W. Phillips [D:FER/KOR]

Hymenoscyphus subferrugineus (Nyl.) Dennis [D:FER]

Gen.35 *Tatraea* Svrček

Tatraea macrospora (Peck) Baral [D:NEC/FER/KOR]

Fam. Hyaloscyphaceae Nannf.

Gen.36 *Amicodisca* Svrček

Amicodisca virella (P. Karst.) Huhtinen [D:FER]

Gen.37 *Hyaloscypha* Boud.

Hyaloscypha albohyalina (P. Karst.) Boud. [D:NEC/FER]

Hyaloscypha herbarum Velen. [D:FER]

Hyaloscypha leuconica (Cooke ex Stev.) Nannf. [D:JPN]

Incertae sedis

Gen.38 *Ascoclavulina* Otani

Ascoclavulina sakaii Otani [D:FER/JPN]

Gen.39 *Cistella* Quél.

Cistella fugiens (W. Phillips) Matheis [D:FER]

Cistella geelmuydenii Nannf. [D:NEC]

Cistella orientalis Raitv. [D:FER]

Gen.40 *Encoeliopsis* Nannf.

Encoeliopsis rhododendri (Ces.) Nannf. [D:FER]

Gen.41 *Gorgoniceps* (P. Karst.) P. Karst.

Gorgoniceps aridula (P. Karst.) P. Karst. [D:FER]

Gorgoniceps pumilionis (Rehm) Rehm [D:FER]

Gen.42 *Hysteropezizella* Höhn.

Hysteropezizella diminuens (P. Karst.) Nannf. [D:FER]

Gen.43 *Piceomphale* Svrček

Piceomphale pinicola (Y. Otani) Yan J. Zhao & Hosoya [D:JPN]

Gen.44 *Podophacidium* Niessl

Podophacidium xanthomelum (Pers.) Kavina [D:FER/JPN]

Fam. Lachnaceae Raitv.

Gen.45 *Albotricha* Raitv.

Albotricha acutipila (P. Karst.) Raitv. [D:JPN]

Albotricha albotestacea (Desm.) Raitv. [D:FER/JPN]

Albotricha changbaiensis W.Y. Zhuang & Z.H. Yu [D:NEC]

Albotricha kamtschatica (Raitv.) Raitv. [D:FER]

Albotricha minuta Raitv. [D:NEC]

Gen.46 *Belonidium* Mont. & Durieu

Belonidium pruinosum (Jerdon ex Berk. & Broome) Rehm [D:JPN]

Gen.47 *Brunnipila* Baral

Brunnipila calyculiformis (Schumach.) Baral [D:NEC]

Brunnipila cannabina (Rehm) Raitv. & Järv [D:FER]

Brunnipila clandestina (Bull.) Baral [D:FER/KOR]

Brunnipila fuscescens (Pers.) Baral [D:FER]

Brunnipila palearum (Desm.) Baral [D:FER]

Brunnipila pseudocannabina (Raitv.) Tochihara, Sasagawa & Hosoya [D:FER]

Gen.48 *Capitotricha* (Raitv.) Baral

Capitotricha bicolor (Bull.) Baral [D:FER/KOR]

Gen.49 *Dasyscyphella* Tranzschel

Dasyscyphella dryina (P. Karst.) Raitv. [D:NEC]

Dasyscyphella nivea (R. Hedw.) Raitv. [D:NEC/FER/JPN]

Gen.50 *Erioscyphella* Kirschst.

Erioscyphella abnormis (Mont.) Baral, Šandová & B. Perić [D:NEC/FER]

Erioscyphella boninensis Tochihara & Hosoya [D:JPN]

Erioscyphella hainanensis (W.Y. Zhuang & Zheng Wang) Hosoya & Tochihara [D:JPN]

Erioscyphella insulae Tochihara & Hosoya [D:JPN]

Erioscyphella otanii Tochihara [D:JPN]

Erioscyphella papillaris Tochihara [D:JPN]

Erioscyphella paralushanensis Tochihara & Hosoya [D:JPN]

Erioscyphella sasibrevispora Tochihara & Hosoya [D:JPN]

Erioscyphella sinensis (Z.H. Yu & W.Y. Zhuang) Sasagawa, Tochihara & Hosoya [D:JPN]

Gen.51 *Incrucipulum* Baral

Incrucipulum ciliare (Schrad. ex J.F. Gmel.) Baral [D:FER/JPN]

Incrucipulum longispineum Sasagawa & Hosoya [D:JPN]

Incrucipulum radiatum Sasagawa & Hosoya [D:JPN]

Incrucipulum sinegoricum (Raitv.) Raitv. [D:FER/JPN]

Gen.52 *Lachnellula* P. Karst.

Lachnellula calyciformis (Batsch) Dharne [D:FER/KOR/JPN]

Lachnellula ciliata Dennis [D:FER]

Lachnellula fuckelii (Bres. ex Rehm) Dharne [D:FER]

Lachnellula laricis (Rehm) Dharne [D:NEC]

Lachnellula minuscula Raitv. [D:FER]

Lachnellula pulverulenta (Lib.) Sasagawa & Hosoya [D:JPN]

Lachnellula subtilissima (Cooke) Dennis [D:NEC]

Lachnellula willkommii (R. Hartig) Dennis [D:JPN]

Gen.53 *Lachnum* Retz.

Lachnum alnifolium (Raitv.) Raitv. [D:FER]

Lachnum angustum W.Y. Zhuang & M. Ye [D:NEC]

Lachnum apalum (Berk. & Broome) Nannf. [D:JPN]

Lachnum asiaticum (Otani) Raitv. [D:JPN]

Lachnum caricis (Desm.) Höhn. [D:FER]

Lachnum carneolum (Sacc.) Rehm [D:FER]

Lachnum clavigerum (Svrček) Raitv. [D:FER]

Lachnum diminutum (Roberge ex Desm.) Rehm [D:JPN]

Lachnum eleutherococci Raitv. [D:FER]

Lachnum imbecille P. Karst. [D:FER]

Lachnum macroparaphysatum Raitv. [D:FER]

Lachnum marginatum (Sacc.) Raitv. [D:FER]

Lachnum mollissimum (Fuckel) P. Karst. [D:FER/JPN]

Lachnum nudipes (Fuckel) Nannf. [D:FER/JPN]

Lachnum papyraceum (P. Karst.) P. Karst. [D:FER]

Lachnum perplexum (Boud.) Korf [D:FER]

Lachnum pritzelianum (Henn.) Spooner [D:JPN]

Lachnum pudibundum (Quél.) J. Schröt. [D:FER]

Lachnum pudicelloides (Raitv.) Raitv. [D:FER]

Lachnum pygmaeum (Fr.) Bres. [D:FER]

Lachnum rhodoleucum (Sacc.) Rehm [D:FER]

Lachnum rhytismatis (W. Phillips) Nannf. [D:FER]

Lachnum roridum (Wallr.) Rehm [D:FER/JPN]

Lachnum salicariae (Rehm) Raitv. [D:FER]

Lachnum sesleriae (Svrček) Baral [D:FER]

Lachnum soppittii (Massee) Raitv. [D:FER]

Lachnum sulphureum (Fuckel) P. Karst. [D:KOR]

Lachnum tenuissimum (Quél.) Korf & W.Y. Zhuang [D:FER]

Lachnum virgineum (Batsch) P. Karst. [D:NEC/FER/JPN]

Gen.54 *Neodasyscypha* Suková & Spooner

Neodasyscypha cerina (Pers.) Spooner [D:FER]

Gen.55 *Perrotia* Boud.

Perrotia flammea (Alb. & Schwein.) Boud. [D:FER]

Gen.56 *Proliferodiscus* J.H. Haines & Dumont

Proliferodiscus dingleyae Spooner [D:NEC]

Fam. Mitrulaceae Rchb.

Gen.57 *Mitrula* Fr.

Mitrula aurea S.E. Cho, H.S. Kim, Kwag & Chang S. Kim [D:KOR]

Mitrula paludosa Fr. [D:KOR/JPN]

Fam. Mollisiaceae Rehm

Gen.58 *Mollisia* (Fr.) P. Karst.

Mollisia amenticola (Sacc.) Rehm [D:FER/JPN]

Mollisia caesia (Fuckel) Sacc. [D:FER]

Mollisia cinerea (Batsch) P. Karst. [D:NEC/FER/KOR/JPN]

Mollisia discolor (Mont. & Fr.) W. Phillips [D:FER]

Mollisia hydrophila (P. Karst.) Sacc. [D:FER]

Mollisia ligni (Desm.) P. Karst. [D:FER]

Mollisia polygoni (Rehm ex G. Winter) Gillet [D:FER]

Mollisia protrusa (Berk. & M.A. Curtis) Baral [D:JPN]

Mollisia pulla (W. Phillips & Keith) Baral [D:FER]

Gen.59 *Neobelonopsis* Itagaki & Hosoya

Neobelonopsis bicolor Itagaki & Hosoya [D:JPN]

Neobelonopsis cinnabarina Itagaki & Hosoya [D:JPN]

Neobelonopsis didymospora Itagaki & Hosoya [D:JPN]

Neobelonopsis microspora Itagaki & Hosoya [D:JPN]

Gen.60 *Niptera* Fr.

Niptera melanophaea Rehm [D:FER]

Niptera melatephra (Lasch) Rehm [D:FER]

Niptera ramincola Rehm [D:FER]

Gen.61 *Tapesia* (Pers.) Fuckel

Tapesia culcitella (Cooke & Ellis) Sacc. [D:FER]

Tapesia fusca (Pers.) Fuckel [D:FER/KOR/JPN]

Tapesia lividofusca (Fr.) Rehm [D:FER]

Tapesia mollisioides (Schwein.) Sacc. [D:FER]

Gen.62 *Trichobelonium* (Sacc.) Rehm

Trichobelonium albobarbatum Itagaki & Hosoya [D:JPN]

Trichobelonium kneiffii (Wallr.) J. Schröt. [D:FER]

Trichobelonium miscanthi Itagaki & Hosoya [D:JPN]

Fam. Pezizellaceae Velen.

Gen.63 *Allophylaria* P. Karst.

Allophylaria subhyalina (Rehm) Baral [D:FER]

Gen.64 *Calycellina* Höhn.

Calycellina lachnobrachya (Desm.) Baral [D:FER]

Calycellina phalaridis (Lib. ex P. Karst.) Höhn. [D:FER]

Calycellina populina (Fuckel) Höhn. [D:NEC]

Calycellina pseudopuberula (Graddon) Baral [D:JPN]

Calycellina punctata (Fr.) Lowen & Dumont [D:FER/KOR]

Calycellina viridiflavescens (Rehm) Raitv. [D:FER]

Gen.65 *Calycina* Nees ex Gray

Calycina citrina (Hedw.) Gray [D:FER/MNG/KOR/JPN]

Calycina claroflava (Grev.) Kuntze [D:NEC/KOR/JPN]

Calycina discreta (P. Karst.) Kuntze [D:FER]

Calycina herbarum (Pers.) Gray [D:FER]

Calycina subtilis (Fr.) Baral [D:FER]

Gen.66 *Mollisina* Höhn. ex Weese

Mollisina uncinata Arendh. & R. Sharma [D:FER]

Gen.67 *Rodwayella* Spooner

Rodwayella citrinula (P. Karst.) Spooner [D:FER]

Gen.68 *Velutaria* Fuckel

Velutaria lignicola (Preuss) Rehm [D:FER]

Fam. Pyrenopezizaceae Velen.

Gen.69 *Pyrenopeziza* Fuckel

Pyrenopeziza ampelina (Pass.) Rehm [D:FER]

Pyrenopeziza arundinacea (DC.) Boud. [D:FER]

Pyrenopeziza atrata (Pers.) Fuckel [D:FER]

Pyrenopeziza benesuada (Tul.) Gremmen [D:FER]

Pyrenopeziza carduorum Rehm [D:FER]

Pyrenopeziza nervicola (Desm.) Boud. [D:JPN]

Pyrenopeziza orientalipetiolaris Itagaki & Hosoya [D:JPN]

Pyrenopeziza pumilionis (Rehm) Boud. [D:FER]

Fam. Rutstroemiaceae Holst-Jensen, L.M. Kohn & T. Schumach.

Gen.70 *Lanzia* Sacc.

Lanzia echinophila (Bull.) Korf [D:JPN]

Gen.71 *Rutstroemia* P. Karst.

Rutstroemia bolaris (Batsch) Rehm [D:NEC/FER]

Rutstroemia conformata (P. Karst.) Nannf. [D:NEC/FER]

Rutstroemia juglandis Raitv. [D:NEC/FER]

Rutstroemia petiolorum (Roberge ex Desm.) W.L. White [D:NEC/FER/KOR]

Gen.72 *Scleromitrula* S. Imai

Scleromitrula shiraiana (Henn.) S. Imai [D:KOR/JPN]

Fam. Sclerotiniaceae Whetzel

Gen.73 *Ciboria* Fuckel

Ciboria amentacea (Balb.) Fuckel [D:KOR]

Ciboria americana E.J. Durand [D:KOR]

Ciboria batschiana (Zopf) N.F. Buchw. [D:JPN]

Ciboria caucus (Rebent.) Fuckel [D:FER]

Ciboria polygoni-vivipari Eckblad [D:FER]

Ciboria rufofusca (O. Weberb.) Sacc. [D:FER/JPN]

Ciboria shiraiana (Henn.) Whetzel [D:KOR/JPN]

Gen.74 *Ciborinia* Whetzel

Ciborinia camelliae L.M. Kohn [D:JPN]

Ciborinia foliicola (E.K. Cash & R.W. Davidson) Whetzel [D:FER]

Gen.75 *Dumontinia* L.M. Kohn

Dumontinia tuberosa (Bull.) L.M. Kohn [D:NEC/KOR/JPN]

Gen.76 *Sclerotinia* Fuckel

Sclerotinia minor Jagger, J. Agric. Res. [D:KOR]

Sclerotinia miyabeana Hanzawa [D:KOR]

Sclerotinia sclerotiorum (Lib.) de Bary [D:FER/KOR]

Gen.77 *Stromatinia* (Boud.) Prill.

Stromatinia rapulum (Bull.) Boud. [D:JPN]

Fam. Solenopeziaceae Ekanayaka & K.D. Hyde

Gen.78 *Lasiobelonium* Ellis & Everh.

Lasiobelonium belanense (Svrček) Raitv. [D:FER]

Lasiobelonium boreale (Ellis & Holw.) Raitv. [D:FER]

Lasiobelonium diervillae Raitv. [D:FER]

Lasiobelonium horridulum (Desm.) Dougoud [D:FER]

Gen.79 *Trichopezizella* Dennis ex Raitv.

Trichopezizella barbata (Kunze ex Fr.) Raitv. [D:FER]

Trichopezizella japonica (Syd. & P. Syd.) Tochihara & Hosoya [D:JPN]

Fam. Tricladiaceae P.R. Johnst. & Baschien

Gen.80 *Cudoniella* Sacc.

Cudoniella acicularis (Bull.) J. Schröt. [D:KOR]

Cudoniella clavus (Alb. & Schwein.) Dennis [D:KOR/JPN]

Gen.81 *Graddonia* Dennis

Graddonia coracina (Bres.) Dennis [D:FER]

Fam. Vibrisseaceae Korf

Gen.82 *Vibrissea* Fr.

Vibrissea leptospora (Berk. & Broome) W. Phillips [D:JPN]

Vibrissea truncorum (Alb. & Schwein.) Fr. [D:KOR/JPN]

Ord. Leotiales Korf & Lizoň

Fam. Leotiaceae Corda

Gen.83 *Leotia* Pers.

Leotia atrovirens Pers. [D:KOR]

Leotia chlorocephala Schwein. [D:KOR]

Leotia lubrica (Scop.) Pers. [D:NEC/FER/KOR/JPN]

Leotia marcida Pers. [D:NEC/FER]

Leotia rutilans (S. Imai & Minakata) S. Imai [D:JPN]

Gen.84 *Microglossum* Gillet

Microglossum fumosum (Peck) E.J. Durand [D:NEC/JPN]

Microglossum longisporum E.J. Durand [D:NEC/JPN]

Microglossum olivaceum (Pers.) Gillet [D:NEC/FER/JPN]

Microglossum rufum (Schwein.) Underw. [D:NEC/FER/KOR/JPN]

Microglossum viride (Schrad. ex J.F. Gmel.) Gillet [D:FER/KOR/JPN]

Fam. Tympanidaceae Baral & Quijada

Gen.85 *Tympanis* Tode

Tympanis alnea (Pers.) Fr. [D:FER]

Tympanis hypopodia Nyl. [D:FER]

Tympanis spermatiospora (Nyl.) Nyl. [D:FER]

Ord. Marthamycetales P.R. Johnst. & Baral

Fam. Marthamycetaceae Baral, Lantz, Hustad & Minter

Gen.86 *Propolis* (Fr.) Corda

Propolis farinosa (Pers.) Fr. [D:FER/JPN]

Ord. Phacidiales Bessey

Fam. Phacidiaceae Fr.

Gen.87 *Bulgaria* Fr.

Bulgaria inquinans (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Bulgaria prunicola Syd. & P. Syd. [D:JPN]

Ord. Rhytismatales M.E. Barr ex Minter

Fam. Cudoniaceae P.F. Cannon

Gen.88 *Cudonia* Fr.

Cudonia circinans (Pers.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Cudonia confusa Bres. [D:KOR]

Cudonia helvelloides S. Ito & S. Imai [D:NEC/KOR/JPN]

Cudonia japonica Yasuda [D:NEC/KOR/JPN]

Cudonia mongolica T. Bau & Burenbaatar [D:MNG]

Gen.89 *Pachycudonia* S. Imai

Pachycudonia constrictospora (S. Ito & S. Imai) S. Imai [D:JPN]

Pachycudonia monticola (Mains) S. Imai [D:FER]

Gen.90 *Spathularia* Pers.

Spathularia flavida Pers. [D:NEC/FER/MNG/KOR/JPN]

Gen.91 *Spathulariopsis* Maas Geest.

Spathulariopsis velutipes (Cooke & Farl.) Maas Geest. [D:NEC/KOR/JPN]

Fam. Rhytismataceae Chevall.

Gen.92 *Colpoma* Wallr.

Colpoma quercinum (Pers.) Wallr. [D:NEC/FER]

Gen.93 *Discocainia* J. Reid & A. Funk

Discocainia treleasei (Sacc.) J. Reid & A. Funk [D:FER]

Gen.94 *Tryblidiopsis* P. Karst.

Tryblidiopsis pinastri (Pers.) P. Karst. [D:FER]

Ord. Thelebolales Haeckel

Fam. Holwayaceae Quijada, Matočec & I. Kušan

Gen.95 *Holwaya* Sacc.

Holwaya mucida (Schulzer) Korf & Abawi [D:FER/JPN]

Cla. Geoglossomycetes Zheng Wang, C.L. Schoch & Spatafora

Ord. Geoglossales Zheng Wang, C.L. Schoch & Spatafora

Fam. Geoglossaceae Corda

Gen.96 *Geoglossum* Pers.

Geoglossum atropurpureum (Batsch) Pers. [D:NEC/FER/JPN]

Geoglossum cookeanum Nannf. ex Minter & P.F. Cannon [D:NEC]

Geoglossum difforme Fr. [D:JPN]

Geoglossum fallax E.J. Durand [D:NEC/FER/JPN]

Geoglossum fallax var. *fallax* E.J. Durand [D:JPN]

Geoglossum glabrum Pers. [D:NEC/FER/KOR]

Geoglossum glabrum var. *glabrum* Pers. [D:JPN]

Geoglossum japonicum S. Imai [D:JPN]

Geoglossum paludosum (Pers.) E.J. Durand [D:NEC]

Geoglossum peckianum Cooke [D:KOR]

Geoglossum pumilum G. Winter [D:NEC/JPN]

Geoglossum simile Peck [D:NEC/KOR/JPN]

Geoglossum subdifforme Chang S. Kim [D:KOR]

Geoglossum umbratile Sacc. [D:NEC/FER/JPN]

Gen.97 *Glutinoglossum* Hustad, A.N. Mill., Dentinger & P.F. Cannon

Glutinoglossum glutinosum (Pers.) Hustad, A.N. Mill., Dentinger & P.F. Cannon [D:NEC/FER/JPN]

Gen.98 *Hemileucoglossum* Arauzo

Hemileucoglossum alveolatum (E.J. Durand ex Rehm) Arauzo [D:FER/JPN]

Gen.99 *Sabuloglossum* Hustad, A.N. Mill., Dentinger & P.F. Cannon

Sabuloglossum arenarium (Rostr.) Hustad, A.N. Mill., Dentinger & P.F. Cannon [D:JPN]

Gen.100 *Trichoglossum* Boud.

Trichoglossum farlowii (Cooke) E.J. Durand [D:NEC/JPN]

Trichoglossum hirsutum (Pers.) Boud. [D:NEC/FER/KOR/JPN]

Trichoglossum jejuense S.H. Lee [D:KOR]

Trichoglossum variabile (E.J. Durand) Nannf. [D:NEC/JPN]

Trichoglossum walteri (Berk.) E.J. Durand [D:NEC/KOR/JPN]

Incertae sedis

Incertae sedis

Gen.101 *Sarcoleotia* S. Ito & S. Imai

Sarcoleotia globosa (Sommerf.) Korf [D:FER/JPN]

Cla. Neolectomycetes O.E. Erikss. & Winka

Ord. Neolectales Landvik, O.E. Erikss., Gargas & P. Gust.

Fam. Neolectaceae Redhead

Gen.102 *Neolecta* Speg.

Neolecta irregularis (Peck) Korf & J.K. Rogers. [D:NEC/FER/JPN]

Neolecta vitellina (Bres.) Korf & J.K. Rogers [D:JPN]

Cla. Orbiliomycetes O.E. Erikss. & Baral

Ord. Orbiliales Baral, O.E. Erikss., G. Marson & E. Weber

Fam. Orbiliaceae Nannf.

Gen.103 *Hyalorbilia* Baral & G. Marson

Hyalorbilia inflatula (P. Karst.) Baral & G. Marson [D:JPN]

Gen.104 *Orbilia* Fr.

Orbilia auricolor (A. Bloxam) Sacc. [D:FER]

Orbilia coccinella Fr. [D:KOR]

Orbilia concoloris Baral & G. Marson [D:MNG]

Orbilia epipora (Nyl.) P. Karst. [D:FER]

Orbilia limpida Kobayasi [D:JPN]

Orbilia luteorubella (Nyl.) P. Karst. [D:JPN]

Orbilia microclava Velen. [D:FER]

Orbilia rectispora (Boud.) Baral [D:FER]

Orbilia sarraziniana Boud. [D:FER/KOR/JPN]

Orbilia umbilicata Baral, Y. Zhang bis & K.Q. Zhang [D:JPN]

Orbilia xanthostigma (Fr.) Fr. [D:FER/KOR/JPN]

Cla. Pezizomycetes O.E. Erikss. & Winka

Ord. Pezizales J. Schröt.

Fam. Ascobolaceae Boud. ex Sacc.

Gen.105 *Ascobolus* Pers. ex J.F. Gmel.

Ascobolus carbonarius P. Karst. [D:NEC]

Ascobolus denudatus Fr. [D:JPN]

Ascobolus furfuraceus Pers. [D:FER/JPN]

Ascobolus hansenii M.D. Paulsen & Dissing [D:JPN]

Fam. Ascodesmidaceae J. Schröt.

Gen.106 *Lasiobolus* Sacc.

Lasiobolus papillatus (Pers.) Sacc. [D:JPN]

Fam. Caloscyphaceae Harmaja

Gen.107 *Caloscypha* Boud.

Caloscypha fulgens (Pers.) Boud. [D:FER/KOR/JPN]

Fam. Chorioactidaceae Pfister

Gen.108 *Chorioactis* Kupfer ex Eckblad

Chorioactis geaster (Peck) Kupfer ex Eckblad [D:JPN]

Gen.109 *Desmazierella* Lib.

Desmazierella acicola Lib. [D:JPN]

Gen.110 *Trichaleurina* Rehm

Trichaleurina celebica (Henn.) M. Carbone, Agnello & P. Alvarado [D:KOR/JPN]

Fam. Discinaceae Benedix

Gen.111 *Discina* (Fr.) Fr.

Discina ancilis (Pers.) Sacc. [D:FER/KOR/JPN]

Discina caroliniana (Bosc) Eckblad [D:FER]

Discina gigas (Krombh.) Eckblad [D:NEC/FER/KOR/JPN]

Gen.112 *Gyromitra* Fr.

Gyromitra esculenta Pers. ex Fr. [D:NEC/FER/MNG/KOR/JPN]

Gyromitra sphaerospora (Peck) Sacc. [D:NEC/FER/JPN]

Gen.113 *Hydnotrya* Berk. & Broome

Hydnotrya michaelis (E. Fisch.) Trappe [D:NEC]

Hydnotrya tulasnei (Berk.) Berk. & Broome [D:NEC/JPN]

Gen.114 *Neogyromitra* S. Imai

Neogyromitra grandis (Cumino) Dirks, Methven & A.N. Mill. [D:NEC]

Neogyromitra parma (J. Breitenb. & Maas Geest.) Dirks, Methven & A.N. Mill. [D:JPN]

Neogyromitra ussuriensis (Lj.N. Vassiljeva) Raitv. [D:FER]

Gen.115 *Paragyromitra* X.C. Wang & W.Y. Zhuang

Paragyromitra ambigua (P. Karst.) X.C. Wang & W.Y. Zhuang [D:NEC/FER]

Paragyromitra infula (Schaeff.) X.C. Wang & W.Y. Zhuang [D:NEC/FER/KOR/JPN]

Paragyromitra tianshanensis (X.C. Wang & W.Y. Zhuang) X.C. Wang & W.Y. Zhuang [D:KOR]

Gen.116 *Pseudorhizina* Jacz.

Pseudorhizina discinoides (S. Imai) Dirks, Methven & A.N. Mill. [D:JPN]

Fam. Helvellaceae Fr.

Gen.117 *Balsamia* Vittad.

Balsamia oblonga Koh. Yamam., N. Endo, Ohmae & Orihara [D:JPN]

Gen.118 *Barssia* Gilkey

Barssia yezomontana (Kobayasi) Trappe [D:JPN]

Gen.119 *Dissingia* K. Hansen, X.H. Wang & T. Schumach.

Dissingia leucomelaena (Pers.) K. Hansen & X.H. Wang [D:NEC/JPN]

Gen.120 *Helvella* L.

Helvella acetabulum (L.) Quél. [D:NEC/FER/JPN]

Helvella albipes Fuckel [D:NEC]

Helvella atra Oeder [D:NEC/FER/KOR/JPN]

Helvella borealis X.C. Wang & W.Y. Zhuang [D:NEC]

Helvella brunneogaleriformis L. Fan, N. Mao & Y.Y. Xu [D:NEC]

Helvella chinensis (Velen.) Nannf. & L. Holm [D:FER]

Helvella compressa (Snyder) N.S. Weber [D:KOR]

Helvella corium (O. Weberb.) Massee [D:FER/JPN]

Helvella costifera Nannf. [D:KOR]

Helvella crispa (Scop.) Fr. [D:MNG]

Helvella cupuliformis Dissing & Nannf. [D:NEC/KOR]

Helvella elastica Bull. [D:NEC/FER/KOR/JPN]

Helvella ephippioides S. Imai [D:KOR]

Helvella ephippium Lév. [D:NEC/FER/KOR/JPN]

Helvella exarata Gillet [D:FER]

Helvella fibrosa (Wallr.) Korf [D:NEC/FER/KOR]

Helvella fusca Gillet [D:NEC]

Helvella glutinosa B. Liu & J.Z. Cao [D:NEC]

Helvella griseomacropus S.Y. Park & Hwayong Lee [D:KOR]

Helvella japonica Skrede, S.B. Løken & T. Schumach. [D:JPN]

Helvella jiaohensis J.Z. Cao, L. Fan & B. Liu [D:NEC]

Helvella jilinensis J.Z. Cao, L. Fan & B. Liu [D:NEC]

Helvella koreana S.Y. Park & Hwayong Lee [D:KOR]

Helvella lactea Boud. [D:NEC]

Helvella lacunosa Afzel. [D:NEC/FER/MNG/KOR/JPN]

Helvella latispora Boud. [D:NEC]

Helvella macropus (Pers.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Helvella palustris Peck [D:NEC]

Helvella pezizoides Afzel. [D:NEC/FER/KOR]

Helvella pseudoelastica L. Fan, Y.Y. Xu & H. Zhou [D:KOR]

Helvella pulla Holmsk. [D:NEC]

Helvella queletiana Sacc. & Traverso [D:JPN]

Helvella solitaria P. Karst. [D:NEC/JPN]

Helvella vulgata X.C. Wang & W.Y. Zhuang [D:NEC]

Helvella zhongtiaoensis J.Z. Cao & B. Liu [D:NEC]

Gen.121 *Paxina* Kuntze

Paxina queletii (Bres.) Stangl [D:FER]

Gen.122 *Wynnella* Boud.

Wynnella auricula (Schaeff.) Boud. [D:JPN]

Fam. Karstenellaceae Harmaja

Gen.123 *Karstenella* Harmaja

Karstenella vernalis Harmaja [D:FER]

Fam. Morchellaceae Rchb.

Gen.124 *Disciotis* Boud.

Disciotis venosa (Pers.) Arnould [D:NEC/FER/KOR/JPN]

Gen.125 *Imaia* Trappe & Kovács

Imaia gigantea (S. Imai) Trappe & Kovács [D:JPN]

Gen.126 *Morchella* Dill. ex Pers.

Morchella angusticeps Peck [D:NEC/JPN]

Morchella costata Pers. [D:NEC/JPN]

Morchella crassipes (Vent.) Pers. [D:NEC/FER/KOR/JPN]

Morchella deliciosa Fr. [D:NEC/JPN]

Morchella elata Fr. [D:NEC/FER/JPN]

Morchella esculenta (L.) Pers. [D:NEC/FER/KOR/JPN]

Morchella gigas (Batsch) Pers. [D:JPN]

Morchella miyabeana S. Imai [D:JPN]

Morchella nipponensis Clowez, Izumi, Lamiable, Shibakusa & P. Alvarado [D:JPN]

Morchella patula var. *patula* Pers. [D:JPN]

Morchella semilibera DC. [D:FER/KOR/JPN]

Morchella smithiana Cooke [D:JPN]

Morchella spongiola Boud. [D:NEC]

Morchella vulgaris (Pers.) Gray [D:FER]

Gen.127 *Verpa* Sw.

Verpa bohemica (Krombh.) J. Schröt. [D:NEC/FER/JPN]

Verpa conica (O.F. Müll.) Sw. [D:FER/JPN]

Verpa digitaliformis Pers. [D:NEC/JPN]

Verpa digitaliformis var. *digitaliformis* Pers. [D:JPN]

Fam. Otideaceae Eckblad

Gen.128 *Ascosparassis* Kobayasi

Ascosparassis heinricheri (Bres.) Pfister [D:JPN]

Gen.129 *Otidea* (Pers.) Bonord.

Otidea alutacea (Pers.) Massee [D:NEC/FER/KOR/JPN]

Otidea aspera L. Fan & Y.Y. Xu [D:NEC]

Otidea bomiensis L. Fan & Y.Y. Xu [D:NEC]

Otidea bufonia (Pers.) Boud. [D:NEC/KOR/JPN]

Otidea cantharella (Fr.) Quél. [D:FER]

Otidea cochleata (L.) Fuckel [D:NEC/FER]

Otidea concinna (Pers.) Sacc. [D:NEC/JPN]

Otidea filiformis C.L. Hou, Y.Y. Xu & H. Zhou [D:NEC]

Otidea grandis (Pers.) Rehm [D:FER/JPN]

Otidea leporina (Batsch) Fuckel [D:NEC/FER/JPN]

Otidea microspora (Kanouse) Harmaja [D:JPN]

Otidea mirabilis Bolognini & Jamoni [D:NEC]

Otidea onotica (Pers.) Fuckel [D:NEC/FER/MNG/JPN]

Otidea phlebophora (Berk. & Broome) Sacc. [D:FER]

Otidea rainierensis Kanouse [D:JPN]

Otidea smithii Kanouse [D:JPN]

Fam. Pezizaceae Dumort.

Gen.130 *Adelphella* Pfister, Matočec & I. Kušan

Adelphella babingtonii (Berk. & Broome) Pfister, Matočec & I. Kušan [D:FER/JPN]

Gen.131 *Aleuria* Fuckel

Aleuria aurantia (Pers.) Fuckel [D:NEC/FER/KOR/JPN]

Aleuria bicucullata Boud. [D:FER]

Gen.132 *Boudiera* Cooke

Boudiera acanthospora Dissing & T. Schumach. [D:FER]

Gen.133 *Elaiopezia* Van Vooren

Elaiopezia luteola (Velen.) Van Vooren [D:FER]

Gen.134 *Geoscypha* (Cooke) Lambotte

Geoscypha violacea (Pers.) Lambotte [D:FER]

Gen.135 *Humaria* Fuckel

Humaria hemisphaerica (F.H. Wigg.) Fuckel [D:NEC/FER/KOR/JPN]

Gen.136 *Hydnobolites* Tul. & C. Tul.

Hydnobolites cerebriformis Tul. & C. Tul. [D:JPN]

Gen.137 *Ionopezia* Van Vooren

Ionopezia gerardii (Cooke) Van Vooren [D:FER]

Gen.138 *Legaliana* Van Vooren

Legaliana badia (Pers.) Van Vooren [D:NEC/FER/KOR/JPN]

Legaliana limnaea (Maas Geest.) Van Vooren [D:FER/KOR]

Gen.139 *Malvipezia* Van Vooren

Malvipezia emileia (Cooke) Van Vooren [D:NEC]

Malvipezia howsei (Roze & Boud.) Van Vooren [D:FER]

Gen.140 *Marcelleina* Brumm., Korf & Rifai

Marcelleina persoonii (P. Crouan & H. Crouan) Brumm. [D:JPN]

Gen.141 *Pachyella* Boud.

Pachyella celtica (Boud.) Häffner [D:KOR]

Pachyella clypeata (Schwein.) Le Gal [D:FER/JPN]

Pachyella globispora K. Maruy. & Hosoya [D:JPN]

Pachyella schroeteri (Cooke) Boud. [D:FER]

Pachyella violaceonigra (Rehm) Pfister [D:FER/JPN]

Gen.142 *Paragalactinia* Van Vooren

Paragalactinia michelii (Boud.) Van Vooren [D:KOR/JPN]

Paragalactinia succosa (Berk.) Van Vooren [D:NEC/FER]

Paragalactinia succosella (Le Gal & Romagn.) Van Vooren [D:FER]

Gen.143 *Peziza* Dill. ex Fr.

Peziza arvernensis Roze & Boud. [D:NEC/FER/JPN]

Peziza badiofusca (Boud.) Dennis [D:FER]

Peziza brunneoatra Desm. [D:JPN]

Peziza buxea Quél. [D:FER]

Peziza cerea Fr. [D:FER]

Peziza depressa Pers. [D:FER]

Peziza domiciliana Cooke [D:NEC/FER/JPN]

Peziza echinospora P. Karst. [D:FER/KOR]

Peziza fimeti (Fuckel) E.C. Hansen [D:FER]

Peziza granularis Donadini ex Van Vooren [D:KOR]

Peziza griseorosea W.R. Gerard [D:FER]

Peziza micropus Pers. [D:FER/JPN]

Peziza moravecii (Svrček) Donadini [D:NEC/JPN]

Peziza natrophila A.Z.M. Khan [D:FER]

Peziza nivalis (R. Heim & L. Rémy) M.M. Moser [D:NEC]

Peziza ostracoderma Korf [D:FER]

Peziza praetervisa Bres. [D:NEC/KOR/JPN]

Peziza psammobia Rifai [D:FER]

Peziza repanda Wahlenb. ex Fr. [D:FER/KOR/JPN]

Peziza saniosa J.F. Gmel. [D:KOR]

Peziza urinophila Yei Z. Wang & Sagara [D:JPN]

Peziza varia (Hedw.) Alb. & Schwein. [D:NEC/FER/KOR]

Peziza verrucosa (Velen.) Smitska [D:FER]

Peziza vesiculosa Bull. [D:NEC/KOR/JPN]

Gen.144 *Phylloscypha* Van Vooren

Phylloscypha phyllogena (Cooke) Van Vooren [D:FER/KOR/JPN]

Phylloscypha thozetii (Berk.) Van Vooren [D:FER]

Gen.145 *Plicaria* Fuckel

Plicaria carbonaria Fuckel [D:FER]

Plicaria endocarpoides (Berk.) Rifai [D:JPN]

Gen.146 *Plicariella* (Sacc.) Rehm

Plicariella scabrosa (Cooke) Spooner [D:JPN]

Gen.147 *Scutellinia* (Cooke) Lambotte

Scutellinia ahmadiopsis W.Y. Zhuang [D:KOR]

Scutellinia badio-berbis (Berk. ex Cooke) Kuntze [D:FER/KOR]

Scutellinia colensoi (Massee ex Le Gal) Kuntze [D:FER/KOR]

Scutellinia crinita (Bull.) Lambotte [D:FER/KOR]

Scutellinia cubensis (Berk. & M.A. Curtis) Kuntze [D:JPN]

Scutellinia erinaceus (Schwein.) Kuntze [D:NEC/KOR]

Scutellinia jejuensis J.G. Han, Y.J. Choi & H.D. Shin [D:KOR]

Scutellinia jilinensis Z.H. Yu & W.Y. Zhuang [D:KOR]

Scutellinia kerguelensis (Berk.) Kuntze [D:NEC/FER/KOR]

Scutellinia minor (Velen.) Svrček [D:FER]

Scutellinia nigrohirtula (Svrček) Le Gal [D:KOR]

Scutellinia olivascens (Cooke) Kuntze [D:FER/KOR]

Scutellinia parvispora J. Moravec [D:FER/KOR]

Scutellinia patagonica (Rehm) Gamundí [D:FER/KOR]

Scutellinia pennsylvanica (Seaver) Denison [D:FER]

Scutellinia scutellata (L.) Lambotte [D:NEC/FER/KOR/JPN]

Scutellinia setosa (Nees) Kuntze [D:FER/KOR]

Scutellinia sinosetosa W.Y. Zhuang & Zheng Wang [D:KOR]

Scutellinia subhirtella Svrček [D:FER/KOR]

Scutellinia trechispora (Berk. & Broome) Lambotte [D:FER]

Scutellinia umbrorum (Fr.) Lambotte [D:FER/KOR]

Fam. Pseudombrophilaceae Ekanayaka, K.D. Hyde, Q. Zhao & E.B.G.

Gen.148 *Pseudombrophila* Boud.

Pseudombrophila cervaria (W. Phillips) Brumm. [D:FER]

Pseudombrophila coprina (Eckblad) Brumm. [D:FER]

Pseudombrophila petrakii (Sacc.) Brumm. [D:JPN]

Pseudombrophila porcina (Svrček & Kubička) Brumm. [D:FER]

Fam. Pulvinulaceae Ekanayaka, K.D. Hyde, Q. Zhao & E.B.G. Jones

Gen.149 *Pulvinula* Boud.

Pulvinula carbonaria (Fuckel) Boud. [D:NEC]

Pulvinula cinnabarina (Fuckel) Boud. [D:FER]

Pulvinula convexella (P. Karst.) Pfister [D:FER/JPN]

Pulvinula elsenensis T. Bau & Z.Q. Chen [D:NEC]

Pulvinula globifera (Berk. & M.A. Curtis) Le Gal [D:JPN]

Pulvinula sublaeterubra T. Bau & Z.Q. Chen [D:NEC]

Fam. Pyronemataceae Corda

Gen.150 *Anthracobia* Boud.

Anthracobia macrocystis (Cooke) Boud. [D:FER]

Anthracobia melaloma (Alb. & Schwein.) Arnould [D:FER/JPN]

Gen.151 *Byssonectria* P. Karst.

Byssonectria deformis (P. Karst.) U. Lindem. & M. Vega [D:FER]

Gen.152 *Cheilymenia* Boud.

Cheilymenia fimicola (Bagl.) Dennis [D:FER/JPN]

Cheilymenia granulata (Bull.) J. Moravec [D:FER/KOR/JPN]

Cheilymenia theleboloides (Alb. & Schwein.) Boud. [D:JPN]

Gen.153 *Geopora* Harkn.

Geopora arenosa (Fuckel) S. Ahmad [D:FER]

Geopora sumneriana (Cooke ex W. Phillips) M. Torre [D:NEC]

Geopora tenuis (Fuckel) T. Schumach. [D:NEC/FER]

Geopora foliicola (Har. Takah.) N. Endo, S. Ushijima, Nagas., Sotome, Nakagiri & N. Maek. [D:NEC/JPN]

Gen.154 *Lamprospora* De Not.

Lamprospora ammophila (Saut.) Boud. [D:JPN]

Lamprospora schroeteri Benkert [D:FER]

Gen.155 *Leucoscypha* Boud.

Leucoscypha leucotricha (Alb. & Schwein.) Boud. [D:FER]

Gen.156 *Melastiza* Boud.

Melastiza chateri (W.G. Sm.) Boud. [D:NEC/JPN]

Melastiza cornubiensis (Berk. & Broome) J. Moravec [D:FER]

Gen.157 *Miladina* Svrček

Miladina lecithina (Cooke) Svrček [D:FER]

Gen.158 *Neottiella* (Cooke) Sacc.

Neottiella hetieri Boud. [D:FER]

Gen.159 *Octospora* Hedw.

Octospora polytrichi (Schumach.) Caillet & Moyne [D:FER]

Gen.160 *Perilachnea* Van Vooren

Perilachnea hemisphaerioides (Mouton) Van Vooren [D:NEC/FER]

Gen.161 *Pseudaleuria* Lusk

Pseudaleuria fibrillosa (Massee) J. Moravec [D:FER]

Gen.162 *Pyronema* Carus

Pyronema domesticum (Sowerby) Sacc. [D:KOR]

Pyronema omphalodes (Bull.) Fuckel [D:FER]

Gen.163 *Sowerbyella* Nannf.

Sowerbyella imperialis (Peck) Korf [D:FER/KOR]

Sowerbyella rhenana (Fuckel) J. Moravec [D:FER/JPN]

Gen.164 *Spooneromyces* T. Schumach. & J. Moravec

Spooneromyces velenovskyi (Vacek ex Svrček) Van Vooren [D:FER/JPN]

Gen.165 *Tricharina* Eckblad

Tricharina gilva (Boud. ex Cooke) Eckblad [D:KOR]

Gen.166 *Trichophaea* Boud.

Trichophaea abundans (P. Karst.) Boud. [D:FER]

Trichophaea albospadicea (Grev.) Boud. [D:FER]

Trichophaea hybrida (Sowerby) T. Schumach. [D:JPN]

Gen.167 *Trichophaeopsis* Korf & Erb

Trichophaeopsis paludosa (Boud.) Häffner & L.G. Krieglst. [D:FER]

Gen.168 *Wilcoxina* Chin S. Yang & Korf

Wilcoxina gregaria (Rehm) Van Vooren [D:FER/KOR]

Wilcoxina terrestris (Velen.) Van Vooren [D:FER]

Fam. Pyropyxidaceae M. Zeng, Q. Zhao & K.D. Hyde

Gen.169 *Jafnea* Korf

Jafnea fusicarpa (W.R. Gerard) Korf [D:FER/KOR]

Fam. Rhizinaceae Bonord.

Gen.170 *Psilopezia* Berk.

Psilopezia nummularialis Pfister & Cand. [D:FER]

Gen.171 *Rhizina* Fr.

Rhizina undulata Fr. [D:MNG/KOR/JPN]

Fam. Sarcoscyphaceae Le Gal ex Eckblad

Gen.172 *Aurophora* Rifai

Aurophora dochmia (Berk. & M.A. Curtis) Rifai [D:JPN]

Gen.173 *Cookeina* Kuntze

Cookeina insititia (Berk. & M.A. Curtis) Kuntze [D:NEC/JPN]

Cookeina speciosa (Fr.) Dennis [D:JPN]

Cookeina tricholoma (Mont.) Kuntze [D:NEC/JPN]

Gen.174 *Microstoma* Bernstein

Microstoma aggregatum Otani [D:NEC/FER/JPN]

Microstoma apiculosporum Yei Z. Wang [D:JPN]

Microstoma changchunense T. Bau & Z.Q. Chen [D:NEC]

Microstoma floccosum (Sacc.) Raitv. [D:NEC/FER/KOR/JPN]

Microstoma jilinense T. Bau & Z.Q. Chen [D:NEC]

Microstoma longipilum Tochihara, T. Hirao & Hosoya [D:JPN]

Microstoma macrosporum (Y. Otani) Y. Harada & S. Kudo [D:NEC/JPN]

Microstoma protractum (Fr.) Kanouse [D:FER/JPN]

Gen.175 *Phillipsia* Berk.

Phillipsia domingensis (Berk.) Berk. ex Denison [D:NEC/FER/JPN]

Phillipsia straminea S. Ito & S. Imai [D:JPN]

Phillipsia subpurpurea Berk. & Broome [D:JPN]

Gen.176 *Pithya* Fuckel

Pithya cupressina (Batsch) Fuckel [D:JPN]

Pithya vulgaris Fuckel [D:JPN]

Gen.177 *Sarcoscypha* (Fr.) Boud.

Sarcoscypha coccinea (Jacq.) Lambotte [D:NEC/FER/KOR/JPN]

Sarcoscypha dudleyi (Peck) Baral [D:NEC]

Sarcoscypha hongshiensis T. Bau & Z.Q. Chen [D:NEC]

Sarcoscypha humida M. Cho, S.L. Kwon & J.J. Kim [D:KOR]

Sarcoscypha korfiana F.A. Harr. [D:NEC/FER]

Sarcoscypha occidentalis (Schwein.) Sacc. [D:NEC/JPN]

Sarcoscypha vassiljevae Raitv. [D:NEC/FER/JPN]

Fam. Sarcosomataceae Kobayasi

Gen.178 *Donadinia* Bellem. & Mel.-Howell

Donadinia nigrella (Seaver) M. Carbone, Agnello & P. Alvarado [D:JPN]

Gen.179 *Galiella* Nannf. & Korf

Galiella amurensis (Lj.N. Vassiljeva) Raitv. [D:NEC/FER]

Galiella japonica (Yasuda) Y. Otani [D:NEC/JPN]

Gen.180 *Korfiella* D.C. Pant & V.P. Tewari

Korfiella karnika D.C. Pant & V.P. Tewari [D:JPN]

Gen.181 *Plectania* Fuckel

Plectania melastoma (Sowerby) Fuckel [D:NEC/FER]

Plectania modesta Otani [D:JPN]

Plectania platensis (Speg.) Rifai [D:NEC/JPN]

Gen.182 *Pseudoplectania* Fuckel

Pseudoplectania melaena (Fr.) Sacc. [D:NEC/FER/KOR/JPN]

Pseudoplectania nigrella (Pers.) Fuckel [D:NEC/FER/JPN]

Gen.183 *Sarcosoma* Casp.

Sarcosoma globosum (Schmidel) Casp. [D:KOR]

Gen.184 *Urnula* Fr.

Urnula craterium (Schwein.) Fr. [D:NEC/FER/KOR/JPN]

Fam. Tarzettaceae Ekanayaka, K.D. Hyde, Q. Zhao & E.B.G. Jones

Gen.185 *Geopyxis* (Pers.) Sacc.

Geopyxis carbonaria (Alb. & Schwein.) Sacc. [D:FER/JPN]

Gen.186 *Hydnocystis* Tul. & C. Tul.

Hydnocystis japonica (Kobayasi) Trappe [D:JPN]

Gen.187 *Tarzetta* (Cooke) Lambotte

Tarzetta catinus (Holmsk.) Korf & J.K. Rogers [D:FER/KOR]

Tarzetta cupularis (L.) Lambotte [D:KOR]

Fam. Tuberaceae Bercht. & J. Presl

Gen.188 *Choiromyces* Vittad.

Choiromyces alveolatus (Harkn.) Trappe [D:NEC]

Choiromyces venosus (Fr.) Th. Fr. [D:NEC]

Gen.189 *Tuber* P. Micheli ex F.H. Wigg.

Tuber borchii Vittad. [D:NEC]

Tuber californicum Harkn. [D:NEC]

Tuber dryophilum Tul. & C. Tul. [D:NEC]

Tuber flavidosporum Hir. Sasaki, A. Kinosh. & Nara [D:JPN]

Tuber foetidum Vittad. [D:NEC]

Tuber himalayense B.C. Zhang & Minter [D:FER]

Tuber hiromichii (S. Imai) Trappe [D:JPN]

Tuber indicum Cooke & Massee [D:JPN]

Tuber japonicum Hir. Sasaki, A. Kinosh. & Nara [D:JPN]

Tuber koreanum H. Park & A.H. Eom [D:KOR]

Tuber liaotongense Y. Wang [D:NEC]

Tuber maculatum Vittad. [D:JPN]

Tuber magnatum Picco [D:JPN]

Tuber mongolicum T. Bau & F. Guo [D:NEC]

Tuber rufum Pollini [D:FER]

Tuber torulosum A. Kinosh., Koh. Yamam. & A. Yamada [D:JPN]

Fam. Wynneaceae Pfister & Quijada

Gen.190 *Wynnea* Berk. & M.A. Curtis

Wynnea americana Thaxt. [D:NEC/FER/JPN]

Wynnea gigantea Berk. & M.A. Curtis [D:NEC/FER/KOR/JPN]

Wynnea macrospora B. Liu, M.H. Liu & J.Z. Cao [D:NEC]

Wynnea macrotis (Berk.) Berk. & M.A. Curtis [D:JPN]

Cla. Sordariomycetes O.E. Erikss. & Winka

Ord. Boliniales P.F. Cannon

Fam. Boliniaceae Rick

Gen.191 *Camarops* P. Karst.

Camarops petersii (Berk. & M.A. Curtis) Nannf. [D:FER/JPN]

Camarops polysperma (Mont.) J.H. Mill. [D:FER/JPN]

Camarops ustulinoides (Henn.) Nannf. [D:KOR]

Ord. Coronophorales Nannf.

Fam. Chaetosphaerellaceae Huhndorf, A.N. Mill. & F.A. Fernández

Gen.192 *Chaetosphaerella* E. Müll. & C. Booth

Chaetosphaerella phaeostroma (Durieu & Mont.) E. Müll. & C. Booth [D:JPN]

Fam. Nitschkiaceae Nannf.

Gen.193 *Nitschkia* G.H. Otth ex P. Karst.

Nitschkia floridana Fitzp. [D:FER]

Fam. Scortechiniaceae Huhndorf, A.N. Mill. & F.A. Fernández

Gen.194 *Tympanopsis* Starbäck

Tympanopsis confertula (Schwein.) Lar.N. Vassiljeva [D:FER]

Ord. Hypocreales Lindau

Fam. Bionectriaceae Samuels & Rossman

Gen.195 *Hydropisphaera* Dumort.

Hydropisphaera peziza (Tode) Dumort. [D:FER]

Gen.196 *Nectriopsis* Maire

Nectriopsis tremellicola (Ellis & Everh.) W. Gams [D:JPN]

Fam. Clavicipitaceae Rogerson

Gen.197 *Metarhizium* Sorokin

Metarhizium owariense (Kobayasi) Kepler, S.A. Rehner & Humber [D:FER/JPN]

Gen.198 *Neobarya* Lowen

Neobarya aurantiaca (Plowr. & A.S. Wilson) Samuels & Cand. [D:JPN]

Gen.199 *Tyrannicordyceps* Kepler & Spatafora

Tyrannicordyceps clavicipiticola (Tokun. & S. Imai) Kepler & Spatafora [D:JPN]

Tyrannicordyceps ergoticola (Tanda & Kawat.) Kepler & Spatafora [D:JPN]

Tyrannicordyceps fratricida (Tanda & Kobayasi) Kepler & Spatafora [D:JPN]

Gen.200 *Yosiokobayasia* Samson, Luangsa-ard & Thanakitp.

Yosiokobayasia kusanagiensis (Kobayasi & Shimizu) Samson, Luangsa-ard & Thanakitp. [D:JPN]

Fam. Cordycipitaceae Kreisel ex G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora

Gen.201 *Cordyceps* Fr.

Cordyceps agriotidis Kawam. [D:NEC/JPN]

Cordyceps alba Kobayasi & Shimizu [D:JPN]

Cordyceps alboperitheciata Kobayasi & Shimizu [D:KOR/JPN]

Cordyceps ampullacea Kobayasi & Shimizu [D:NEC/KOR/JPN]

Cordyceps bifusispora O.E. Erikss. [D:NEC/KOR]

Cordyceps brasiliensis Henn. [D:JPN]

Cordyceps brongniartii Shimazu [D:NEC/KOR/JPN]

Cordyceps changbaiensis J.J. Hu, Bo Zhang & Y. Li [D:NEC]

Cordyceps changchunensis J.J. Hu, Bo Zhang & Y. Li [D:NEC]

Cordyceps changpaishanensis Kobayasi [D:NEC]

Cordyceps coccidiocapitata Kobayasi & Shimizu [D:KOR/JPN]

Cordyceps coccinea Penz. & Sacc. [D:NEC/FER]

Cordyceps cylindrica Petch [D:NEC/JPN]

Cordyceps deflectens Penz. & Sacc. [D:FER/JPN]

Cordyceps farinosa (Holmsk.) Kepler, B. Shrestha & Spatafora [D:KOR]

Cordyceps flavobrunnescens Henn. [D:FER]

Cordyceps formosana Kobayasi & Shimizu [D:NEC]

Cordyceps hirotaniana Kobayasi [D:JPN]

Cordyceps hokkaidoensis Kobayasi [D:JPN]

Cordyceps imagamiana Kobayasi & Shimizu [D:NEC/JPN]

Cordyceps iriomoteana Kobayasi & Shimizu [D:JPN]

Cordyceps isarioides M.A. Curtis [D:KOR]

Cordyceps jinyuetanensis J.J. Hu, Bo Zhang & Y. Li [D:NEC]

Cordyceps kobayasii Koval [D:NEC/FER/JPN]

Cordyceps kyushuensis A. Kawam. [D:NEC/KOR/JPN]

Cordyceps lacroixii Har. & Pat. [D:NEC/JPN]

Cordyceps loushanensis Z.Q. Liang & A.Y. Liu [D:NEC]

Cordyceps memorabilis (Ces.) Ces. [D:NEC]

Cordyceps militaris (L.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Cordyceps minuta Kobayasi [D:JPN]

Cordyceps myrmecogena Kobayasi & Shimizu [D:JPN]

Cordyceps nakazawae Kawam. [D:KOR/JPN]

Cordyceps nanatakiensis Kobayasi & Shimizu [D:JPN]

Cordyceps nikkoensis Kobayasi [D:JPN]

Cordyceps ninchukispora (C.H. Su & H.H. Wang) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR]

Cordyceps obliqua Kobayasi [D:JPN]

Cordyceps obliquiordinata Kobayasi & Shimizu [D:JPN]

Cordyceps ochraceostromata Kobayasi & Shimizu [D:KOR/JPN]

Cordyceps ogurasanensis Kobayasi & Shimizu [D:JPN]

Cordyceps ootakiensis Kobayasi & Shimizu [D:KOR/JPN]

Cordyceps ovoideoperitheciata Kobayasi & Shimizu [D:JPN]

Cordyceps pallidiolivacea Kobayasi & Shimizu [D:JPN]

Cordyceps pleuricapitata Kobayasi & Shimizu [D:JPN]

Cordyceps polyarthra Möller [D:NEC/FER]

Cordyceps polycephala Kobayasi & Shimizu [D:JPN]

Cordyceps pruinosa Petch [D:NEC/KOR/JPN]

Cordyceps pseudoinsignis Moureau [D:FER]

Cordyceps pseudonelumboides Kobayasi & Shimizu [D:NEC/JPN]

Cordyceps ramosostipitata Kobayasi & Shimizu [D:JPN]

Cordyceps rosea Kobayasi & Shimizu [D:KOR/JPN]

Cordyceps roseostromata Kobayasi & Shimizu [D:NEC/KOR/JPN]

Cordyceps rubricapitata Kobayasi & Shimizu [D:JPN]

Cordyceps rubrostromata Kobayasi [D:JPN]

Cordyceps sakishimensis Kobayasi & Shimizu [D:JPN]

Cordyceps shanxiensis B. Liu, Rong & H.S. Jin [D:NEC]

Cordyceps shimaensis Kobayasi [D:JPN]

Cordyceps shimizui Y.J. Yao [D:NEC/JPN]

Cordyceps sphaerocapitata Kobayasi [D:JPN]

Cordyceps sulfurea Kobayasi & Shimizu [D:JPN]

Cordyceps takaomontana Yakush. & Kumaz. [D:NEC/FER/KOR/JPN]

Cordyceps tenuipes (Peck) Kepler, B. Shrestha & Spatafora [D:KOR]

Cordyceps termitophila Kobayasi & Shimizu [D:NEC/JPN]

Cordyceps variegata Moureau [D:NEC/FER]

Cordyceps yahagiana Kobayasi & Shimizu [D:JPN]

Gen.202 *Gibellula* Cavara

Gibellula albolanata (Petch) H.C. Evans [D:JPN]

Gibellula arachnophila (Ditmar) Vuill. [D:FER/JPN]

Gibellula aranicida (Boud.) H.C. Evans [D:JPN]

Gibellula pulchra (Sacc.) Cavara [D:JPN]

Gen.203 *Hevansia* Luangsa-ard, Hywel-Jones & Spatafora

Hevansia nelumboides (Kobayasi & Shimizu) Luangsa-ard, Hywel-Jones & Spatafora [D:NEC/JPN]

Gen.204 *Isaria* Pers.

Isaria cicadae Miq. [D:NEC/JPN]

Isaria japonica Yasuda [D:NEC]

Isaria sinclairii (Berk.) Lloyd [D:KOR]

Gen.205 *Torrubiella* Boud.

Torrubiella alba Petch [D:JPN]

Torrubiella alboglobosa Kobayasi & Shimizu [D:JPN]

Torrubiella aurantia Kobayasi & Shimizu [D:JPN]

Torrubiella corniformis Kobayasi & Shimizu [D:JPN]

Torrubiella ellipsoidea Kobayasi & Shimizu [D:JPN]

Torrubiella farinacea Kobayasi & Shimizu [D:JPN]

Torrubiella flava Petch [D:JPN]

Torrubiella globosa Kobayasi & Shimizu [D:JPN]

Torrubiella globosoides Kobayasi & Shimizu [D:JPN]

Torrubiella globosostipitata Kobayasi & Shimizu [D:JPN]

Torrubiella inegoensis Kobayasi & Shimizu [D:JPN]

Torrubiella iriomoteana Kobayasi & Shimizu [D:JPN]

Torrubiella liberiana Mains [D:FER]

Torrubiella longissima Kobayasi & Shimizu [D:JPN]

Torrubiella mammillata Kobayasi & Shimizu [D:JPN]

Torrubiella minutissima Lagarde [D:JPN]

Torrubiella miyagiana Kobayasi & Shimizu [D:JPN]

Torrubiella neofusiformis Kobayasi & Shimizu [D:JPN]

Torrubiella oblonga Kobayasi & Shimizu [D:JPN]

Torrubiella ooaniensis Kobayasi & Shimizu [D:JPN]

Torrubiella pallida Kobayasi & Shimizu [D:JPN]

Torrubiella plana Hiroki Sato, S. Ban, Masuya & Hosoya [D:JPN]

Torrubiella rosea Kobayasi & Shimizu [D:JPN]

Torrubiella rostrata (Henn.) Sacc. & D. Sacc. [D:NEC]

Torrubiella ryogamimontana Kobayasi & Shimizu [D:JPN]

Torrubiella superficialis Kobayasi & Shimizu [D:JPN]

Fam. Hypocreaceae De Not.

Gen.206 *Creopus* Link

Creopus testacea Lar.N. Vassiljeva [D:FER]

Gen.207 *Hypocrea* Fr.

Hypocrea gelatinosa (Tode) Fr. [D:JPN]

Hypocrea gigantea Petch [D:JPN]

Hypocrea grandis S. Imai [D:JPN]

Hypocrea japonica Yasuda [D:JPN]

Hypocrea megalosulphurea Yoshim. Doi [D:FER]

Hypocrea splendens W. Phillips & Plowr. [D:JPN]

Hypocrea subsplendens Yoshim. Doi [D:JPN]

Gen.208 *Hypocreopsis* P. Karst.

Hypocreopsis lichenoides (Tode) Seaver [D:NEC]

Gen.209 *Hypomyces* (Fr.) Tul. & C. Tul.

Hypomyces boletiphagus Rogerson & Samuels [D:JPN]

Hypomyces cervinus Tul. & C. Tul. [D:NEC]

Hypomyces chrysospermus (Bull.) Tul. & C. Tul. [D:NEC/KOR/JPN]

Hypomyces completus (G.R.W. Arnold) Rogerson & Samuels [D:JPN]

Hypomyces hyalinus (Schwein.) Tul. & C. Tul. [D:JPN]

Hypomyces lateritius (Fr.) Tul. & C. Tul. [D:JPN]

Hypomyces lithuanicus Heinr.-Norm. [D:JPN]

Hypomyces luteovirens (Fr.) Tul. & C. Tul. [D:KOR/JPN]

Hypomyces melanocarpus Rogerson & Mazzer [D:JPN]

Hypomyces petchii G.R.W. Arnold [D:JPN]

Hypomyces stephanomatis Rogerson & Samuels [D:FER]

Hypomyces subiculosus (Berk. & M.A. Curtis) Höhn. [D:FER]

Hypomyces transformans Peck [D:JPN]

Hypomyces tubariicola (W. Gams) Zare & W. Gams [D:KOR]

Gen.210 *Podostroma* P. Karst.

Podostroma giganteum S. Imai [D:JPN]

Podostroma solmsii (E. Fisch.) S. Imai [D:KOR/JPN]

Gen.211 *Protocrea* Petch

Protocrea fungicola (P. Karst.) Lar.N. Vassiljeva [D:FER]

Protocrea pallida (Ellis & Everh.) Jaklitsch, K. Põldmaa & Samuels [D:JPN]

Gen.212 *Sphaerostilbella* (Henn.) Sacc. & D. Sacc.

Sphaerostilbella micropori K. Põldmaa & Samuels [D:JPN]

Gen.213 *Sporophagomyces* K. Põldmaa & Samuels

Sporophagomyces chrysostomus (Berk. & Broome) K. Põldmaa & Samuels [D:FER]

Gen.214 *Trichoderma* Pers.

Trichoderma alutaceum Jaklitsch [D:NEC/JPN]

≡ *Podostroma alutaceum* (Pers.) G.F. Atk.

Trichoderma aureoviride Rifai [D:FER]

≡ *Hypocrea aureoviridis* Plowr. & Cooke [as '*aureo-viridis*']

Trichoderma cerebriforme (Berk.) Samuels [D:FER]

≡ *Hypocrea cerebriformis* Berk.

Trichoderma citrinoviride Bissett [D:JPN]

≡ *Hypocrea schweinitzii* (Fr.) Sacc.

Trichoderma citrinum (Pers.) Jaklitsch, W. Gams & Voglmayr [D:JPN]

≡ *Hypocrea citrina* (Pers.) Fr.

Trichoderma cornu-damae (Pat.) Z.X. Zhu & W.Y. Zhuang [D:KOR/JPN]

≡ *Podostroma cornu-damae* (Pat.) Boedijn

Trichoderma leucopus Jaklitsch [D:NEC]

≡ *Hypocrea leucopus* (P. Karst.) H.L. Chamb.

Trichoderma lixii (Pat.) P. Chaverri [D:JPN]

≡ *Hypocrea lixii* Pat.

Trichoderma piluliferum J. Webster & Rifai [D:FER]

≡ *Hypocrea pilulifera* J. Webster & Rifai

Trichoderma polysporum (Link) Rifai [D:FER]

≡ *Hypocrea pachybasioides* Yoshim. Doi

Trichoderma pulvinatum (Fuckel) Jaklitsch & Voglmayr [D:NEC/JPN]

≡ *Hypocrea pulvinata* Fuckel

Trichoderma viride Pers. [D:NEC/JPN]

≡ *Hypocrea rufa* (Pers.) Fr.

Fam. Nectriaceae Tul. & C. Tul.

Gen.215 *Dialonectria* (Sacc.) Cooke

Dialonectria episphaeria (Tode) Cooke [D:FER]

Gen.216 *Nectria* (Fr.) Fr.

Nectria cinnabarina (Tode) Fr. [D:FER/MNG]

Gen.217 *Pseudocosmospora* C.S. Herrera & P. Chaverri

Pseudocosmospora vilior (Starbäck) C.S. Herrera & P. Chaverri [D:FER]

Gen.218 *Stylonectria* Höhn.

Stylonectria purtonii (Grev.) Gräfenhan [D:FER]

Gen.219 *Thyronectria* Sacc.

Thyronectria balsamea (Cooke & Peck) Seeler [D:FER]

Thyronectria berolinensis (Sacc.) Seaver [D:MNG]

Thyronectria cucurbitula (Tode) Jaklitsch & Voglmayr [D:FER/KOR]

Fam. Ophiocordycipitaceae G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora

Gen.220 *Drechmeria* W. Gams & H.-B. Jansson

Drechmeria gunnii (Berk.) Spatafora, Kepler & C.A. Quandt [D:NEC]

Gen.221 *Elaphocordyceps* G.H. Sung & Spatafora

Elaphocordyceps delicatistipitata (Kobayasi) G.H. Sung, J.M. Sung & Spatafora [D:JPN]

Elaphocordyceps jezoensoides (Kobayasi) Hiroki Sato, S. Ban, Masuya & Hosoya [D:JPN]

Elaphocordyceps valvatistipitata (Kobayasi) G.H. Sung, J.M. Sung & Spatafora [D:JPN]

Gen.222 *Ophiocordyceps* Petch

Ophiocordyceps acicularis (Ravenel) Petch [D:NEC/JPN]

Ophiocordyceps agriotis G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps annulata (Kobayasi & Shimizu) Spatafora, Kepler & C.A. Quandt [D:JPN]

Ophiocordyceps appendiculata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps arachneicola (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps asyuensis (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps aurantia (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/JPN]

Ophiocordyceps barnesii (Thwaites) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/JPN]

Ophiocordyceps carabidicola (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/JPN]

Ophiocordyceps citrina (Kobayasi & Shimizu) Spatafora, Kepler & C.A. Quandt [D:JPN]

Ophiocordyceps clavata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps coccidiicola (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps cochlidiicola (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Ophiocordyceps corallomyces (Möller) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER/JPN]

Ophiocordyceps crinalis (Ellis ex Lloyd) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Ophiocordyceps dipterigena (Berk. & Broome) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER/JPN]

Ophiocordyceps discoideicapitata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps elateridicola (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones &

Spatafora [D:NEC/JPN]

Ophiocordyceps elongatiperitheciata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps elongatistromata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps entomorrhiza (Dicks.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER/KOR/JPN]

Ophiocordyceps falcata (Berk.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC]

Ophiocordyceps falcatoides (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps fasciculatistromata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps ferruginosa (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps filiformis G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC]

Ophiocordyceps formicarum (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Ophiocordyceps geniculata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps gryllotalpae Petch [D:NEC/JPN]

Ophiocordyceps hiugensis (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps japonensis (Hara) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps konnoana (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps liangshanensis (M. Zang, D.Q. Liu & R.Y. Hu) Hong Yu bis, Yao Wan, Y.D. Dai, Zhu L. Yang & Y.B. Wang [D:NEC]

Ophiocordyceps lloydii (H.S. Fawc.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps longissima (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Ophiocordyceps macularis Mains [D:JPN]

Ophiocordyceps melolonthae (Tul. & C. Tul.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/JPN]

Ophiocordyceps michiganensis (Mains) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps minutissima (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps myrmecophila (Ces.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER]

Ophiocordyceps neovolkiana (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps nigrella (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps nigripoda (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps nutans (Pat.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER/KOR/JPN]

Ophiocordyceps odonatae (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC]

Ophiocordyceps osuzumontana (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps oxycephala (Penz. & Sacc.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Ophiocordyceps paludosa Mains [D:NEC/KOR/JPN]

Ophiocordyceps pentatomae (Koval) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps pseudolongissima (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps pulvinata Kepler, Kaitsu & Spatafora [D:JPN]

Ophiocordyceps purpureostromata (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR/JPN]

Ophiocordyceps ravenelii (Berk. & M.A. Curtis) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps robertsii (Hook.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC]

Ophiocordyceps rubiginosiperitheciata (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/JPN]

Ophiocordyceps salganeicola J.P.M. Araújo, Moriguchi & Matsuura [D:JPN]

Ophiocordyceps satoi J.P.M. Araújo, H.C. Evans & D.P. Hughes [D:NEC/JPN]

Ophiocordyceps sichuanensis (Z.Q. Liang & Bo Wang) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC]

Ophiocordyceps sinensis (Berk.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:KOR]

Ophiocordyceps sobolifera (Hill ex Watson) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Ophiocordyceps sphecocephala (Klotzsch ex Berk.) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER/KOR/JPN]

Ophiocordyceps stylophora (Berk. & Broome) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER/JPN]

Ophiocordyceps subflavida (Mains) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps superficialis (Peck) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/FER/JPN]

Ophiocordyceps tricentri (Yasuda) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Ophiocordyceps uchiyamae (Kobayasi & Shimizu) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:JPN]

Ophiocordyceps unilateralis (Tul. & C. Tul.) Petch [D:FER]

Ophiocordyceps vespulae F.Y. Long, Y.P. Xiao & T.C. Wen [D:NEC]

Ophiocordyceps xifengensis G.X. Fei & X. Zou [D:NEC]

Ophiocordyceps yakusimensis (Kobayasi) G.H. Sung, J.M. Sung, Hywel-Jones & Spatafora [D:NEC/KOR/JPN]

Gen.223 *Paraisaria* Samson & B.L. Brady

Paraisaria amazonica (Henn.) Luangsa-ard, Mongkols. & Samson [D:JPN]

Paraisaria gracilioides (Kobayasi) C.R. Li, M.Z. Fan & Z.Z. Li [D:NEC/KOR/JPN]

Paraisaria gracilis (Grev.) Luangsa-ard, Mongkols. & Samson [D:KOR]

Paraisaria heteropoda (Kobayasi) Luangsa-ard, Mongkols. & Samson [D:NEC/KOR/JPN]

Gen.224 *Tolypocladium* W. Gams

Tolypocladium album (W. Gams) C.A. Quandt, Kepler & Spatafora [D:KOR]

Tolypocladium capitatum (Holmsk.) C.A. Quandt, Kepler & Spatafora [D:NEC/FER/JPN]

Tolypocladium cylindrosporum W. Gams [D:JPN]

Tolypocladium delicatistipitatum (Kobayasi) C.A. Quandt, Kepler & Spatafora [D:NEC]

Tolypocladium fractum (Mains) C.A. Quandt, Kepler & Spatafora [D:JPN]

Tolypocladium globosum J.J. Ryu, S.Yeol Lee & H.Y. Jung [D:KOR]

Tolypocladium inegoense (Kobayasi) C.A. Quandt, Kepler & Spatafora [D:NEC/JPN]

Tolypocladium inflatum W. Gams [D:JPN]

Tolypocladium intermedium (S. Imai) C.A. Quandt, Kepler & Spatafora [D:KOR/JPN]

Tolypocladium japonicum (Lloyd) C.A. Quandt, Kepler & Spatafora [D:NEC/JPN]

Tolypocladium jezoense (S. Imai) C.A. Quandt, Kepler & Spatafora [D:KOR/JPN]

Tolypocladium minazukiense (Kobayasi & Shimizu) C.A. Quandt, Kepler & Spatafora [D:JPN]

Tolypocladium miomoteanum (Kobayasi & Shimizu) C.A. Quandt, Kepler & Spatafora [D:JPN]

Tolypocladium ophioglossoides (J.F. Gmel.) C.A. Quandt, Kepler & Spatafora [D:NEC/KOR/JPN]

Tolypocladium paradoxum (Kobayasi) C.A. Quandt, Kepler & Spatafora [D:JPN]

Tolypocladium toriharamontanum (Kobayasi) C.A. Quandt, Kepler & Spatafora [D:JPN]

Tolypocladium virens (Kobayasi) C.A. Quandt, Kepler & Spatafora [D:JPN]

Fam. Polycephalomycetaceae Y.P. Xiao, Y.B. Wang, T.C. Wen, Hong Yu bis & K.D. Hyde

Gen.225 *Perennicordyceps* Matočec & I. Kušan

Perennicordyceps cuboidea (Kobayasi & Shimizu) Matočec & I. Kušan [D:JPN]

Perennicordyceps paracuboidea (S. Ban, Sakane & Nakagiri) Matočec & I. Kušan [D:JPN]

Perennicordyceps prolifica (Kobayasi) Matočec & I. Kušan [D:KOR/JPN]

Perennicordyceps ryogamiensis (Kobayasi & Shimizu) Matočec & I. Kušan [D:KOR/JPN]

Gen.226 *Pleurocordyceps* Y.J. Yao, Y.Hui Wang, S. Ban, W.J. Wang, Yi Li, Ke Wang & P.M. Kirk

Pleurocordyceps nipponica (Kobayasi) Y.Hui Wang, S. Ban, W.J. Wang, Yi Li, Ke Wang, P.M. Kirk & Y.J. Yao [D:JPN]

Pleurocordyceps ramosopulvinata (Kobayasi & Shimizu) Y.Hui Wang, S. Ban, W.J. Wang, Yi Li, Ke Wang, P.M. Kirk & Y.J. Yao [D:KOR/JPN]

Gen.227 *Polycephalomyces* Kobayasi

Polycephalomyces formosus Kobayasi [D:JPN]

Polycephalomyces kanzashianus (Kobayasi & Shimizu) Kepler & Spatafora [D:KOR/JPN]

Fam. Stachybotryaceae L. Lombard & Crous

Gen.228 *Albifimbria* L. Lombard & Crous

Albifimbria verrucaria (Alb. & Schwein.) L. Lombard & Crous [D:FER]

Gen.229 *Myrothecium* Tode

Myrothecium inundatum Tode [D:FER]

Incertae sedis

Incertae sedis

Gen.230 *Stilbella* Lindau

Stilbella aciculosa (Ellis & Everh.) Seifert [D:FER]

Stilbella bulbicola Henn. [D:FER]

Stilbella fusca (Sacc.) Seifert [D:FER]

Ord. Xylariales Nannf.

Fam. Cainiaceae J.C. Krug

Gen.231 *Endocalyx* Berk. & Broome

Endocalyx melanoxanthus (Berk. & Broome) Petch [D:JPN]

Fam. Graphostromataceae M.E. Barr, J.D. Rogers & Y.M. Ju

Gen.232 *Biscogniauxia* Kuntze

Biscogniauxia atropunctata (Schwein.) Pouzar [D:FER]

Biscogniauxia capnodes (Berk.) Y.M. Ju & J.D. Rogers [D:JPN]

Biscogniauxia cinereolilacina (J.H. Mill.) Pouzar [D:FER]

Biscogniauxia granmoi Lar.N. Vassiljeva [D:FER]

Biscogniauxia mandshurica Lar.N. Vassiljeva [D:FER]

Biscogniauxia marginata (Fr.) Pouzar [D:FER]

Biscogniauxia mediterranea (De Not.) Kuntze [D:FER/KOR]

Biscogniauxia repanda (Fr.) Kuntze [D:FER]

Biscogniauxia simplicior Pouzar [D:FER]

Gen.233 *Camillea* Fr.

Camillea punctulata (Berk. & Ravenel) Læssøe, J.D. Rogers & Whalley [D:KOR]

Gen.234 *Graphostroma* Piroz.

Graphostroma platystomum (Schwein.) Piroz. [D:FER/JPN]

Fam. Hypoxylaceae DC.

Gen.235 *Annulohypoxylon* Y.M. Ju, J.D. Rogers & H.M. Hsieh

Annulohypoxylon annulatum (Schwein.) Y.M. Ju, J.D. Rogers & H.M. Hsieh [D:NEC/FER]

Annulohypoxylon archeri (Berk.) Y.M. Ju, J.D. Rogers & H.M. Hsieh [D:JPN]

Annulohypoxylon discophorum (Penz. & Sacc.) Y.M. Ju, J.D. Rogers & H.M. Hsieh [D:JPN]

Annulohypoxylon stygium (Lév.) Y.M. Ju, J.D. Rogers & H.M. Hsieh [D:JPN]

Annulohypoxylon truncatum (Starbäck) Y.M. Ju, J.D. Rogers & H.M. Hsieh [D:JPN]

Gen.236 *Daldinia* Ces. & De Not.

Daldinia californica Lloyd [D:NEC]

Daldinia carpinicola Lar.N. Vassiljeva & M. Stadler [D:NEC/FER]

Daldinia childiae J.D. Rogers & Y.M. Ju [D:NEC/FER/MNG/KOR/JPN]

Daldinia concentrica (Bolton) Ces. & De Not. [D:NEC/MNG/KOR]

Daldinia eschscholtzii (Ehrenb.) Rehm [D:KOR/JPN]

Daldinia fissa Lloyd [D:JPN]

Daldinia gelatinoides Lar.N. Vassiljeva [D:NEC/FER]

Daldinia grandis Child [D:NEC]

Daldinia lloydii Y.M. Ju, J.D. Rogers & F. San Martín [D:NEC/MNG]

Daldinia loculata (Lév.) Sacc. [D:NEC/KOR]

Daldinia vernicosa Ces. & De Not. [D:KOR]

Gen.237 *Entonaema* Möller

Entonaema cinnabarinum (Cooke & Massee) Lloyd [D:NEC]

Entonaema liquescens Möller [D:NEC/KOR/JPN]

Gen.238 *Hypomontagnella* Sir, L. Wendt & C. Lamb.

Hypomontagnella submonticulosa (Y.M. Ju & J.D. Rogers) Sir, L. Wendt & C. Lamb. [D:FER]

Gen.239 *Hypoxylon* Bull.

Hypoxylon atromaculosum S. Ito & S. Imai [D:JPN]

Hypoxylon cercidicola (Berk. & M.A. Curtis ex Peck) Y.M. Ju & J.D. Rogers [D:FER]

Hypoxylon crocopeplum Berk. & M.A. Curtis [D:NEC/FER]

Hypoxylon cyanescens Hai X. Ma, Lar.N. Vassiljeva & Yu Li [D:FER]

Hypoxylon dearnessii Y.M. Ju & J.D. Rogers [D:NEC/FER]

Hypoxylon fragiforme (Pers.) J. Kickx f. [D:MNG/KOR/JPN]

Hypoxylon fusconigrum S. Ito & S. Imai [D:JPN]

Hypoxylon fuscopurpureum (Schwein.) M.A. Curtis [D:NEC/FER]

Hypoxylon fuscum (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Hypoxylon howeanum Peck [D:NEC/KOR]

Hypoxylon hypomiltum var. *hypomiltum* Mont. [D:JPN]

Hypoxylon laschii Nitschke [D:FER]

Hypoxylon perforatum (Schwein.) Fr. [D:FER]

Hypoxylon rubiginosum (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Hypoxylon rutilum Tul. & C. Tul. [D:NEC/KOR]

Hypoxylon subgilvum Berk. & Broome [D:JPN]

Hypoxylon tassianum (Ces. & De Not.) P.M.D. Martin [D:FER]

Hypoxylon ulmophilum Lar.N. Vassiljeva [D:FER]

Hypoxylon vinosopulvinatum Y.M. Ju [D:KOR]

Hypoxylon viride Yasuda [D:JPN]

Hypoxylon vogesiacum (Pers. ex Curr.) Sacc. [D:FER]

Gen.240 *Jackrogersella* L. Wendt, Kuhnert & M. Stadler

Jackrogersella cohaerens (Pers.) L. Wendt, Kuhnert & M. Stadler [D:JPN]

Jackrogersella multiformis (Fr.) L. Wendt, Kuhnert & M. Stadler [D:FER/JPN]

Gen.241 *Thuemenella* Penz. & Sacc.

Thuemenella cubispora (Ellis & Holw.) Boedijn [D:FER]

Fam. Xylariaceae Tul. & C. Tul.

Gen.242 *Heteroxylaria* Hai X. Ma, A.H. Zhu & Y. Li

Heteroxylaria aciculiformis D.H. Kim, Y.N. Kwag & H.S. Kim [D:KOR]

Heteroxylaria oxyacanthae (Tul. & C. Tul.) Hai X. Ma, A.H. Zhu & Y. Li [D:NEC/KOR]

Gen.243 *Kretzschmaria* Fr.

Kretzschmaria clavus (Fr.) Sacc. [D:JPN]

Kretzschmaria frustulosa (Berk. & M.A. Curtis) P.M.D. Martin [D:FER]

Kretzschmaria quercicola J.H. Yun & D.Han Kim [D:KOR]

Gen.244 *Nummauxia* Lar.N. Vassiljeva & S.L. Stephenson

Nummauxia succenturiata (Tode) Lar.N. Vassiljeva & S.L. Stephenson [D:FER]

Gen.245 *Podosordaria* Ellis & Holw.

Podosordaria heloidea (Penz. & Sacc.) P.M.D. Martin [D:JPN]

Podosordaria jugoyasan (Hara) Furuya & Udagawa [D:JPN]

Podosordaria leporina (Ellis & Everh.) Dennis [D:JPN]

Gen.246 *Poronia* Willd.

Poronia punctata (L.) Fr. [D:NEC/MNG]

Gen.247 *Rosellinia* De Not.

Rosellinia aquila (Fr.) Ces. & De Not. [D:JPN]

Rosellinia conferta Lar.N. Vassiljeva [D:FER]

Rosellinia corticium (Schwein.) Sacc. [D:FER]

Rosellinia diathrausta (Rehm) L.E. Petrini [D:JPN]

Rosellinia thelena (Fr.) Rabenh. [D:KOR]

Rosellinia tienpinensis Teng [D:FER]

Gen.248 *Ustulina* Tul. & C. Tul.

Ustulina deusta (Hoffm.) Maire [D:FER/KOR/JPN]

Gen.249 *Xylaria* Hill ex Schrank

Xylaria aemulans Starbäck [D:NEC]

Xylaria anisopleura (Mont.) Fr. [D:JPN]

Xylaria apiculata Cooke [D:JPN]

Xylaria arbuscula Sacc. [D:JPN]

Xylaria atrosphaerica (Cooke & Massee) Callan & J.D. Rogers [D:NEC]

Xylaria betulicola Hai X. Ma, Lar.N. Vassiljeva & Yu Li [D:NEC]

Xylaria bipindensis Lloyd [D:NEC]

Xylaria caespitulosa Ces. [D:NEC]

Xylaria calocephala Syd. & P. Syd. [D:NEC]

Xylaria carpophila (Pers.) Fr. [D:NEC/KOR/JPN]

Xylaria corniformis (Fr.) Fr. [D:NEC/JPN]

Xylaria crinalis Hai X. Ma, Lar.N. Vassiljeva & Yu Li [D:NEC]

Xylaria cubensis (Mont.) Fr. [D:FER/JPN]

Xylaria euglossa Fr. [D:NEC]

Xylaria filiformis (Alb. & Schwein.) Fr. [D:FER/KOR]

Xylaria flabelliformis (Schwein.) Berk. & M.A. Curtis [D:JPN]

Xylaria frustulosa (Berk. & M.A. Curtis) Cooke [D:FER/KOR]

Xylaria gwangneungensis D.H. Kim, Y.N. Kwag & C.S. Kim [D:KOR]

Xylaria hypoxylon (L.) Grev. [D:NEC/FER/KOR/JPN]

Xylaria longipes Nitschke [D:NEC/KOR/JPN]

Xylaria luteostromata Lloyd [D:JPN]

Xylaria magnoliae J.D. Rogers [D:JPN]

Xylaria persicaria (Schwein.) Berk. & M.A. Curtis [D:KOR]

Xylaria polymorpha (Pers.) Grev. [D:NEC/FER/KOR/JPN]

Xylaria pratimongolica D.H. Kim, Y.N. Kwag & S.K. Han [D:KOR]

Xylaria primorskensis Y.M. Ju, H.M. Hsieh, Lar.N. Vassiljeva & Akulov [D:NEC/FER/KOR]

Xylaria ripicola Chang S. Kim & S.K. Han [D:KOR]

Xylaria sanchezii Lloyd [D:NEC]

Xylaria tabacina (J. Kickx f.) Berk. [D:JPN]

Xylaria tentaculata Ravenel ex Berk. [D:KOR]

Phy. Basidiomycota R.T. Moore

Cla. Agaricomycetes Doweld

Ord. Agaricales Underw.

Fam. Agaricaceae Chevall.

Gen.250 *Agaricus* L.

Agaricus abruptibulbus Peck [D:NEC/FER/KOR/JPN]

Agaricus albiceps R.L. Zhao & B. Cao [D:NEC]

Agaricus alboumbonatus R.L. Zhao & B. Cao [D:NEC]

Agaricus altipes (F.H. Møller) F.H. Møller [D:FER]

Agaricus amoenomyces R.L. Zhao [D:KOR]

Agaricus argenteus With. [D:NEC]

Agaricus aridicola Geml, Geiser & Royse ex A. Mateos, J. Morales, J.A. Muñoz, Rey & C. Tovar [D:MNG]

Agaricus aristocratus Gulden [D:FER]

Agaricus arvensis Schaeff. [D:NEC/FER/MNG/KOR/JPN]

Agaricus atrodiscus Linda J. Chen, Callac, R.L. Zhao & K.D. Hyde [D:KOR]

Agaricus atroumbonatus H. Bashir, J. Khan, Khalid, L.A. Parra & Callac [D:NEC]

Agaricus augustus Fr. [D:NEC/FER/KOR]

Agaricus aurantipileatus T. Bau & S.E. Wang [D:NEC]

Agaricus behringensis Berk. & M.A. Curtis [D:FER]

Agaricus beijingensis R.L. Zhao, Z.L. Ling & J.L. Zhou [D:NEC]

Agaricus bernardii Quél. [D:NEC/MNG]

Agaricus bilamellatus Villars [D:NEC]

Agaricus bisporus (J.E. Lange) Imbach [D:NEC/FER/KOR/JPN]

Agaricus bisporus var. *bisporus* (J.E. Lange) Imbach [D:KOR]

Agaricus bitorquis (Quél.) Sacc. [D:NEC/FER]

Agaricus blatteus M.Q. He & R.L. Zhao [D:NEC]

Agaricus blazei Murrill [D:NEC/KOR/JPN]

Agaricus bresadolanus Bohus [D:NEC]

Agaricus bretschneideri Kalchbr. [D:NEC]

Agaricus brunneolus (J.E. Lange) Pilát [D:NEC/FER/KOR]

Agaricus butyreburneus Kerrigan, Guinb. & Callac [D:NEC]

Agaricus campestris L. [D:NEC/FER/MNG/KOR/JPN]

Agaricus comptulus Fr. [D:FER]

Agaricus comtulellus S. Imai [D:NEC]

Agaricus comtulus Fr. [D:NEC/FER/KOR/JPN]

Agaricus crocodilinus Murrill [D:NEC/FER/KOR/JPN]

Agaricus crocopeplus Berk. & Broome [D:NEC]

Agaricus cupreobrunneus (Jul. Schäff. & Steer) Pilát [D:FER]

Agaricus daqinggouensis T. Bau & S.E. Wang [D:NEC]

Agaricus decoratus Lindgr. [D:NEC]

Agaricus dilatostipes M.Q. He & R.L. Zhao [D:NEC/KOR]

Agaricus diminutivus Peck [D:FER/KOR]

Agaricus dolichocaulis R.L. Zhao & B. Cao [D:NEC]

Agaricus dolichopus R.L. Zhao [D:NEC]

Agaricus dulcidulus Schulzer [D:NEC/FER/KOR/JPN]

Agaricus extinctoriiformis I.G. Borshch. [D:FER]

Agaricus floccularis T. Bau & S.E. Wang [D:NEC]

Agaricus flocculosipes R.L. Zhao, Desjardin, Guinb. & K.D. Hyde [D:KOR]

Agaricus friesianus L.A. Parra, Olariaga & Callac [D:NEC]

Agaricus griseopileatus T. Bau & S.E. Wang [D:NEC]

Agaricus guizhouensis Y. Gui, Zuo Y. Liu & K.D. Hyde [D:NEC/KOR]

Agaricus hahashimensis S. Ito & S. Imai [D:JPN]

Agaricus halophilus Peck [D:NEC]

Agaricus impudicus (Rea) Pilát [D:FER/KOR]

Agaricus jezoensis S. Imai [D:JPN]

Agaricus karstomyces R.L. Zhao [D:KOR]

Agaricus langei (F.H. Møller) F.H. Møller [D:NEC/FER]

Agaricus linzhiensis R.L. Zhao [D:NEC]

Agaricus litoralis (Wakef. & A. Pearson) Pilát [D:NEC/FER]

Agaricus longistipes Y. Gui, Zuo Y. Liu, Callac, L.A. Parra & K.D. Hyde [D:NEC]

Agaricus lutosus F.H. Møller [D:FER]

Agaricus macrolepis (Pilát & Pouzar) Boisselet & Courtec. [D:FER]

Agaricus macropeplus H. Bashir, J. Khan, Khalid & L.A. Parra [D:KOR]

Agaricus malangelus Kerrigan [D:NEC]

Agaricus megacarpus R.L. Zhao & B. Cao [D:NEC]

Agaricus megalocarpus Y. Gui, Zuo Y. Liu, Callac, L.A. Parra & K.D. Hyde [D:NEC]

Agaricus meleagris With. [D:FER]

Agaricus menieri Bon [D:KOR/JPN]

Agaricus micromegethus Peck [D:NEC]

Agaricus minimus (Ricken) Pilát [D:FER]

Agaricus moelleri Wasser [D:NEC/FER/KOR/JPN]

Agaricus muralis Sowerby [D:FER]

Agaricus pallens (J.E. Lange) L.A. Parra [D:NEC]

Agaricus parvibicolor Linda J. Chen, R.L. Zhao & K.D. Hyde [D:KOR]

Agaricus parvibrunneus M.Q. He, K.D. Hyde & R.L. Zhao [D:NEC]

Agaricus perturbans E. Ludw. & W. Pohl [D:NEC]

Agaricus phaeolepidotus F.H. Møller [D:NEC]

Agaricus pietatis L.A. Parra & A. Caball. [D:NEC]

Agaricus placomyces Peck [D:NEC/FER/KOR/JPN]

Agaricus porphyrizon P.D. Orton [D:NEC/FER]

Agaricus praerimosus Peck [D:NEC/FER]

Agaricus pseudopallens M.Q. He & R.L. Zhao [D:NEC/KOR]

Agaricus pseudopratensis (Bohus) Wasser [D:NEC]

Agaricus pyricystis R.L. Zhao & B. Cao [D:NEC]

Agaricus rubribrunnescens Murrill [D:NEC]

Agaricus rubripes J.F. Zheng [D:KOR]

Agaricus rusiophyllus Lasch [D:FER]

Agaricus semotellus S. Imai [D:JPN]

Agaricus semotus Fr. [D:NEC/FER/KOR]

Agaricus septicus Fr. [D:FER]

Agaricus silvicolae-similis Bohus & Locsmándi [D:NEC/FER/MNG/KOR/JPN]

Agaricus sinoagrocyboides T. Bau & S.E. Wang [D:NEC]

Agaricus sinoplacomyces Callac & R.L. Zhao [D:NEC]

Agaricus subfloccosus (J.E. Lange) Hlaváček [D:KOR]

Agaricus subrufescens Peck [D:NEC/FER/KOR/JPN]

Agaricus subrutilescens (Kauffman) Hotson & D.E. Stuntz [D:NEC/FER/KOR/JPN]

Agaricus subtilissimus Oudem. [D:NEC]

Agaricus sylvaticus Schaeff. [D:NEC/FER/MNG/KOR/JPN]

Agaricus sylvicola (Vittad.) Peck [D:NEC/FER]

Agaricus tephrolepidus L.A. Parra, C. Billette, Angelini, G. Mata & Callac [D:NEC]

Agaricus tibetensis J.L. Zhou & R.L. Zhao [D:NEC]

Agaricus trochilus Lasch ex Fr. [D:FER]

Agaricus tytthocarpus R.L. Zhao [D:KOR]

Agaricus velutinosus T. Bau & S.E. Wang [D:NEC]

Agaricus venifer Berk. & M.A. Curtis [D:FER]

Agaricus xanthodermulus Callac & Guinb. [D:KOR]

Agaricus xanthodermus Genev. [D:NEC/FER/MNG]

Agaricus xantholepis F.H. Møller [D:FER]

Gen.251 *Battarrea* Pers.

Battarrea phalloides (Dicks.) Pers. [D:NEC/FER/MNG]

Gen.252 *Chamaemyces* Battarra ex Earle

Chamaemyces fracidus (Fr.) Donk [D:NEC]

Gen.253 *Chlorophyllum* Massee

Chlorophyllum agaricoides (Czern.) Vellinga [D:NEC/FER/MNG/JPN]

Chlorophyllum alborubescens (Hongo) Vellinga [D:KOR/JPN]

Chlorophyllum hortense (Murrill) Vellinga [D:KOR]

Chlorophyllum molybdites (G. Mey.) Massee [D:NEC/FER/KOR/JPN]

Chlorophyllum neomastoideum (Hongo) Vellinga [D:KOR/JPN]

Chlorophyllum olivieri (Barla) Vellinga [D:NEC/FER]

Chlorophyllum rhacodes (Vittad.) Vellinga [D:FER/KOR/JPN]

Chlorophyllum sphaerosporum Z.W. Ge & Zhu L. Yang [D:NEC]

Gen.254 *Coprinus* Pers.

Coprinus boninensis S. Ito & S. Imai [D:KOR/JPN]

Coprinus comatus (O.F. Müll.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Coprinus ebulbosus Peck [D:NEC]

Coprinus fimetarius Fr. [D:FER]

Coprinus hexagonosporus Joss. [D:FER/JPN]

Coprinus ornatus Copel. [D:NEC]

Coprinus squamosus Morgan [D:FER]

Coprinus sterquilinus (Fr.) Fr. [D:NEC/KOR/JPN]

Coprinus velox Godey [D:FER]

Coprinus vosoustii Pilát [D:NEC/MNG]

Gen.255 *Cystolepiota* Singer

Cystolepiota changbaishanensis T. Bau & X.Y. Zhou [D:NEC]

Cystolepiota eriophora (Peck) Knudsen [D:NEC/FER]

Cystolepiota hetieri (Boud.) Singer [D:NEC/FER/KOR/JPN]

Cystolepiota hetieriana (Locq.) Bresinsky & H. Haas [D:FER]

Cystolepiota hongshiensis T. Bau & X.Y. Zhou [D:NEC]

Cystolepiota luteosquamulosa T. Bau & X.Y. Zhou [D:NEC]

Cystolepiota moelleri Knudsen [D:FER/KOR]

Cystolepiota nivalis T. Bau & X.Y. Zhou [D:NEC]

Cystolepiota pseudogranulosa (Berk. & Broome) Pegler [D:NEC/FER/KOR/JPN]

Cystolepiota seminuda (Lasch) Bon [D:NEC/FER/JPN]

Cystolepiota sistrata (Fr.) Singer ex Bon & Bellù [D:FER]

Cystolepiota squamulosa (T. Bau & Yu Li) Zhu L. Yang [D:NEC]

Gen.256 *Echinoderma* (Locq. ex Bon) Bon

Echinoderma asperum (Pers.) Bon [D:NEC/FER/KOR/JPN]

Echinoderma calcicola (Knudsen) Bon [D:JPN]

Echinoderma echinaceum (J.E. Lange) Bon [D:NEC/FER]

Echinoderma flavidoasperum Y.J. Hou & Z.W. Ge [D:NEC]

Echinoderma hystrix (F.H. Møller & J.E. Lange) Bon [D:FER/KOR/JPN]

Echinoderma jacobi (Vellinga & Knudsen) Gminder [D:FER]

Echinoderma perplexum (Knudsen) Bon [D:NEC]

Echinoderma pseudoasperulum (Knudsen) Bon [D:NEC/FER]

Gen.257 *Gyrophragmium* Mont.

Gyrophragmium delilei Mont. [D:NEC]

Gen.258 *Holocotylon* Lloyd

Holocotylon dermoxanthum (Vittad.) R.L. Zhao & J.Xin Li [D:NEC/JPN]

Holocotylon rupicola (Jeppson, E. Larss. & M.P. Martín) R.L. Zhao & J.Xin Li [D:NEC/FER]

Gen.259 *Lepiota* (Pers.) Gray

Lepiota apatelia Vellinga & Huijser [D:FER]

Lepiota atrodisca Zeller [D:NEC]

Lepiota atrovinosa S. Imai [D:JPN]

Lepiota aurantioflava Hongo [D:KOR/JPN]

Lepiota boninensis S. Ito & S. Imai [D:JPN]

Lepiota boudieri Bres. [D:FER]

Lepiota brunneoincarnata Chodat & C. Martín [D:NEC/FER]

Lepiota castanea Quél. [D:NEC/FER/KOR/JPN]

Lepiota cinnamomea Cleland [D:NEC/KOR/JPN]

Lepiota citrophylla (Berk. & Broome) Sacc. [D:FER/JPN]

Lepiota clypeolaria (Bull.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Lepiota clypeolarioides Rea [D:NEC/JPN]

Lepiota cristata (Bolton) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Lepiota echinella Quél. & G.E. Bernard [D:FER]

Lepiota erminea (Fr.) P. Kumm. [D:NEC/FER/MNG]

Lepiota felina (Pers.) P. Karst. [D:FER/KOR]

Lepiota flava Beeli [D:NEC/JPN]

Lepiota fusciceps Hongo [D:NEC/KOR/JPN]

Lepiota fuscovinacea F.H. Møller & J.E. Lange [D:JPN]

Lepiota grangei (Eyre) Kühner [D:FER/KOR/JPN]

Lepiota griseovirens Maire [D:FER]

Lepiota helveola Bres. [D:NEC/JPN]

Lepiota hemisoodes Sacc. [D:JPN]

Lepiota ianthinosquamosa Pegler [D:NEC]

Lepiota ignivolvata Bousset & Joss. ex Joss. [D:JPN]

Lepiota inconspicua S. Ito & S. Imai [D:JPN]

Lepiota lepida Guinb. & M. Bodin [D:FER]

Lepiota lilacea Bres. [D:FER]

Lepiota magnispora Murrill [D:NEC/FER/KOR/JPN]

Lepiota metulispora (Berk. & Broome) Sacc. [D:NEC/FER]

Lepiota micropholis (Berk. & Broome) Sacc. [D:KOR/JPN]

Lepiota neophana Morgan [D:FER]

Lepiota oreadiformis Velen. [D:FER]

Lepiota otsuensis (Hongo) Hongo [D:NEC/KOR/JPN]

Lepiota parvannulata (Lasch) Gillet [D:FER]

Lepiota praetervisa Hongo [D:KOR/JPN]

Lepiota pseudofelina J.E. Lange [D:FER]

Lepiota pseudolilacea Huijsman [D:NEC/FER]

Lepiota rufipes Morgan [D:FER]

Lepiota scobinella (Fr.) Gillet [D:FER]

Lepiota sericea Massee [D:NEC]

Lepiota spiculata Pegler [D:NEC]

Lepiota subalba Kühner ex P.D. Orton [D:NEC/FER/JPN]

Lepiota subamanitiformis S. Imai [D:JPN]

Lepiota subcitrophylla Hongo [D:NEC/KOR/JPN]

Lepiota subgracilis Kühner [D:FER]

Lepiota subincarnata J.E. Lange [D:NEC/FER]

Lepiota subtropica Hongo [D:JPN]

Lepiota tomentella J.E. Lange [D:NEC/FER]

Lepiota virescens (Speg.) Morgan [D:FER]

Lepiota wasseri Bon [D:FER]

Lepiota xanthophylla P.D. Orton [D:NEC/FER/JPN]

Gen.260 *Leucoagaricus* Locq. ex Singer

Leucoagaricus atrosquamulosus (Hongo) Z.W. Ge & Zhu L. Yang [D:NEC/KOR/JPN]

Leucoagaricus lateritiopurpureus (Lj.N. Vassiljeva) E.F. Malysheva, Svetash. & E.M. Bulakh [D:NEC/FER]

Gen.261 *Leucocoprinus* Pat.

Leucocoprinus albosquamosus (Y.R. Ma, Z.W. Ge & T.Z. Liu) M. Asif, Saba & Vellinga [D:NEC]

Leucocoprinus atroviridis (Y.R. Ma, Z.W. Ge & T.Z. Liu) M. Asif, Saba & Vellinga [D:NEC]

Leucocoprinus aurantioruber (Y.R. Ma, Z.W. Ge & T.Z. Liu) M. Asif, Saba & Vellinga [D:NEC]

Leucocoprinus badhamii (Berk. & Broome) Locq. [D:FER]

Leucocoprinus birnbaumii (Corda) Singer [D:FER/KOR/JPN]

Leucocoprinus brebissonii (Godey) Locq. [D:NEC/JPN]

Leucocoprinus candidus (Y.R. Ma, Z.W. Ge & T.Z. Liu) M. Asif & Saba [D:NEC]

Leucocoprinus centricastaneus (Y.R. Ma, Z.W. Ge & T.Z. Liu) M. Asif, Saba & Vellinga [D:NEC]

Leucocoprinus cepistipes (Sowerby) Pat. [D:FER/KOR/JPN]

Leucocoprinus cinerascens (Quél.) Locq. [D:NEC]

Leucocoprinus coerulescens (Peck) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:FER]

Leucocoprinus cretaceus (Bull.) Locq. [D:KOR/JPN]

Leucocoprinus cygneus (J.E. Lange) Bon [D:NEC/FER/KOR/JPN]

Leucocoprinus fragilissimus (Ravenel ex Berk. & M.A. Curtis) Pat. [D:NEC/KOR/JPN]

Leucocoprinus georginae (W.G. Sm.) M. Asif, Saba & Vellinga [D:FER]

Leucocoprinus ianthinus (Sacc.) P. Mohr [D:KOR/JPN]

Leucocoprinus lanzonii Bon, Migl. & Brunori [D:KOR]

Leucocoprinus leucothites (Vittad.) Redhead [D:NEC/FER/JPN]

Leucocoprinus nivalis (W.F. Chiu) M. Asif, Saba & Vellinga [D:NEC]

Leucocoprinus nympharum (Kalchbr.) M. Asif, Saba & Vellinga [D:NEC/FER]

Leucocoprinus proximus (E.F. Malysheva, Svetash. & E.M. Bulakh) M. Asif, Saba & Vellinga [D:FER]

Leucocoprinus rubrobrunneus (E.F. Malysheva, Svetash. & E.M. Bulakh) M. Asif, Saba & Vellinga [D:FER]

Leucocoprinus rubrotinctus (Peck) Redhead [D:NEC/FER/KOR/JPN]

Leucocoprinus serenus (Fr.) M. Asif, Saba & Vellinga [D:FER]

Leucocoprinus sericifer (Locq.) M. Asif, Saba & Vellinga [D:FER]

Leucocoprinus straminellus (Bagl.) Narducci & Caroti [D:FER/KOR/JPN]

Leucocoprinus subglobisporus Hongo [D:NEC/KOR/JPN]

Leucocoprinus subpurpureolilacinus (Z.W. Ge & Zhu L. Yang) M. Asif, Saba & Vellinga [D:KOR]

Leucocoprinus vassiljevae (E.F. Malysheva, Svetash. & E.M. Bulakh) M. Asif, Saba & Vellinga [D:FER]

Leucocoprinus virens (Y.R. Ma, Z.W. Ge & T.Z. Liu) M. Asif, Saba & Vellinga [D:NEC]

Leucocoprinus viridiflavus (Petch) E. Ludw. [D:JPN]

Gen.262 *Macrolepiota* Singer

Macrolepiota albuminosa (Berk.) Pegler [D:NEC]

Macrolepiota crustosa L.P. Shao & C.T. Xiang [D:NEC]

Macrolepiota detersa Z.W. Ge, Zhu L. Yang & Vellinga [D:KOR/JPN]

Macrolepiota excoriata (Schaeff.) Wasser [D:NEC/FER/MNG]

Macrolepiota mastoidea (Fr.) Singer [D:NEC/FER/KOR]

Macrolepiota procera (Scop.) Singer [D:NEC/FER/MNG/KOR/JPN]

Macrolepiota prominens (Sacc.) M.M. Moser [D:NEC/FER]

Macrolepiota umbonata H.J. Cho, H. Lee & Y.W. Lim [D:KOR]

Gen.263 *Macropsalliota* Kun L. Yang, Jia Y. Lin & Zhu L. Yang

Macropsalliota americana (Peck) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:FER/KOR/JPN]

Macropsalliota meleagris (Gray) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:JPN]

Gen.264 *Melanophyllum* Velen.

Melanophyllum eyrei (Massee) Singer [D:FER/KOR/JPN]

Melanophyllum haematospermum (Bull.) Kreisel [D:NEC/FER/KOR/JPN]

Gen.265 *Montagnea* Fr.

Montagnea arenaria (DC.) Zeller [D:NEC/MNG]

Montagnea haussknechtii Rabenh. [D:NEC/MNG]

Gen.266 *Mycenastrum* Desv.

Mycenastrum corium (Guers.) Desv. [D:NEC/FER]

Gen.267 *Podaxis* Desv.

Podaxis pistillaris (L.) Fr. [D:NEC]

Gen.268 *Queletia* Fr.

Queletia mirabilis Fr. [D:JPN]

Gen.269 *Schizostoma* Ehrenb. ex Lév.

Schizostoma bailingmiaoense B. Liu, Z.Y. Li & Du [D:NEC]

Schizostoma laceratum (Ehrenb. ex Fr.) Lév. [D:NEC/MNG]

Gen.270 *Tulostoma* Pers.

Tulostoma adhaerens Lloyd [D:JPN]

Tulostoma bonianum Pat. [D:NEC]

Tulostoma brevistipitatum B. Liu, Z.Y. Li & Du [D:NEC]

Tulostoma brumale Pers. [D:NEC/MNG/JPN]

Tulostoma cineraceum Long [D:MNG]

Tulostoma costatum B. Liu [D:NEC]

Tulostoma cretaceum Long [D:MNG]

Tulostoma evanescens Long & S. Ahmad [D:MNG]

Tulostoma fimbriatum Fr. [D:NEC/MNG/JPN]

Tulostoma fulvellum Bres. [D:JPN]

Tulostoma innermongolicum B. Liu [D:NEC]

Tulostoma intramongolicum B. Liu [D:NEC]

Tulostoma kotlabae Pouzar [D:NEC/MNG]

Tulostoma melanocyclum Bres. [D:MNG]

Tulostoma perplexum Long & S. Ahmad [D:NEC]

Tulostoma pulchellum Sacc. [D:MNG]

Tulostoma simulans Lloyd [D:FER]

Tulostoma squamosum (J.F. Gmel.) Pers. [D:NEC/JPN]

Tulostoma striatum G. Cunn. [D:NEC/MNG]

Tulostoma subsquamosum Long & S. Ahmad [D:NEC]

Tulostoma variisporum B. Liu, Z.Y. Li & Du [D:NEC]

Tulostoma volvulatum I.G. Borshch. [D:NEC]

Tulostoma yulinense B. Liu, Z.Y. Li & Du [D:NEC]

Fam. Amanitaceae E.-J. Gilbert

Gen.271 *Amanita* Pers.

Amanita abrupta Peck [D:KOR/JPN]

Amanita agglutinata (Berk. & M.A. Curtis) Lloyd [D:NEC/FER]

Amanita albida Yadw. Singh & M. Kaur [D:JPN]

Amanita alboflavescens Hongo [D:NEC/KOR/JPN]

Amanita arctica Bas, Knudsen & T. Borgen [D:NEC]

Amanita areolata T. Oda, C. Tanaka & Tsuda [D:JPN]

Amanita avellaneosquamosa (S. Imai) S. Imai [D:NEC/JPN]

Amanita baccata (Fr.) Gillet [D:FER]

Amanita battarrae (Boud.) Bon [D:NEC/FER/JPN]

Amanita bivolvata Peck [D:FER]

Amanita bresadolana Neville & Poumarat [D:KOR]

Amanita brunneofolia J.W. Jo, H.S. Kim, Kwag & Chang S. Kim [D:KOR]

Amanita brunneofuliginea Zhu L. Yang [D:NEC]

Amanita caesarea (Scop.) Pers. [D:NEC/FER/KOR/JPN]

Amanita caesareoides Lj.N. Vassiljeva [D:NEC/FER/KOR]

Amanita calida Plaza & Illescas [D:NEC]

Amanita caojizong Zhu L. Yang, Y.Y. Cui & Q. Cai [D:KOR]

Amanita castanopsidis Hongo [D:NEC/KOR/JPN]

Amanita ceciliae (Berk. & Broome) Bas [D:NEC/FER/KOR/JPN]

Amanita cheelii P.M. Kirk [D:KOR/JPN]

Amanita chepangiana Tulloss & Bhandary [D:NEC]

Amanita cinereoflava A.S. Lupala, D. Kim, J.W. Jo & Y.W. Lim [D:KOR]

Amanita citrina Pers. [D:NEC/FER/KOR/JPN]

Amanita citrina var. *citrina* Pers. [D:JPN]

Amanita clarisquamosa (S. Imai) S. Imai [D:NEC/JPN]

Amanita cokeri E.-J. Gilbert & Kühner ex E.-J. Gilbert [D:NEC/FER/JPN]

Amanita concentrica T. Oda, C. Tanaka & Tsuda [D:NEC/JPN]

Amanita coryli Neville & Poumarat [D:NEC]

Amanita cothurnata G.F. Atk. [D:FER]

Amanita contui Bon & Courtec. [D:FER]

Amanita crocea (Quél.) Singer [D:NEC/FER/MNG/KOR]

Amanita echinocephala (Vittad.) Quél. [D:KOR]

Amanita eijii Zhu L. Yang [D:NEC/KOR]

Amanita esculenta Hongo & I. Matsuda [D:NEC/KOR/JPN]

Amanita excelsa (Fr.) Bertill. [D:NEC/FER/KOR/JPN]

Amanita farinosa Schwein. [D:FER/KOR/JPN]

Amanita firma E.F. Malysheva & Malysheva [D:FER]

Amanita flavipes S. Imai [D:NEC/FER/KOR/JPN]

Amanita flavoconia G.F. Atk. [D:NEC]

Amanita franchetii (Boud.) Fayod [D:NEC/KOR]

Amanita friabilis (P. Karst.) Bas [D:FER]

Amanita fritillaria (Sacc.) Sacc. [D:NEC/KOR]

Amanita fuliginea Hongo [D:NEC/KOR/JPN]

Amanita fulva Fr. [D:NEC/FER/KOR/JPN]

Amanita fulvoides Neville & Poumarat [D:NEC]

Amanita fuscocinerea A.S. Lupala, D. Kim, J.W. Jo & Y.W. Lim [D:KOR]

Amanita gemmata (Fr.) Bertill. [D:FER/KOR]

Amanita grandispora (G.W. Beaton, Pegler & T.W.K. Young) Justo [D:JPN]

Amanita griseofarinosa Hongo [D:NEC/KOR/JPN]

Amanita griseofolia Zhu L. Yang [D:NEC/KOR]

Amanita griseoturcosa T. Oda, C. Tanaka & Tsuda [D:NEC/KOR/JPN]

Amanita groenlandica Bas ex Knudsen & T. Borgen [D:FER]

Amanita gymnopus Corner & Bas [D:KOR/JPN]

Amanita hamadae Nagas. & Hongo [D:NEC/JPN]

Amanita hemibapha (Berk. & Broome) Sacc. [D:NEC/KOR/JPN]

Amanita hongoi Bas [D:NEC/JPN]

Amanita ibotengutake T. Oda, C. Tanaka & Tsuda [D:NEC/KOR/JPN]

Amanita imazekii T. Oda, C. Tanaka & Tsuda [D:NEC/KOR/JPN]

Amanita incarnatifolia Zhu L. Yang [D:NEC/KOR]

Amanita japonica Hongo ex Bas [D:NEC/KOR/JPN]

Amanita javanica (Corner & Bas) T. Oda, C. Tanaka & Tsuda [D:KOR/JPN]

Amanita kotohiraensis Nagas. & Mitani [D:NEC/KOR/JPN]

Amanita kwangsiensis Y.C. Wang [D:NEC]

Amanita lavendula (Coker) Tulloss, K.W. Hughes, Rodrig.-Cayc. & Kudzma [D:KOR]

Amanita lividopallescens (Gillet) Bigeard & H. Guill. [D:FER]

Amanita longistriata S. Imai [D:NEC/FER/KOR/JPN]

Amanita lutescens Hongo [D:KOR/JPN]

Amanita macrospora H.L. Stewart & Grund [D:NEC]

Amanita mairei Foley [D:JPN]

Amanita manginiana Har. & Pat. [D:NEC/KOR]

Amanita melleiceps Hongo [D:NEC/KOR/JPN]

Amanita miculifera Bas & Hatan. [D:JPN]

Amanita modesta Corner & Bas [D:KOR]

Amanita molliuscula Q. Cai, Zhu L. Yang & Y.Y. Cui [D:NEC]

Amanita multisquamosa Peck [D:KOR]

Amanita muscaria (L.) Lam. [D:NEC/FER/MNG/KOR/JPN]

Amanita neo-ovoidea Hongo [D:NEC/KOR/JPN]

Amanita nivalis Grev. [D:NEC/FER]

Amanita oberwinkleriana Zhu L. Yang & Yoshim. Doi [D:NEC/KOR]

Amanita olivaceogrisea Kalamees [D:NEC/FER]

Amanita onusta (Howe) Sacc. [D:NEC]

Amanita orientifulva Zhu L. Yang, M. Weiss & Oberw. [D:NEC/KOR]

Amanita orientigemmata Zhu L. Yang & Yoshim. Doi [D:NEC/JPN]

Amanita orientisororia T. Bau & Zhu L. Yang [D:NEC]

Amanita orsonii Ash. Kumar & T.N. Lakh. [D:NEC/KOR]

Amanita ovoidea (Bull.) Link [D:NEC/FER/JPN]

Amanita pachycolea D.E. Stuntz [D:NEC]

Amanita pallidorosea P. Zhang & Zhu L. Yang [D:NEC/FER/KOR]

Amanita pantherina (DC.) Krombh. [D:NEC/FER/MNG/KOR/JPN]

Amanita paralongistriata A.S. Lupala, D. Kim, J.W. Jo & Y.W. Lim [D:KOR]

Amanita perpasta Corner & Bas [D:KOR/JPN]

Amanita phalloides (Vaill. ex Fr.) Link [D:NEC/FER/MNG/KOR/JPN]

Amanita pilosella Corner & Bas [D:KOR]

Amanita porphyria Alb. & Schwein. [D:NEC/FER/KOR/JPN]

Amanita pseudogemmata Hongo [D:NEC/KOR/JPN]

Amanita pseudoporphyria Hongo [D:NEC/KOR/JPN]

Amanita pseudovaginata Hongo [D:NEC/JPN]

Amanita pulchella S. Imai [D:FER/JPN]

Amanita quasibattarrae Svet. & E.F. Malysheva [D:FER]

Amanita recondita E.F. Malysheva [D:FER]

Amanita regalis (Fr.) Michael [D:NEC/FER/KOR]

Amanita rimosa P. Zhang & Zhu L. Yang [D:KOR]

Amanita roseolamellata A.E. Wood [D:JPN]

Amanita rubescens Pers. [D:NEC/FER/KOR/JPN]

Amanita rubromarginata Har. Takah. [D:JPN]

Amanita rubrovolvata S. Imai [D:NEC/KOR/JPN]

Amanita rufoferruginea Hongo [D:NEC/KOR/JPN]

Amanita satotamagotake Kodaira, N. Endo & A. Yamada [D:JPN]

Amanita sculpta Corner & Bas [D:NEC/JPN]

Amanita sepiacea S. Imai [D:NEC/KOR/JPN]

Amanita shennongjiana Y.Y. Cui, Q. Cai & Zhu L. Yang [D:NEC]

Amanita sichotensis E.F. Malysheva & Kovalenko [D:FER]

Amanita sinensis Zhu L. Yang [D:NEC/KOR/JPN]

Amanita sinocitrina Zhu L. Yang, Zuo H. Chen & Z.G. Zhang [D:JPN]

Amanita sphaerobulbosa Hongo [D:NEC/KOR]

Amanita spissacea S. Imai [D:KOR/JPN]

Amanita spreta (Peck) Sacc. [D:NEC/FER/KOR/JPN]

Amanita squarrosa Nagas. & Hongo [D:JPN]

Amanita strobiliformis (Paulet ex Vittad.) Bertill. [D:FER/KOR/JPN]

Amanita subfense A.S. Lupala, D. Kim, J.W. Jo & Y.W. Lim [D:KOR]

Amanita subglobosa Zhu L. Yang [D:NEC/KOR]

Amanita subjunquillea S. Imai [D:NEC/FER/KOR/JPN]

Amanita sychnopyramis Corner & Bas [D:NEC/FER/KOR/JPN]

Amanita timida Corner & Bas [D:NEC/JPN]

Amanita umbonibrunnea A.S. Lupala, D. Kim, J.W. Jo & Y.W. Lim [D:KOR]

Amanita vaginata (Bull.) Lam. [D:NEC/FER/MNG/KOR/JPN]

Amanita vaginata f. alba (Sacc.) Romagn. [D:KOR/JPN]

Amanita velatipes G.F. Atk. [D:KOR]

Amanita verna Bull. ex Lam. [D:NEC/FER/KOR/JPN]

Amanita virgineoides Bas [D:NEC/KOR/JPN]

Amanita virginiana (Murrill) Sacc. & Trotter [D:KOR]

Amanita virosa Bertill. [D:NEC/FER/KOR/JPN]

Amanita volvata (Peck) Lloyd [D:FER/KOR/JPN]

Amanita yanshanensis Hao Zhou bis & C.L. Hou [D:KOR]

Gen.272 *Aspidella* E.-J. Gilbert

Aspidella solitaria (Bull.) E.-J. Gilbert [D:JPN]

Gen.273 *Limacella* Earle

Limacella delicata (Fr.) Earle ex Konrad & Maubl. [D:NEC/FER/KOR/JPN]

Limacella olivaceobrunnea Hongo [D:JPN]

Limacella subglischra (S. Imai) S. Ito [D:JPN]

Gen.274 *Limacellopsis* Zhu L. Yang, Q. Cai & Y.Y. Cui

Limacellopsis guttata (Pers.) Zhu L. Yang, Q. Cai & Y.Y. Cui [D:FER]

Gen.275 *Saproamanita* Redhead, Vizzini, Drehmel & Contu

Saproamanita flavofloccosa (Nagas. & Hongo) Redhead, Vizzini, Drehmel & Contu [D:JPN]

Saproamanita thiersii (Bas) Redhead, Vizzini, Drehmel & Contu [D:FER/MNG]

Saproamanita vittadinii (Moretti) Redhead, Vizzini, Drehmel & Contu [D:FER]

Gen.276 *Zhuliangomyces* Redhead

Zhuliangomyces illinitus (Fr.) Redhead [D:NEC/FER]

Fam. Asproinocybaceae T. Bau & G.F. Mou

Gen.277 *Tricholosporum* Guzmán

Tricholosporum cossonianum (Maire) P.-A. Moreau & Contu [D:NEC/FER]

Tricholosporum goniospermum (Bres.) Guzmán ex T.J. Baroni [D:FER]

Tricholosporum haitangshanum Yu Li & J.Z. Xu [D:NEC]

Tricholosporum porphyrophyllum (S. Imai) Guzmán ex T.J. Baroni [D:NEC/JPN]

Fam. Biannulariaceae Jülich

Gen.278 *Bonomyces* Vizzini

Bonomyces sinopicus (Fr.) Vizzini [D:NEC/FER/KOR/JPN]

Gen.279 *Catathelasma* Lovejoy

Catathelasma imperiale (P. Karst.) Singer [D:NEC/FER/JPN]

Catathelasma ventricosum (Peck) Singer [D:NEC/FER/KOR/JPN]

Fam. Bolbitiaceae Singer

Gen.280 *Bolbitius* Fr.

Bolbitius bisporus E.F. Malysheva [D:NEC/FER]

Bolbitius coprophilus (Peck) Hongo [D:JPN]

Bolbitius demangei (Quél.) Sacc. & D. Sacc. [D:NEC/KOR/JPN]

Bolbitius lacteus J.E. Lange [D:FER]

Bolbitius reticulatus (Pers.) Ricken [D:FER/KOR/JPN]

Bolbitius titubans (Bull.) Fr. [D:NEC/FER/KOR/JPN]

Gen.281 *Conobolbitina* T. Bau & H.B. Song

Conobolbitina dasypus (Romagn.) T. Bau & H.B. Song [D:NEC/FER]

Conobolbitina ochroleuca T. Bau & H.B. Song [D:NEC]

Gen.282 *Conocybe* Fayod

Conocybe aberrans (Kühner) Kühner [D:NEC/FER]

Conocybe alkovii E.F. Malysheva [D:FER]

Conocybe ambigua Watling [D:FER]

Conocybe angulispora T. Bau & H.B. Song [D:NEC]

Conocybe antipus (Lasch) Kühner [D:NEC/JPN]

Conocybe apala (Fr.) Arnolds [D:NEC/FER/KOR/JPN]

Conocybe arrhenii (Fr.) Kits van Wav. [D:NEC/JPN]

Conocybe aurea (Jul. Schäff.) Hongo [D:NEC/KOR/JPN]

Conocybe bisporigera (Hauskn. & Krisai) Arnolds [D:NEC]

Conocybe brachypodii (Velen.) Hauskn. & Svrček [D:NEC]

Conocybe brunnea J.E. Lange & Kühner ex Watling [D:NEC/FER]

Conocybe brunneidisca (Murrill) Hauskn. [D:FER]

Conocybe coniferarum E.F. Malysheva [D:FER]

Conocybe cylindrospora T. Bau & Jing Lui [D:NEC]

Conocybe dunensis T.J. Wallace [D:NEC/JPN]

Conocybe echinata (Velen.) Singer [D:NEC]

Conocybe exannulata Kühner & Watling [D:FER]

Conocybe fibrillosipes Watling [D:NEC/FER]

Conocybe filaris (Fr.) Kühner [D:NEC/FER/KOR]

Conocybe filipes (G.F. Atk.) Kühner [D:FER]

Conocybe fragilis (Peck) Singer [D:NEC/KOR/JPN]

Conocybe fuscimarginata (Murrill) Singer [D:NEC/KOR]

Conocybe hausknechtii E.F. Malysheva [D:FER]

Conocybe hexagonospora Métrod ex Hauskn. & Enderle [D:FER]

Conocybe incarnata (Jul. Schäff.) Hauskn. & Arnolds [D:NEC/FER]

Conocybe intermedia Kühner [D:NEC/FER/JPN]

Conocybe intrusa (Peck) Singer [D:FER/JPN]

Conocybe juniana (Velen.) Hauskn. & Svrček [D:NEC/FER/KOR]

Conocybe lenticulospora Watling [D:NEC]

Conocybe macrocephala Kühner & Watling [D:NEC/FER]

Conocybe macrospora (G.F. Atk.) Hauskn. [D:NEC/FER]

Conocybe magnispora (Murrill) Singer [D:FER]

Conocybe mandshurica E.F. Malysheva [D:FER]

Conocybe mesospora Kühner ex Watling [D:NEC/FER]

Conocybe microspora (Velen.) Dennis [D:NEC]

Conocybe moseri Watling [D:NEC]

Conocybe mutabilis Watling [D:NEC/FER]

Conocybe nemoralis Harmaja [D:FER]

Conocybe nodulosospora (Hongo) Watling [D:JPN]

Conocybe ochrostriata Hauskn. [D:FER]

Conocybe pilosella (Pers.) Kühner [D:NEC/FER/KOR]

Conocybe pinetorum Watling, Esteve-Rav. & G. Moreno [D:FER]

Conocybe praticola E.F. Malysheva [D:FER]

Conocybe pseudocrispa (Hauskn.) Arnolds [D:NEC]

Conocybe pubescens (Gillet) Kühner [D:NEC/FER]

Conocybe pulchella (Velen.) Hauskn. & Svrček [D:NEC/FER]

Conocybe pulchra (Clem.) Kühner [D:FER]

Conocybe rabenhorstii (Fr.) Singer [D:FER]

Conocybe reniformis T. Bau & H.B. Song [D:NEC]

Conocybe rickeniana P.D. Orton [D:NEC/FER]

Conocybe rickenii (Jul. Schäff.) Kühner [D:KOR]

Conocybe rostellata (Velen.) Hauskn. & Svrček [D:NEC/FER]

Conocybe rubrocyanea T. Bau & H.B. Song [D:NEC]

Conocybe rufostipes T. Bau & H.B. Song [D:NEC]

Conocybe rugispora E.F. Malysheva [D:FER]

Conocybe rugosa (Peck) Watling [D:NEC/FER]

Conocybe semiglobata Kühner & Watling [D:NEC/FER]

Conocybe siennophylla (Berk. & Broome) Singer ex Chiari & Papetti [D:FER]

Conocybe siliginea (Fr.) Kühner [D:NEC/FER]

Conocybe singeriana Hauskn. [D:FER]

Conocybe sinobispora T. Bau & H.B. Song [D:NEC]

Conocybe subovalis Kühner & Watling [D:FER/KOR/JPN]

Conocybe subpallida Enderle [D:NEC]

Conocybe subpubescens P.D. Orton [D:FER]

Conocybe subxerophytica Singer & Hauskn. [D:NEC]

Conocybe tenera (Schaeff.) Kühner [D:NEC/FER/MNG/KOR/JPN]

Conocybe teneroides (J.E. Lange) Kühner [D:NEC]

Conocybe utricystidiata (Enderle & H.-J. Hübner) Somhorst [D:NEC/FER]

Conocybe utriformis P.D. Orton [D:NEC/FER]

Conocybe velata (Velen.) Watling [D:FER]

Conocybe velutipes (Velen.) Hauskn. & Svrček [D:NEC/FER]

Conocybe verna T. Bau & H.B. Song [D:NEC]

Conocybe vestita (Fr.) Kühner [D:FER]

Conocybe vexans P.D. Orton [D:NEC/FER]

Conocybe villosella E.F. Malysheva [D:FER]

Conocybe zeylanica (Petch) Boedijn [D:FER]

Gen.283 *Conocybula* T. Bau & H.B. Song

Conocybula coprophila (Kühner) T. Bau & H.B. Song [D:NEC/FER]

Conocybula cyanopus (G.F. Atk.) T. Bau & H.B. Song [D:NEC/FER]

Conocybula smithii (Watling) T. Bau & H.B. Song [D:NEC]

Gen.284 *Descolea* Singer

Descolea flavoannulata (Lj.N. Vassiljeva) E. Horak [D:NEC/FER/KOR/JPN]

Descolea pretiosa E. Horak [D:JPN]

Descolea quercina J. Khan & Naseer [D:NEC]

Gen.285 *Galerella* Earle

Galerella plicatella (Peck) Singer [D:NEC/FER]

Gen.286 *Pholiotina* Fayod

Pholiotina bifurcaticystidia T. Bau & H.B. Song [D:NEC]

Pholiotina bispora T. Bau & H.B. Song [D:NEC]

Pholiotina blattaria (Fr.) Fayod [D:NEC/FER/JPN]

Pholiotina brevipila T. Bau & H.B. Song [D:NEC]

Pholiotina changbaishanensis T. Bau & H.B. Song [D:NEC]

Pholiotina communis T. Bau & H.B. Song [D:NEC]

Pholiotina eburnea T. Bau & H.B. Song [D:NEC]

Pholiotina excrescenticystidiata T. Bau & H.B. Song [D:NEC]

Pholiotina liudingshanensis T. Bau & H.B. Song [D:NEC]

Pholiotina longicystidiata T. Bau & H.B. Song [D:NEC]

Pholiotina micropora T. Bau & H.B. Song [D:NEC]

Pholiotina rostellulata T. Bau & H.B. Song [D:NEC]

Pholiotina rufidispora T. Bau & H.B. Song [D:NEC]

Pholiotina serrata (T. Bau & Jing Lui) T. Bau & H.B. Song [D:NEC]

Pholiotina sphagnicola T. Bau & Burenbaatar [D:MNG]

Pholiotina sulcata Arnolds & Hauskn. [D:NEC/FER]

Pholiotina sulciceps T. Bau & H.B. Song [D:NEC]

Fam. Callistosporiaceae Vizzini, Consiglio, M. Marchetti & P. Alvarado

Gen.287 *Callistosporium* Singer

Callistosporium luteo-olivaceum (Berk. & M.A. Curtis) Singer [D:NEC/KOR/JPN]

Gen.288 *Macrocybe* Pegler & Lodge

Macrocybe gigantea (Massee) Pegler & Lodge [D:KOR/JPN]

Macrocybe spectabilis (Peerally & Sutra) Pegler & Lodge [D:JPN]

Fam. Clavariaceae Chevall.

Gen.289 *Ceratellopsis* Konrad & Maubl

Ceratellopsis acuminata (Fuckel) Corner [D:FER]

Ceratellopsis dryopteridis (S. Imai) Corner [D:JPN]

Ceratellopsis equiseticola (Boud.) Corner [D:FER]

Gen.290 *Clavaria* Vaill. ex L.

Clavaria acuta Sowerby [D:NEC/FER/JPN]

Clavaria amoenoides Corner, K.S. Thind & Anand [D:NEC/FER]

Clavaria argillacea Pers. [D:NEC/FER/JPN]

Clavaria avellaneonigrescens S. Imai [D:JPN]

Clavaria falcata Pers. [D:FER]

Clavaria fastidiosa S. Imai [D:JPN]

Clavaria flavipes Pers. [D:FER]

Clavaria fragilis Holmsk. [D:NEC/FER/MNG/KOR/JPN]

Clavaria fumosa Pers. [D:NEC/FER/JPN]

Clavaria gelatinosa Coker [D:NEC/FER]

Clavaria gibbsiae Ramsb. [D:NEC]

Clavaria kisoensis S. Imai [D:JPN]

Clavaria lanceolata S. Imai [D:JPN]

Clavaria lilacina Jungh. ex Lév. [D:NEC]

Clavaria macounii Peck [D:FER]

Clavaria meakanensis S. Imai [D:JPN]

Clavaria rosea Fr. [D:FER/JPN]

Clavaria rubrofiliformis S. Imai [D:JPN]

Clavaria splendidula S. Imai [D:JPN]

Clavaria subacuta S. Ito & S. Imai [D:JPN]

Clavaria subtilissima S. Imai [D:JPN]

Clavaria vermiculata Scop. [D:NEC]

Clavaria versatilis (Quél.) Sacc. & Trotter [D:JPN]

Gen.291 *Clavicorona* Doty

Clavicorona taxophila (Thom) Doty [D:FER/KOR]

Gen.292 *Clavulinopsis* Overeem

Clavulinopsis amoena (Zoll. & Moritzi) Corner [D:NEC/JPN]

Clavulinopsis aurantiocinnabarina (Schwein.) Corner [D:NEC/FER/JPN]

Clavulinopsis boninensis (S. Ito & S. Imai) Corner [D:JPN]

Clavulinopsis corniculata (Schaeff.) Corner [D:NEC/FER/JPN]

Clavulinopsis fusiformis (Sowerby) Corner [D:NEC/FER/KOR/JPN]

Clavulinopsis helvola (Pers.) Corner [D:NEC/FER/KOR/JPN]

Clavulinopsis laeticolor (Berk. & M.A. Curtis) R.H. Petersen [D:NEC/FER/KOR/JPN]

Clavulinopsis luteoalba (Rea) Corner [D:JPN]

Clavulinopsis luteo-ochracea (Cavara) Corner [D:NEC]

Clavulinopsis miyabeana (S. Ito) S. Ito [D:NEC/KOR]

Clavulinopsis sulcata Overeem [D:FER/JPN]

Clavulinopsis umbrinella (Sacc.) Corner [D:NEC/FER]

Clavulinopsis yakusimensis I. Hino & Katum. [D:JPN]

Clavulinopsis zollingeri (Lév.) Olariaga [D:NEC/FER/KOR/JPN]

Gen.293 *Hodophilus* R. Heim

Hodophilus foetens (W. Phillips) Birkebak & Adamčík [D:FER]

Gen.294 *Mucronella* Fr.

Mucronella bresadolae (Quél.) Corner [D:NEC]

Mucronella calva (Alb. & Schwein.) Fr. [D:NEC/FER/JPN]

Gen.295 *Ramariopsis* (Donk) Corner

Ramariopsis asperulospora (G.F. Atk.) Corner [D:NEC/FER]

Ramariopsis biformis (G.F. Atk.) R.H. Petersen [D:NEC/FER]

Ramariopsis crocea (Pers.) Corner [D:NEC/FER/JPN]

Ramariopsis eburnea Jun L. Wei & T. Bau [D:NEC]

Ramariopsis kunzei (Fr.) Corner [D:NEC/FER/KOR/JPN]

Ramariopsis luteotenerrima (Overeem) R.H. Petersen [D:NEC]

Ramariopsis nivea Jun L. Wei & T. Bau [D:NEC]

Ramariopsis pulchella (Boud.) Corner [D:NEC/FER/JPN]

Ramariopsis subtilis (Pers.) R.H. Petersen [D:NEC/FER/KOR]

Ramariopsis subumbrinella (S. Imai) Olariaga [D:JPN]

Ramariopsis tenuicula (Bourdot & Galzin) R.H. Petersen [D:NEC/FER]

Ramariopsis tenuiramosa Corner [D:NEC/FER]

Ramariopsis vestitipes (Peck) Corner [D:FER]

Fam. Clitocybaceae Vizzini, Consiglio & M. Marchetti

Gen.296 *Clitocybe* (Fr.) Staude

Clitocybe amarescens Harmaja [D:NEC]

Clitocybe angustissima (Lasch) P. Kumm. [D:FER]

Clitocybe augeana (Mont.) Sacc. [D:MNG]

Clitocybe barbularum (Romagn.) P.D. Orton [D:KOR]

Clitocybe bresadolana Singer [D:NEC]

Clitocybe brumalis (Fr.) Quél. [D:FER]

Clitocybe castaneofloccosa S. Ito & S. Imai [D:KOR/JPN]

Clitocybe catinus (Fr.) Quél. [D:NEC/JPN]

Clitocybe concava (Scop.) Gillet [D:NEC]

Clitocybe dealbata (Sowerby) P. Kumm. [D:NEC/FER/KOR]

Clitocybe diatreta (Fr.) P. Kumm. [D:NEC/FER]

Clitocybe ditopus (Fr.) Gillet [D:NEC/FER]

Clitocybe eccentrica Peck [D:NEC/JPN]

Clitocybe ericeticola Singer [D:FER]

Clitocybe extenuata (Fr.) S. Imai [D:JPN]

Clitocybe fasciculata H.E. Bigelow & A.H. Sm. [D:NEC/FER/MNG]

Clitocybe festivoides Lamoure [D:FER]

Clitocybe fragrans (With.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Clitocybe fuligineipes Métrod [D:NEC]

Clitocybe fuscosquamula J.E. Lange [D:NEC/FER]

Clitocybe hydrogramma (Bull.) P. Kumm. [D:FER/JPN]

Clitocybe imaiana Singer [D:JPN]

Clitocybe infundibuliformis (Schaeff.) Quél. [D:NEC/FER]

Clitocybe leucodiatreta Bon [D:NEC]

Clitocybe linearilamellata Herp. [D:KOR]

Clitocybe metachroa (Fr.) P. Kumm. [D:FER]

Clitocybe minutella Har. Takah. [D:JPN]

Clitocybe nebularis (Batsch) P. Kumm. [D:NEC/FER/KOR/JPN]

Clitocybe obsoleta (Batsch) Quél. [D:FER/MNG]

Clitocybe ornamentalis Velen. [D:NEC]

Clitocybe pallescens H.E. Bigelow [D:NEC]

Clitocybe paxillus Gulden [D:FER]

Clitocybe robusta Peck [D:NEC/JPN]

Clitocybe stipitata Murrill [D:MNG]

Clitocybe strigosa Harmaja [D:FER]

Clitocybe suaveolens (Schumach.) P. Kumm. [D:FER]

Clitocybe subalutacea (Batsch) P. Kumm. [D:FER]

Clitocybe subditopoda Peck [D:NEC]

Clitocybe subhirta Peck [D:FER]

Clitocybe subinvoluta (Batsch) Sacc. [D:FER]

Clitocybe subspadicea (J.E. Lange) Bon & Chevassut [D:NEC]

Clitocybe truncicola (Peck) Sacc. [D:NEC]

Clitocybe ventosa (Fr.) Singer [D:FER]

Clitocybe vibecina (Fr.) Quél. [D:NEC/FER/MNG]

Clitocybe vittatipes S. Ito & S. Imai [D:JPN]

Gen.297 *Collybia* (Fr.) Staude

Collybia alboflavida (Peck) Kauffman [D:NEC]

Collybia cirrhata (Pers.) Quél. [D:NEC/FER/MNG/KOR]

Collybia citrina B. Liu, Rong & H.S. Jin [D:NEC]

Collybia cookei (Bres.) J.D. Arnold [D:NEC/FER/KOR/JPN]

Collybia dryadicola (J. Favre) Z.M. He & Zhu L. Yang [D:FER]

Collybia effusa Har. Takah. [D:JPN]

Collybia irina (Fr.) Z.M. He & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Collybia macrosperma Har. Takah. [D:JPN]

Collybia matris S. Ito & S. Imai [D:KOR/JPN]

Collybia mongolica (S. Imai) Z.M. He & Zhu L. Yang [D:NEC/MNG]

Collybia neofusipes Hongo [D:KOR/JPN]

Collybia nivea (Mont.) Dennis [D:NEC]

Collybia nuda (Bull.) Z.M. He & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Collybia odora (Bull.) Z.M. He & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Collybia personata (Fr.) Z.M. He & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Collybia phyllophila (Pers.) Z.M. He & Zhu L. Yang [D:NEC/FER/MNG/KOR]

Collybia pinastris (Kauffman) Mitchel & A.H. Sm. [D:JPN]

Collybia porrea (Pers.) P. Kumm. [D:FER]

Collybia rivulosa (Pers.) Z.M. He & Zhu L. Yang [D:NEC/FER/MNG]

Collybia sordida (Schumach.) Z.M. He & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Collybia sulcata Velen. [D:JPN]

Collybia tuberosa (Bull.) P. Kumm. [D:NEC/FER/JPN]

Collybia velutinopunctata Lj.N. Vassiljeva [D:FER]

Collybia violea X.D. Yu & H.B. Guo [D:NEC]

Gen.298 *Lepista* (Fr.) W.G. Sm.

Lepista amara (Alb. & Schwein.) Maire [D:FER]

Lepista cyanophaea (Fr.) Raithelh. [D:KOR]

Lepista densifolia (J. Favre) Singer & Clémençon [D:NEC/FER]

Lepista glaucocana (Bres.) Singer [D:NEC/FER/KOR]

Lepista graveolens (Peck) Dermek [D:JPN]

Lepista luscina (Fr.) Singer [D:NEC]

Lepista multiformis (Schaeff.) Gulden [as '*multiforme*'] [D:FER]

Lepista panaeola (Fr.) P. Karst. [D:NEC/MNG/KOR]

Lepista ricekii Bon [D:NEC/FER]

Gen.299 *Paralepistopsis* Vizzini

Paralepistopsis acromelalga (Ichimura) Vizzini [D:NEC/KOR/JPN]

Gen.300 *Singerocybe* Harmaja

Singerocybe alboinfundibuliformis (S.J. Seok, Yang S. Kim, K.M. Park, W.G. Kim, K.H. Yoo & I.C. Park) Zhu L. Yang, J. Qin & Har. Takah. [D:NEC/FER/KOR]

Singerocybe humilis (Berk. & Broome) Zhu L. Yang & J. Qin [D:JPN]

Singerocybe phaeophthalma (Pers.) Harmaja [D:NEC]

Singerocybe umbilicata Zhu L. Yang & J. Qin [D:NEC]

Fam. Cortinariaceae Singer

Gen.301 *Aureonarius* Niskanen & Liimat.

Aureonarius callisteus (Fr.) Niskanen & Liimat. [D:NEC/MNG]

Aureonarius limonius (Fr.) Niskanen & Liimat. [D:FER]

Aureonarius neocallisteus (Kranab., Ammirati, Liimat. & Niskanen) Niskanen & Liimat. [D:NEC]

Aureonarius tofaceus (Fr.) Niskanen & Liimat. [D:FER]

Gen.302 *Calonarius* Niskanen & Liimat.

Calonarius callochrous (Pers.) Niskanen & Liimat. [D:NEC/KOR]

Calonarius coniferarum (M.M. Moser) Niskanen & Liimat. [D:FER]

Calonarius elegantior (Fr.) Niskanen & Liimat. [D:NEC/FER]

Calonarius elegantissimus (Rob. Henry) Niskanen & Liimat. [D:NEC/FER]

Calonarius haasii (M.M. Moser) Niskanen & Liimat. [D:KOR/JPN]

Calonarius napus (Fr.) Niskanen & Liimat. [D:FER]

Calonarius olearioides (Rob. Henry) Niskanen & Liimat. [D:JPN]

Calonarius prasinus (Schaeff.) Niskanen & Liimat. [D:NEC/FER]

Calonarius rufo-olivaceus (Pers.) Niskanen & Liimat. [D:NEC/JPN]

Calonarius saporatus (Britzelm.) Niskanen & Liimat. [D:KOR]

Calonarius sodagnitus (Rob. Henry) Niskanen & Liimat. [D:FER]

Calonarius splendens (Rob. Henry) Niskanen & Liimat. [D:KOR]

Calonarius sulfurinus (Quél.) Niskanen & Liimat. [D:FER]

Calonarius xanthophyllus (Cooke) Niskanen & Liimat. [D:JPN]

Gen.303 *Cortinarius* (Pers.) Gray

Cortinarius acutispissipes Rob. Henry [D:NEC]

Cortinarius acutus (Pers.) Fr. [D:FER]

Cortinarius albidus Peck [D:FER]

Cortinarius albocyaneus Fr. [D:NEC]

Cortinarius albovariegatus (Velen.) Melot [D:NEC]

Cortinarius alboviolaceus (Pers.) Zaw. [D:NEC/FER/MNG/KOR/JPN]

Cortinarius allutus Fr. [D:NEC/FER/KOR/JPN]

Cortinarius alneus M.M. Moser [D:FER]

Cortinarius alpinus Boud. [D:NEC/FER]

Cortinarius americanus A.H. Sm. [D:FER]

Cortinarius angelesianus A.H. Sm. [D:FER]

Cortinarius angulosus Fr. [D:FER]

Cortinarius annae-maritae Bendiksen & Brandrud [D:NEC]

Cortinarius annulatus Peck [D:NEC]

Cortinarius anomalus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius anserinus (Velen.) Rob. Henry [D:KOR]

Cortinarius anthracinus (Fr.) E. Berger [D:FER]

Cortinarius aprinus Melot [D:NEC]

Cortinarius aptecohaerens Rob. Henry [D:NEC]

Cortinarius argentatus (Pers.) Fr. [D:NEC/JPN]

Cortinarius armeniacus (Schaeff.) Zaw. [D:NEC/FER]

Cortinarius armillatus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius atratus (Rodway) Gasparini [D:NEC]

Cortinarius atroalbus M.M. Moser [D:NEC]

Cortinarius atropusillus J. Favre [D:FER]

Cortinarius aurantiofulvus Hongo [D:JPN]

Cortinarius aureifolius Peck [D:NEC]

Cortinarius aureobrunneus Hongo [D:KOR/JPN]

Cortinarius aureovelatus Bendiksen, K. Bendiksen & H. Lindstr. [D:NEC]

Cortinarius badiolatus (M.M. Moser) M.M. Moser [D:NEC]

Cortinarius badiovinaceus M.M. Moser [D:NEC]

Cortinarius balaustinus Fr. [D:NEC/FER]

Cortinarius balteatoalbus Rob. Henry [D:NEC]

Cortinarius betuletorum M.M. Moser [D:FER]

Cortinarius betulinus J. Favre [D:FER]

Cortinarius bibulus Quél. [D:FER/JPN]

Cortinarius biformis Fr. [D:FER]

Cortinarius bivelus (Fr.) Fr. [D:NEC/FER/MNG]

Cortinarius bolaris (Pers.) Zaw. [D:NEC/JPN]

Cortinarius boreotrichus Kytöv., Niskanen & Liimat. [D:NEC]

Cortinarius boudieri Rob. Henry [D:FER]

Cortinarius bovinus Fr. [D:NEC/FER/KOR/JPN]

Cortinarius breviradicatus Miyauchi & Fujimoto [D:JPN]

Cortinarius brunneofulvus Fr. [D:NEC/FER]

Cortinarius brunneus (Pers.) Fr. [D:NEC/FER]

Cortinarius bulbosus (Sowerby) Gray [D:NEC]

Cortinarius bulliardii (Pers.) Fr. [D:NEC/FER/JPN]

Cortinarius cadi-aguirrei Garrido-Ben., Ballarà & Mahiques [D:NEC]

Cortinarius caerulescens (Schaeff.) Fr. [D:NEC/FER/MNG/JPN]

Cortinarius caesioarmeniacus Kytöv., Niskanen & Liimat. [D:NEC]

Cortinarius cagei Melot [D:FER]

Cortinarius calopus P. Karst. [D:NEC]

Cortinarius campester Reumaux [D:NEC]

Cortinarius camphoratus (Fr.) Fr. [D:NEC/FER]

Cortinarius candelaris Fr. [D:FER]

Cortinarius caninus (Fr.) Fr. [D:NEC/FER/JPN]

Cortinarius caperatus (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius casimiri (Velen.) Huijsman [D:MNG]

Cortinarius castanellus Peck [D:NEC]

Cortinarius castaneus (Bull.) Fr. [D:NEC/FER]

Cortinarius catskillensis Peck [D:NEC]

Cortinarius centrirufus Kytöv., Niskanen & Liimat. [D:NEC]

Cortinarius cereifolius (M.M. Moser) M.M. Moser [D:FER]

Cortinarius chrysolitus Kauffman [D:NEC/FER/MNG]

Cortinarius cinnabarinus Fr. [D:NEC/FER/JPN]

Cortinarius cinnamomeoides Hongo [D:JPN]

Cortinarius cinnamomeoluteus P.D. Orton [D:FER]

Cortinarius cinnamomeus (L.) Gray [D:NEC/FER/KOR/JPN]

Cortinarius cinnamoviolaceus M.M. Moser [D:KOR]

Cortinarius claricolor (Fr.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Cortinarius clarobrunneus (H. Lindstr. & Melot) Niskanen, Kytöv. & Liimat. [D:FER]

Cortinarius claroplaniusculus Rob. Henry [D:NEC]

Cortinarius codonius Rob. Henry [D:NEC]

Cortinarius collinitus (Sowerby) Gray [D:NEC/FER/MNG/KOR/JPN]

Cortinarius colymbadinus Fr. [D:NEC]

Cortinarius comptulus M.M. Moser [D:NEC/FER]

Cortinarius cotoneus Fr. [D:NEC/FER]

Cortinarius crassifolius (Velen.) Kühner & Romagn. ex Bon [D:FER]

Cortinarius croceicolor Kauffman [D:NEC]

Cortinarius croceocristallinus Rob. Henry [D:NEC]

Cortinarius croceosimilis Liimat., Niskanen & Ammirati [D:NEC]

Cortinarius croceus (Schaeff.) Gray [D:NEC/FER]

Cortinarius crystallinus Fr. [D:FER]

Cortinarius cumatilis Fr. [D:JPN]

Cortinarius cyanites Fr. [D:NEC/FER/KOR/JPN]

Cortinarius deceptivus Kauffman [D:FER]

Cortinarius decipiens (Pers.) Zaw. [D:NEC/FER/JPN]

Cortinarius decipientoides Moënne-Locc. & Reumaux [D:NEC]

Cortinarius delibutus Fr. [D:NEC/FER]

Cortinarius desertorum (Velen.) G. Garnier [D:NEC]

Cortinarius dilutus (Pers.) Fr. [D:FER]

Cortinarius diosmus Kühner [D:NEC]

Cortinarius disjungendulus Kytöv., Liimat. & Niskanen [D:NEC]

Cortinarius duracinus Fr. [D:FER/JPN]

Cortinarius elatior Fr. [D:NEC/FER/KOR/JPN]

Cortinarius erythrinus (Fr.) Fr. [D:FER]

Cortinarius evernius (Fr.) Fr. [D:FER]

Cortinarius exsularis Garrido-Ben., Ballarà & Mahiques [D:NEC]

Cortinarius fagetorum M.M. Moser [D:NEC]

Cortinarius falsosus Moënne-Locc. & Reumaux [D:NEC]

Cortinarius famatus Moënne-Locc. & Reumaux [D:NEC]

Cortinarius ferrugineogriseus Peck [D:FER]

Cortinarius fillionii Bidaud, Moënne-Locc. & Reumaux [D:NEC]

Cortinarius firmus Fr. [D:NEC]

Cortinarius flexipes (Pers.) Fr. [D:NEC/FER/JPN]

Cortinarius francescae Reumaux [D:NEC]

Cortinarius fulgens Fr. [D:NEC/FER]

Cortinarius fulvescens Fr. [D:NEC/FER/MNG/KOR/JPN]

Cortinarius fuscobovinus Kytöv., Niskanen & Liimat. [D:NEC]

Cortinarius fuscodiscus A.H. Sm. [D:NEC]

Cortinarius fuscoperonatus Kühner [D:FER]

Cortinarius galeroides Hongo [D:NEC/JPN]

Cortinarius gallurae D. Antonini, M. Antonini & Consiglio [D:NEC]

Cortinarius gentilis (Fr.) Fr. [D:NEC/FER/MNG]

Cortinarius glabrellus Kauffman [D:NEC]

Cortinarius glandicolor (Fr.) Fr. [D:NEC/FER]

Cortinarius glutinosus Peck [D:NEC]

Cortinarius gossypinus H. Lindstr. [D:FER]

Cortinarius helvelloides (Fr.) Fr. [D:FER/KOR]

Cortinarius helvolus (Fr.) Fr. [D:NEC/FER]

Cortinarius hemitrichus (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius hinnuleocervinus Niskanen, Liimat. & Ammirati [D:NEC/FER/JPN]

Cortinarius hinnuleus Fr. [D:NEC/FER/MNG/KOR/JPN]

Cortinarius hirtus (Velen.) G. Garnier [D:NEC]

Cortinarius holophaeus J.E. Lange [D:FER]

Cortinarius iliopodius (Bull.) Fr. [D:FER]

Cortinarius illibatus Fr. [D:NEC]

Cortinarius imbutus Fr. [D:NEC]

Cortinarius incisus (Pers.) Fr. [D:FER]

Cortinarius infractus (Pers.) Fr. [D:NEC/FER/JPN]

Cortinarius inops J. Favre [D:FER]

Cortinarius integerrimus Kühner [D:FER]

Cortinarius iodes Berk. & M.A. Curtis [D:NEC/KOR/JPN]

Cortinarius jiaoheensis T. Bau & Ying Luo [D:NEC]

Cortinarius jubarinus Fr. [D:NEC/FER/JPN]

Cortinarius junghuhnii Fr. [D:FER]

Cortinarius khinganensis M.L. Xie, T.Z. Wei & Y. Li [D:NEC]

Cortinarius korfii T.Z. Wei & Y.J. Yao [D:NEC]

Cortinarius kranabetteri Niskanen, Liimat., Harrower, Ammirati & Dima [D:NEC]

Cortinarius laccarioides Miyauchi [D:JPN]

Cortinarius laccariphyllus Y. Li & M.L. Xie [D:NEC]

Cortinarius laetus M.M. Moser, [D:FER/KOR]

Cortinarius laniger Fr. [D:NEC/FER]

Cortinarius largus Fr. [D:NEC/FER/KOR/JPN]

Cortinarius latus (Pers.) Fr. [D:NEC/FER/MNG/JPN]

Cortinarius lilacinus Peck [D:NEC]

Cortinarius livido-ochraceus (Berk.) Berk. [D:NEC/FER/KOR/JPN]

Cortinarius livor Fr. [D:FER]

Cortinarius longipes Peck [D:NEC]

Cortinarius lucorum (Fr.) E. Berger [D:NEC]

Cortinarius luridus Rob. Henry [D:NEC]

Cortinarius macropus (Fr.) Fr. [D:NEC/JPN]

Cortinarius malachius (Fr.) Fr. [D:NEC/FER]

Cortinarius malicorius Fr. [D:NEC/FER/JPN]

Cortinarius mattiae Soop [D:NEC]

Cortinarius megasporus Singer [D:FER]

Cortinarius melleopallens (Fr.) Britzelm. [D:FER]

Cortinarius miniatopus J.E. Lange [D:FER]

Cortinarius minusculus Liimat. & Niskanen [D:NEC]

Cortinarius minutulus J. Favre [D:FER]

Cortinarius mucifluus Fr. [D:NEC/FER/KOR]

Cortinarius mucosus (Bull.) E. Berger [D:NEC/FER/MNG/KOR/JPN]

Cortinarius neoarmillatus Hongo [D:NEC/JPN]

Cortinarius neobalaustinus M.L. Xie, T.Z. Wei & Y. Li [D:NEC]

Cortinarius neofallax Carteret & Reumaux [D:NEC]

Cortinarius neotorvus Y. Li, M.L. Xie & T.Z. Wei [D:NEC]

Cortinarius nigrocuspidatus Kauffman [D:NEC]

Cortinarius nigrosquamosus Hongo [D:NEC/KOR/JPN]

Cortinarius nitidus (Schaeff.) Fr. [D:NEC]

Cortinarius niveotraganus Kytöv., Niskanen & Liimat. [D:NEC]

Cortinarius obrusseus E. Horak [D:NEC]

Cortinarius obtusus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius olivaceostramineus Kauffman [D:NEC]

Cortinarius orasericeus Rob. Henry [D:NEC]

Cortinarius orellanus Fr. [D:NEC/FER]

Cortinarius oreoborealis Cadiñanos, M.M. Gómez & Ballarà [D:NEC]

Cortinarius orichalceus (Batsch) Fr. [D:NEC/FER]

Cortinarius paragaudis Fr. [D:NEC/FER]

Cortinarius paralbocyaneus Eyssart. [D:NEC]

Cortinarius paraochraceus M.M. Moser [D:NEC]

Cortinarius parvannulatus Kühner [D:NEC]

Cortinarius pastoralis Soop, H. Lindstr., Dima, Niskanen, Liimat. & Kytöv. [D:NEC]

Cortinarius pauperculus J. Favre [D:NEC/FER]

Cortinarius pearsonii P.D. Orton [D:NEC]

Cortinarius pellstonianus Ammirati & A.H. Sm. [D:NEC]

Cortinarius perrotensis André Paul, Matheny & Lebeuf [D:NEC]

Cortinarius personatus M.M. Moser [D:NEC]

Cortinarius phaeochrous J. Favre [D:FER]

Cortinarius pholideus (Lilj.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius piceidisjungendus Kytöv., Liimat., Niskanen & Ammirati [D:NEC]

Cortinarius pinetorum (Fr.) Kauffman [D:NEC]

Cortinarius pistorius Jul. Schäff. [D:JPN]

Cortinarius plumiger Fr. [D:FER]

Cortinarius polaris Høil. [D:FER]

Cortinarius polymorphus Rob. Henry [D:NEC/FER]

Cortinarius praestans (Cordier) Gillet [D:NEC/FER/JPN]

Cortinarius praestigiosus (Fr.) E. Berger, [D:NEC/FER]

Cortinarius privignatus Soop [D:NEC]

Cortinarius privignoides Rob. Henry [D:MNG]

Cortinarius privignus (Fr.) Fr. [D:NEC]

Cortinarius prunicola Miyauchi & His. Kobay. [D:JPN]

Cortinarius psammocephalus (Bull.) Fr. [D:FER]

Cortinarius pseudocandelaris (M.M. Moser) M.M. Moser [D:FER]

Cortinarius pseudopurpurascens Hongo [D:NEC/KOR/JPN]

Cortinarius pseudosalor J.E. Lange [D:NEC/JPN]

Cortinarius purpureoluteus Lamoure [D:FER]

Cortinarius purpureus (Bull.) Fuckel [D:NEC/FER/JPN]

Cortinarius rapaceus Fr. [D:NEC/FER]

Cortinarius raphanoides (Pers.) Fr. [D:NEC/FER]

Cortinarius reticulisporus Miyauchi [D:JPN]

Cortinarius riculatus Fr. [D:NEC]

Cortinarius rigens (Pers.) Fr. [D:FER]

Cortinarius rigidus (Scop.) Fr. [D:FER/JPN]

Cortinarius roseomyceliosus Bidaud [D:NEC]

Cortinarius rubellus Cooke [D:NEC/FER/KOR/JPN]

Cortinarius rubricosus (Fr.) Fr. [D:FER]

Cortinarius rubrophyllus (Moënne-Locc.) Liimat., Niskanen, Ammirati & Dima [D:NEC]

Cortinarius rubrovioleipes Bendiksen & K. Bendiksen [D:NEC]

Cortinarius rufulus Reumaux [D:NEC]

Cortinarius rugosolilacinus Miyauchi [D:JPN]

Cortinarius rusticus P. Karst. [D:NEC]

Cortinarius salor Fr. [D:NEC/FER/KOR/JPN]

Cortinarius sanguineus (Wulfen) Gray [D:NEC/FER/KOR/JPN]

Cortinarius saniosus (Fr.) Fr. [D:NEC/FER/JPN]

Cortinarius saturninus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius saturninus var. *bresadolae* M.M. Moser ex Bon [D:FER]

Cortinarius scandens Fr. [D:MNG/JPN]

Cortinarius scutulatus (Fr.) Fr. [D:NEC/FER]

Cortinarius semisanguineus (Fr.) Gillet [D:NEC/FER/KOR/JPN]

Cortinarius shigaensis Hongo [D:JPN]

Cortinarius simillimus Bidaud [D:NEC]

Cortinarius simulatus P.D. Orton [D:FER]

Cortinarius sommerfeltii Høil. [D:NEC]

Cortinarius sphaerospermus Kauffman [D:FER]

Cortinarius sphaerosporus Peck [D:NEC]

Cortinarius sphagnogenus (M.M. Moser) Nezdojm. [D:FER]

Cortinarius sphagnophilus Peck [D:FER]

Cortinarius spilomeus (Fr.) Fr. [D:FER/JPN]

Cortinarius stenospermus Lamoure [D:FER]

Cortinarius stillatitius Fr. [D:FER/KOR]

Cortinarius subalboviolaceus Hongo [D:NEC/KOR/JPN]

Cortinarius subarmillatus Hongo [D:JPN]

Cortinarius subbalaustinus Rob. Henry [D:NEC]

Cortinarius subcaesiobrunneus Y. Li & M.L. Xie [D:NEC]

Cortinarius subcroceofolius Ammirati & A.H. Sm. [D:NEC]

Cortinarius subdelibutus Hongo [D:NEC/KOR/JPN]

Cortinarius suberi Soop [D:NEC]

Cortinarius subexitiosus Liimat., Niskanen, Kytöv. & Ammirati [D:NEC]

Cortinarius subferrugineus (Batsch) Fr. [D:NEC/FER]

Cortinarius subheterocyclus Liimat., Niskanen & Kytöv. [D:NEC]

Cortinarius subnymphatus M.L. Xie, T.Z. Wei & Y. Li [D:NEC]

Cortinarius subobtusus Kauffman & A.H. Sm. [D:NEC]

Cortinarius subpaleaceus Kytöv., Niskanen & Liimat. [D:NEC]

Cortinarius subtabularis Kauffman [D:JPN]

Cortinarius subtilior J. Favre [D:NEC]

Cortinarius subtortus (Pers.) Zaw. [D:NEC]

Cortinarius subtorvus Lamoure [D:FER]

Cortinarius tabularis (Fr.) Fr. [D:NEC/FER/JPN]

Cortinarius tenebricus J. Favre [D:NEC]

Cortinarius tortuosus (Fr.) Fr. [D:NEC]

Cortinarius torvus (Fr.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Cortinarius traganus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Cortinarius trivialis J.E. Lange [D:NEC/FER/MNG/JPN]

Cortinarius tubarius Ammirati & A.H. Sm. [D:FER]

Cortinarius turbinatus (Bull.) Fr. [D:FER]

Cortinarius turgidoides Rob. Henry [D:NEC]

Cortinarius turgidus Fr. [D:FER]

Cortinarius uliginosus Berk. [D:NEC/FER]

Cortinarius umbrinolens P.D. Orton [D:NEC/FER]

Cortinarius umbrinolutescens Reumaux [D:NEC]

Cortinarius uraceus Fr. [D:NEC/FER]

Cortinarius urbicus (Fr.) Fr. [D:FER]

Cortinarius variecolor (Pers.) Fr. [D:FER/JPN]

Cortinarius variecolor var. *variecolor* (Pers.) Fr. [D:JPN]

Cortinarius varius (Schaeff.) Fr. [D:NEC]

Cortinarius venenosus Kawam. [D:KOR/JPN]

Cortinarius venetus (Fr.) Fr. [D:FER]

Cortinarius venustus P. Karst. [D:NEC]

Cortinarius violaceo-cinereus (Pers.) Fr. [D:FER]

Cortinarius violaceus (L.) Gray [D:NEC/FER/KOR/JPN]

Cortinarius violascens (A. Blytt) Sacc. [D:FER]

Cortinarius vitiosus (M.M. Moser) Niskanen, Kytöv., Liimat. & S. Laine [D:NEC]

Cortinarius watamukiensis Hongo [D:JPN]

Cortinarius yanjiensis M.L. Xie, T.Z. Wei & Y. Li [D:NEC]

Gen.304 *Cystinarius* Niskanen & Liimat.

Cystinarius rubicundulus (Rea) Niskanen & Liimat. [D:FER/KOR/JPN]

Gen.305 *Hygronarius* Niskanen & Liimat.

Hygronarius renidens (Fr.) Niskanen & Liimat. [D:FER]

Gen.306 *Phlegmacium* (Fr.) Wünsche

Phlegmacium amoenolens (Rob. Henry ex P.D. Orton) Niskanen & Liimat. [D:KOR]

Phlegmacium argutum (Fr.) Niskanen & Liimat. [D:FER]

Phlegmacium balteatocumatile (Rob. Henry ex P.D. Orton) Niskanen & Liimat. [D:FER]

Phlegmacium balteatum (Fr.) A. Blytt [D:FER]

Phlegmacium boreicyanites (Kytöv., Liimat., Niskanen & A.F.S. Taylor) Niskanen & Liimat. [D:NEC]

Phlegmacium cliduchum (Secr. ex Fr.) Ricken [D:JPN]

Phlegmacium glaucopus (Schaeff.) Wünsche [D:NEC/FER/KOR/JPN]

Phlegmacium mussivum (Fr.) Niskanen & Liimat. [D:NEC]

Phlegmacium ochribubalinum (Kytöv., Liimat. & Niskanen) Niskanen & Liimat. [D:NEC]

Phlegmacium ophiopus (Peck) Niskanen & Liimat. [D:NEC]

Phlegmacium populinum (Brandrud) Niskanen & Liimat. [D:NEC]

Phlegmacium rufolatum (Moënne-Locc.) Niskanen & Liimat. [D:NEC]

Phlegmacium saginum (Fr.) Ricken [D:FER/JPN]

Phlegmacium subfoetens (M.M. Moser & McKnight) Niskanen & Liimat. [D:NEC]

Phlegmacium subrubrovelatum (Bidaud) Niskanen & Liimat. [D:NEC]

Phlegmacium triumphans (Fr.) A. Blytt [D:NEC/FER/KOR/JPN]

Phlegmacium violaceorubens (Moënne-Locc. & Reumaux) Niskanen & Liimat. [D:NEC]

Phlegmacium xantho-ochraceum (P.D. Orton) Niskanen & Liimat. [D:NEC]

Gen.307 *Thaxterogaster* Singer

Thaxterogaster aggregatus (Kauffman) Niskanen & Liimat. [D:FER]

Thaxterogaster armenicorius (Soop & Brandrud) Niskanen & Liimat. [D:NEC]

Thaxterogaster caesiolamellatus (Bidaud) Niskanen & Liimat. [D:NEC]

Thaxterogaster caesiophylloides (Kytöv., Liimat., Niskanen, Brandrud & Frøslev) Niskanen & Liimat. [D:NEC]

Thaxterogaster croceocoeruleus (Pers.) Niskanen & Liimat. [D:NEC]

Thaxterogaster dovrensis (Brandrud) Bellanger [D:NEC]

Thaxterogaster emollitus (Fr.) Niskanen & Liimat. [D:FER]

Thaxterogaster fulvo-ochrascens (Rob. Henry) Niskanen & Liimat. [D:FER]

Thaxterogaster herpeticus (Fr.) Niskanen & Liimat. [D:JPN]

Thaxterogaster leucophanes (P. Karst.) Niskanen & Liimat. [D:NEC]

Thaxterogaster mendax (Bidaud, Mahiques & Reumaux) Niskanen & Liimat. [D:NEC]

Thaxterogaster montanus (Kauffman) Niskanen & Liimat. [D:FER]

Thaxterogaster multiformis (Fr.) Niskanen & Liimat. [D:NEC/FER/KOR/JPN]

Thaxterogaster porphyropus (Alb. & Schwein.) Niskanen & Liimat. [D:NEC/FER]

Thaxterogaster pseudotalus (Rob. Henry ex Bidaud & Reumaux) Niskanen & Liimat. [D:NEC]

Thaxterogaster purpurascens (Fr.) Niskanen & Liimat. [D:NEC/FER/KOR/JPN]

Thaxterogaster riederi (Weinm.) Niskanen & Liimat. [D:JPN]

Thaxterogaster scaurus (Fr.) Niskanen & Liimat. [D:NEC/FER/JPN]

Thaxterogaster sinoscaurus M.L. Xie, T.Z. Wei & Chang Tian Li [D:NEC]

Thaxterogaster sphagnophilus (Peck) Niskanen & Liimat. [D:FER]

Thaxterogaster subpurpurascens (Batsch) Niskanen & Liimat. [D:NEC]

Thaxterogaster talimultiformis (Kytöv., Liimat., Niskanen, A.F.S. Taylor & Seslı) Niskanen & Liimat. [D:NEC]

Thaxterogaster talus (Fr.) Niskanen & Liimat. [D:NEC/FER/KOR]

Thaxterogaster tenuipes (Hongo) Zhu L. Yang & Zi R. Wang [D:KOR/JPN]

Thaxterogaster turmalis (Fr.) Niskanen & Liimat. [D:NEC/KOR]

Thaxterogaster vibratilis (Fr.) Niskanen & Liimat. [D:NEC/FER/KOR/JPN]

Fam. Crepidotaceae (S. Imai) Singer

Gen.308 *Crepidotus* (Fr.) Staude

Crepidotus albissimus Murrill [D:FER]

Crepidotus applanatus (Pers.) P. Kumm. [D:NEC/FER/JPN]

Crepidotus autochthonus J.E. Lange [D:FER]

Crepidotus badiofloccosus S. Imai [D:NEC/KOR/JPN]

Crepidotus betulae Murrill [D:NEC/FER]

Crepidotus bresadolae Pilát [D:FER]

Crepidotus calolepis (Fr.) P. Karst. [D:NEC/FER]

Crepidotus capitatocystidiatus M.H. Han, H. Zeng, Q. Na & Y.P. Ge [D:NEC]

Crepidotus caspari Velen. [D:NEC/FER]

Crepidotus cesatii (Rabenh.) Sacc. [D:NEC/FER/KOR/JPN]

Crepidotus cinnabarinus Peck [D:FER/JPN]

Crepidotus citrinus Petch [D:FER]

Crepidotus croceotinctus Peck [D:FER]

Crepidotus crocophyllus (Berk.) Sacc. [D:NEC/FER]

Crepidotus epibryus (Fr.) Quél. [D:NEC/FER/JPN]

Crepidotus fulvotomentosus (Peck) Peck [D:NEC]

Crepidotus furcaticystidiosus Q. Na, M.H. Han, R.X. Wei, H. Zeng & Y.P. Ge [D:NEC]

Crepidotus herbaceus T. Bau & Y.P. Ge [D:NEC]

Crepidotus herbarum Peck [D:NEC]

Crepidotus hygrophanus Murrill [D:FER/KOR]

Crepidotus indicus Manojk. & C.K. Pradeep [D:FER]

Crepidotus kauffmanii Hesler & A.H. Sm. [D:FER]

Crepidotus lamellomaculatus M.H. Han, Q. Na, Y.P. Hu & Y.P. Ge [D:NEC]

Crepidotus latifolius Peck [D:FER]

Crepidotus longicomatus Har. Takah. [D:JPN]

Crepidotus longistriatus S. Imai [D:JPN]

Crepidotus luteolus Sacc. [D:NEC/FER]

Crepidotus lutescens T. Bau & Y.P. Ge [D:NEC]

Crepidotus macedonicus Pilát [D:FER]

Crepidotus malachius Sacc. [D:FER/JPN]

Crepidotus mollis (Schaeff.) Staude [D:NEC/FER/MNG/JPN]

Crepidotus occidentalis Hesler & A.H. Sm. [D:FER]

Crepidotus palmularis (Berk. & M.A. Curtis) Sacc. [D:NEC/JPN]

Crepidotus parvulus Murrill [D:FER]

Crepidotus paxilloides Singer [D:FER]

Crepidotus quitensis Pat. [D:FER]

Crepidotus roseus Singer [D:JPN]

Crepidotus sepiarius Peck [D:JPN]

Crepidotus sokolovii E.F. Malysheva [D:FER]

Crepidotus stenocystis Pouzar [D:NEC]

Crepidotus striatus T. Bau & Y.P. Ge [D:NEC]

Crepidotus submollis Murrill [D:FER]

Crepidotus subpurpureus S. Ito & S. Imai [D:NEC/JPN]

Crepidotus subverrucisporus Pilát [D:NEC/FER]

Crepidotus succineus M.H. Han, L. Zou, Q. Na & Y.P. Ge [D:NEC]

Crepidotus sulphurinus Imazeki & Toki [D:NEC/KOR/JPN]

Crepidotus terrestris S. Imai [D:JPN]

Crepidotus tomentellus Q. Na, M.H. Han, R.X. Wei, H. Zeng & Y.P. Ge [D:NEC]

Crepidotus uber (Berk. & M.A. Curtis) Sacc. [D:NEC/KOR/JPN]

Crepidotus ulmicola T. Bau & Y.P. Ge [D:NEC]

Crepidotus variabilis (Pers.) P. Kumm. [D:NEC/FER/JPN]

Crepidotus virgineus Har. Takah. [D:JPN]

Crepidotus viticola S. Imai [D:JPN]

Crepidotus vulgaris Hesler & A.H. Sm. [D:NEC]

Gen.309 *Pleuroflammula* Singer

Pleuroflammula chocoruensis Singer [D:FER]

Pleuroflammula fagicola (Murrill) E. Horak [D:NEC]

Pleuroflammula flammea (Murrill) Singer [D:NEC]

Pleuroflammula multifolia (Peck) E. Horak [D:NEC]

Pleuroflammula squamulosa (Murrill) E. Horak [D:NEC]

Pleuroflammula subsulphurea (A.H. Sm. & Hesler) E. Horak [D:NEC/FER/JPN]

Pleuroflammula tuberculosa (Schaeff.) E. Horak [D:NEC/FER/KOR]

Gen.310 *Pleurotellus* Fayod

Pleurotellus chioneus (Pers.) Kühner [D:FER]

Gen.311 *Simocybe* P. Karst.

Simocybe centunculus (Fr.) P. Karst. [D:NEC/FER/KOR]

Simocybe haustellaris (Fr.) Watling [D:FER]

Simocybe sumptuosa (P.D. Orton) Singer [D:NEC/FER]

Fam. Cyphellaceae Burnett

Gen.312 *Cheimonophyllum* Singer

Cheimonophyllum haedinum (Berk. & M.A. Curtis) Valade & P.-A. Moreau [D:NEC/FER]

Gen.313 *Chondrostereum* Pouzar

Chondrostereum purpureum (Pers.) Pouzar [D:NEC/FER/MNG/KOR/JPN]

Gen.314 *Cyphella* Fr.

Cyphella cyatheae S. Ito & S. Imai [D:JPN]

Cyphella digitalis (Alb. & Schwein.) Fr. [D:JPN]

Gen.315 *Gloeostereum* S. Ito & S. Imai

Gloeostereum incarnatum S. Ito & S. Imai [D:NEC/FER/KOR/JPN]

Gen.316 *Granulobasidium* Jülich

Granulobasidium vellereum (Ellis & Cragin) Jülich [D:NEC/FER/KOR/JPN]

Gen.317 *Phloeomana* Redhead

Phloeomana alba (Bres.) Redhead [D:FER]

Phloeomana hiemalis (Osbeck) Redhead [D:NEC/FER]

Phloeomana minutula (Sacc.) Redhead [D:NEC]

Phloeomana speirea (Fr.) Redhead [D:NEC/FER/JPN]

Fam. Cyphellopsidaceae Jülich

Gen.318 *Dendrothele* Höhn. & Litsch.

Dendrothele acerina (Pers.) P.A. Lemke [D:FER/KOR/JPN]

Dendrothele alliacea (Quél.) P.A. Lemke [D:KOR]

Dendrothele commixta (Höhn. & Litsch.) J. Erikss. & Ryvarden [D:FER]

Dendrothele tetracornis Boidin & Duhem [D:FER]

Gen.319 *Merismodes* Earle

Merismodes bresadolae (Grelet) Singer [D:FER]

Gen.320 *Peyronelina* P.J. Fisher, J. Webster & D.F. Kane

Peyronelina glomerulata P.J. Fisher, J. Webster & D.F. Kane [D:JPN]

Gen.321 *Woldmaria* W.B. Cooke

Woldmaria filicina (Peck) Knudsen [D:JPN]

Fam. Cystostereaceae Jülich

Gen.322 *Crustomyces* Jülich

Crustomyces expallens (Bres.) Hjortstam [D:NEC]

Crustomyces subabruptus (Bourdot & Galzin) Jülich [D:KOR/JPN]

Gen.323 *Cystostereum* Pouzar

Cystostereum murrayi (Berk. & M.A. Curtis) Pouzar [D:NEC/FER]

Cystostereum submurrayi Yue Li, Nakasone, C.C. Chen & S.H. He [D:NEC]

Fam. Entolomataceae Kotl. & Pouzar

Gen.324 *Clitopilopsis* Maire

Clitopilopsis hirneola (Fr.) Kühner [D:FER]

Gen.325 *Clitopilus* (Fr. ex Rabenh.) P. Kumm.

Clitopilus brunneiceps S.P. Jian & Zhu L. Yang [D:NEC]

Clitopilus caespitosus Peck [D:NEC/JPN]

Clitopilus crepidotoides (Singer) Noordel. & Co-David [D:JPN]

Clitopilus infundibuliformis (Bidaud & Contu) Contu [D:KOR]

Clitopilus lignyotus Hongo [D:NEC/KOR/JPN]

Clitopilus piperitus (G. Stev.) Noordel. & Co-David [D:NEC]

Clitopilus prunulus (Scop.) P. Kumm. [D:NEC/FER/KOR/JPN]

Clitopilus scyphoides (Fr.) Singer [D:NEC/FER]

Clitopilus scyphoides var. *scyphoides* (Fr.) Singer [D:KOR]

Clitopilus subscyphoides W.Q. Deng, T.H. Li & Y.H. Shen [D:KOR]

Gen.326 *Entocybe* T.J. Baroni, V. Hofst. & Largent

Entocybe nitida (Quél.) T.J. Baroni, Largent & V. Hofst. [D:NEC/FER/JPN]

Entocybe turbida (Fr.) T.J. Baroni, V. Hofst. & Largent [D:NEC/FER/JPN]

Gen.327 *Entoloma* (Fr.) P. Kumm.

Entoloma abortivum (Berk. & M.A. Curtis) Donk [D:NEC/FER]

Entoloma acutoconicum (Hongo) E. Horak [D:JPN]

Entoloma aeruginosum Hiroë [D:KOR]

Entoloma aethiops (Scop.) G. Stev. [D:KOR]

Entoloma albatum Hesler [D:KOR]

Entoloma albidum Murrill [D:KOR]

Entoloma albinellum (Peck) Hesler [D:KOR]

Entoloma albipes Hesler [D:NEC]

Entoloma album Hiroë [D:NEC/KOR]

Entoloma alpicola (J. Favre) Bon & Jamoni [D:FER]

Entoloma ameides (Berk. & Broome) Sacc. [D:FER/KOR]

Entoloma anatinum (Lasch) Donk [D:KOR]

Entoloma angustispermum Noordel. & O.V. Morozova [D:NEC/FER]

Entoloma antillancae E. Horak [D:NEC]

Entoloma apiculatum (Fr.) Noordel. [D:NEC/FER]

Entoloma aprile (Britzelm.) Sacc. [D:FER/KOR]

Entoloma aranense Ferr. Caball. & Vila [D:FER]

Entoloma araneosum (Quél.) M.M. Moser [D:NEC/FER/JPN]

Entoloma asprellum (Fr.) Fayod [D:NEC]

Entoloma atropileatum Dennis [D:NEC]

Entoloma atrum (Hongo) Hongo [D:NEC/FER/KOR/JPN]

Entoloma aurantiacum Z.S. Bi [D:NEC]

Entoloma babingtonii (A. Bloxam) Hesler [D:FER]

Entoloma bisporigerum (P.D. Orton) Noordel. [D:NEC]

Entoloma bisporum (Hongo) Hongo [D:NEC/KOR/JPN]

Entoloma blandum Corner & E. Horak [D:NEC]

Entoloma boreale Kokkonen [D:NEC]

Entoloma brunneolum Hesler [D:JPN]

Entoloma brunneomarginatum Hesler [D:KOR]

Entoloma brunneostriatum Dennis [D:NEC]

Entoloma bulakhae O.V. Morozova & Noordel. [D:FER]

Entoloma byssisedum (Pers.) Donk [D:NEC/FER]

Entoloma caccabus (Kühner) Noordel. [D:NEC]

Entoloma caesiellum Noordel. & Wölfel [D:NEC/FER]

Entoloma caesiocinctum (Kühner) Noordel. [D:FER]

Entoloma caliginosum (Romagn. & J. Favre) Bon & Courtec. [D:FER]

Entoloma cephalotrichum (P.D. Orton) Noordel. [D:KOR]

Entoloma cetratum (Fr.) M.M. Moser [D:FER/JPN]

Entoloma chalybeum (Pers.) Noordel. [D:NEC/FER/KOR]

Entoloma chamaecyparidis (Hongo) Hongo [D:NEC/KOR/JPN]

Entoloma changchunense Xiao L. He & T.H. Li [D:NEC]

Entoloma chytrophilum Wölfel, Noordel. & Dähncke [D:KOR]

Entoloma cinchonense Murrill [D:KOR]

Entoloma clavaformipes Largent [D:KOR]

Entoloma clypeatum (L.) P. Kumm. [D:NEC/FER/KOR/JPN]

Entoloma coelestinum (Fr.) Hesler [D:NEC/KOR]

Entoloma commune Murrill [D:KOR]

Entoloma conchatum Xiao L. He & E. Horak [D:KOR]

Entoloma conferendum (Britzelm.) Noordel. [D:NEC/FER/KOR/JPN]

Entoloma convexum G. Stev. [D:KOR]

Entoloma cornicolor O.V. Morozova, Reschke & Noordel. [D:NEC]

Entoloma crassipes Petch [D:NEC/FER]

Entoloma crepidotoides W.Q. Deng & T.H. Li [D:NEC]

Entoloma cuboideum Hesler [D:KOR]

Entoloma cuspidiferum Noordel. [D:NEC]

Entoloma cyaneum Sacc. [D:NEC/KOR/JPN]

Entoloma cyanonigrum (Hongo) Hongo [D:NEC/KOR/JPN]

Entoloma cyanostipitum Xiao L. He & W.H. Peng [D:NEC]

Entoloma depluens (Batsch) Hesler [D:KOR/JPN]

Entoloma dichroum (Pers.) P. Kumm. [D:FER]

Entoloma dolosum Corner & E. Horak [D:KOR]

Entoloma dunense E. Horak [D:KOR]

Entoloma dysthales (Peck) Sacc. [D:NEC/FER]

Entoloma dysthaloides Noordel. [D:NEC]

Entoloma earlei Murrill [D:KOR]

Entoloma ekaterinae O.V. Morozova, Noordel., K. Nara, Dima & Brandrud [D:FER]

Entoloma euchroum (Pers.) Donk [D:FER]

Entoloma eugenei Noordel. & O.V. Morozova [D:FER/KOR]

Entoloma farinaceum Hesler [D:KOR]

Entoloma farlowii (Singer) Hesler [D:JPN]

Entoloma formosum (Fr.) Noordel. [D:NEC/FER]

Entoloma fracturans E. Horak [D:KOR]

Entoloma fragrans Hesler [D:KOR]

Entoloma fuligineomarginatum Hesler [D:KOR]

Entoloma fumosoalbum Murrill [D:KOR]

Entoloma fumosum Hesler [D:KOR]

Entoloma furfuraceum T.H. Li & Xiao L. He [D:NEC]

Entoloma fuscogrisellum (Peck) Blanco-Dios [D:FER]

Entoloma fuscorufescens (Speg.) E. Horak [D:NEC]

Entoloma giganteum Murrill [D:JPN]

Entoloma globisporum Morgan-Jones [D:KOR]

Entoloma glutiniceps (Hongo) Noordel. & Co-David [D:JPN]

Entoloma gomerense Wölfel & Noordel. [D:FER]

Entoloma grayanum (Peck) Sacc. [D:NEC/KOR]

Entoloma griseobrunneum Hesler [D:NEC/KOR]

Entoloma griseocyaneum (Fr.) P. Kumm. [D:NEC/FER]

Entoloma griseorubellum (Lasch) Kalamees & Urbonas [D:FER/JPN]

Entoloma hallstromii E. Horak [D:NEC]

Entoloma hirtipes (Schumach.) M.M. Moser [D:NEC/FER/KOR/JPN]

Entoloma hongkongense B. Liu & K. Tao [D:NEC]

Entoloma hypoporphyrum (Berk. & M.A. Curtis) Hesler [D:KOR]

Entoloma incanosquamulosum (Largent) Noordel. & Co-David [D:NEC]

Entoloma incanum (Fr.) Hesler [D:FER/KOR/JPN]

Entoloma infula (Fr.) Noordel. [D:FER]

Entoloma intutum Corner & E. Horak, [D:KOR]

Entoloma japonense Blanco-Dios [D:NEC/JPN]

Entoloma japonicum (Hongo) Hongo [D:NEC/JPN]

Entoloma jubatum (Fr.) P. Karst. [D:NEC/FER]

Entoloma juncinum (Kühner & Romagn.) Noordel. [D:NEC/FER/JPN]

Entoloma kansaiense (Hongo) Noordel. & Co-David [D:JPN]

Entoloma kauffmanii Malloch [D:KOR/JPN]

Entoloma kedrovense Noordel. & O.V. Morozova [D:FER]

Entoloma kujuense (Hongo) Hongo [D:JPN]

Entoloma lampropus (Fr.) Hesler [D:NEC/FER/KOR/JPN]

Entoloma lepidissimum (Svrček) Noordel. [D:NEC/FER/KOR]

Entoloma liaoningense Y. Li, L.L. Qi & Xiao L. He [D:NEC]

Entoloma lignoputridum Corner & E. Horak [D:KOR]

Entoloma lividoalbum (Kühner & Romagn.) Kubička [D:FER]

Entoloma lividocyanulum (Kühner) Noordel. [D:FER/KOR]

Entoloma longistriatum (Peck) Noordel. [D:NEC/FER/KOR]

Entoloma luridum Hesler [D:JPN]

Entoloma luteum Peck [D:JPN]

Entoloma madidum Gillet [D:JPN]

Entoloma majaloides P.D. Orton [D:FER]

Entoloma maleolens E. Horak [D:KOR]

Entoloma mammillatum (Murrill) Hesler [D:KOR]

Entoloma mammosum (L.) Hesler [D:NEC/FER]

Entoloma mediterraneense Noordel. & Hauskn. [D:NEC]

Entoloma melleipes (Murrill) Hesler [D:KOR]

Entoloma melleum E. Horak [D:KOR]

Entoloma mephiticum (Murrill) Hesler [D:KOR]

Entoloma mexicanum (Murrill) Hesler [D:NEC]

Entoloma minimum (Velen.) Noordel. [D:FER]

Entoloma minutoalbum E. Horak [D:FER/KOR]

Entoloma minutum (P. Karst.) Noordel. [D:FER]

Entoloma mongolicum Hauskn., Noordel. & Karasch [D:NEC/MNG]

Entoloma murinipes (Murrill) Hesler [D:NEC]

Entoloma murrayi (Berk. & M.A. Curtis) Sacc. & P. Syd. [D:FER/KOR]

Entoloma murrillii Hesler [D:NEC]

Entoloma mycenoides (Hongo) Hongo [D:NEC/KOR/JPN]

Entoloma myrmecophilum (Romagn.) M.M. Moser [D:NEC]

Entoloma neglectum (Lasch) Arnolds [D:NEC/FER]

Entoloma nigroviolaceum (P.D. Orton) Hesler [D:KOR]

Entoloma nitens (Velen.) Noordel. [D:NEC/FER]

Entoloma obscurocyaneum Ohkubo & H. Masumoto [D:JPN]

Entoloma ochraceum Hesler [D:KOR]

Entoloma olivipes A. Pearson ex Pegler [D:KOR]

Entoloma omiense (Hongo) E. Horak [D:KOR/JPN]

Entoloma opacum Noordel. [D:NEC]

Entoloma pallidocarpum Noordel. & O.V. Morozova [D:NEC/FER]

Entoloma pallido-olivaceum Hesler [D:KOR]

Entoloma papillatum (Bres.) Dennis [D:NEC/FER/JPN]

Entoloma parasericellum Corner & E. Horak [D:FER]

Entoloma parasiticum (Quél.) Kreisel [D:NEC/FER/JPN]

Entoloma parkensis (Fr.) Noordel. [D:NEC/FER]

Entoloma parvifructum Xiao L. He, E. Horak & T.H. Li [D:NEC]

Entoloma parvipapillatum (Murrill) Hesler [D:KOR]

Entoloma parvum (Peck) Hesler [D:NEC/KOR]

Entoloma peckianum Burt [D:KOR]

Entoloma peralbidum E. Horak [D:KOR]

Entoloma pinnum (Romagn.) Dennis [D:KOR]

Entoloma placidum (Fr.) Noordel. [D:NEC/FER]

Entoloma plebejum (Kalchbr.) Noordel. [D:NEC/FER/JPN]

Entoloma pleopodium (Bull.) Noordel. [D:NEC/FER]

Entoloma politoflavipes Noordel. & Liiv [D:NEC]

Entoloma politum (Pers.) Noordel. [D:NEC/FER]

Entoloma porphyrophaeum (Fr.) P. Karst. [D:NEC/FER/JPN]

Entoloma prostratum (Cleland) E. Horak [D:KOR]

Entoloma prunuloides (Fr.) Quél. [D:NEC/FER/JPN]

Entoloma pulchellum (Hongo) Hongo [D:NEC/KOR/JPN]

Entoloma pungens (A.H. Sm. & Hesler) Courtec. [D:KOR]

Entoloma putidum Hesler [D:KOR]

Entoloma pyrinum (Berk. & M.A. Curtis) Hesler [D:NEC/KOR]

Entoloma quadratum (Berk. & M.A. Curtis) E. Horak [D:FER/KOR/JPN]

Entoloma quasicyanonigrum Ohkubo, D. Sakuma & H. Masumoto [D:JPN]

Entoloma readiae G. Stev. [D:KOR]

Entoloma rhodopolium (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Entoloma roanense Hesler [D:KOR]

Entoloma roseoflavum Noordel. & O.V. Morozova [D:FER]

Entoloma rubellum (Scop.) Gillet [D:NEC]

Entoloma rusticoides (Gillet) Noordel. [D:NEC/FER/KOR]

Entoloma salmoneum (Peck) Sacc. [D:NEC/FER]

Entoloma sarcitum (Fr.) Noordel. [D:KOR]

Entoloma sarcopus Nagas. & Hongo [D:FER/KOR/JPN]

Entoloma saundersii (Fr.) Sacc. [D:NEC]

Entoloma scabrosum (Fr.) Noordel. [D:KOR]

Entoloma sepium (Noulet & Dass.) Richon & Roze [D:NEC]

Entoloma sericatum (Britzelm.) Sacc. [D:NEC/FER/KOR]

Entoloma sericellum (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Entoloma sericeoides (J.E. Lange) Noordel. [D:NEC]

Entoloma sericeum Quél. [D:NEC/FER/JPN]

Entoloma serrulatum (Fr.) Hesler [D:NEC/FER/KOR/JPN]

Entoloma singeri Mešić & Tkalčec [D:KOR]

Entoloma sinuatum (Bull.) P. Kumm. [D:NEC/KOR/JPN]

Entoloma spadix Hesler [D:KOR]

Entoloma speculum (Fr.) Quél. [D:NEC/FER]

Entoloma sphagnorum (Romagn. & J. Favre) Bon & Courtec. [D:NEC/FER/JPN]

Entoloma squamiferum E. Horak [D:KOR]

Entoloma squamodiscum Hesler [D:KOR]

Entoloma squamulosum Hesler [D:KOR]

Entoloma strictius (Peck) Sacc. [D:NEC/KOR]

Entoloma strigosissimum (Rea) Noordel. [D:NEC/FER]

Entoloma stylophorum (Berk. & Broome) Sacc. [D:FER]

Entoloma subaraneosum Xiao L. He & T.H. Li [D:NEC/KOR]

Entoloma subarcticum Noordel. [D:FER]

Entoloma subcaesiellum Noordel. & O.V. Morozova [D:FER]

Entoloma subcaesiocinctum Xiao L. He & W.H. Peng [D:NEC]

Entoloma subfarinaceum Hesler [D:KOR]

Entoloma subfloridanum (Murrill) Hesler [D:KOR]

Entoloma subgriseum Hesler [D:KOR]

Entoloma subnitidum S. Imai [D:JPN]

Entoloma subplanum (Peck) Hesler [D:NEC/KOR]

Entoloma subquadratum Hesler [D:KOR]

Entoloma subradiatum (Kühner & Romagn.) M.M. Moser [D:NEC]

Entoloma subrhombisporum Hesler [D:KOR]

Entoloma subumbilicatum Hesler [D:KOR]

Entoloma subvile (Peck) Hesler [D:KOR]

Entoloma tenellum (J. Favre) Noordel. [D:FER]

Entoloma tenuissimum T.H. Li & Xiao L. He [D:NEC]

Entoloma tephreum Hesler [D:KOR]

Entoloma tjallingiorum Noordel. [D:FER]

Entoloma tortuosum Hesler [D:NEC/KOR]

Entoloma uliginosum Kobayasi [D:JPN]

Entoloma umbilicatum Dennis [D:NEC/KOR]

Entoloma umbrinellum (S. Imai) Noordel. & Co-David [D:NEC/JPN]

Entoloma undatum (Gillet) M.M. Moser [D:NEC/FER]

Entoloma venustum Wölfel & F. Hampe [D:FER]

Entoloma vernalis (Har. Takah. & Degawa) V. Papp & Dima [D:JPN]

Entoloma vernum S. Lundell [D:NEC/FER]

Entoloma versatile (Gillet) M.M. Moser [D:FER]

Entoloma violaceobrunneum Hesler [D:KOR]

Entoloma violaceoserrulatum Noordel., Brandrud, O.V. Morozova & Dima [D:FER]

Entoloma violascens G.M. Gates & Noordel. [D:NEC]

Entoloma virescens (Sacc.) E. Horak ex Courtec. [D:KOR/JPN]

Entoloma virginicum Hesler [D:KOR]

Entoloma weberi Murrill [D:KOR]

Entoloma xanthochroum (P.D. Orton) Noordel. [D:NEC]

Gen.328 *Lulesia* Singer

Lulesia colorata (L. Fan & N. Mao) T.J. Baroni, Niveiro & B.E. Lechner [D:NEC]

Lulesia fallax (Quél.) T.J. Baroni, Niveiro & B.E. Lechner [D:NEC/FER]

Lulesia mundula (Lasch) T.J. Baroni, Niveiro & B.E. Lechner [D:NEC/FER]

Lulesia popinalis (Fr.) T.J. Baroni, B.E. Lechner & Niveiro [D:NEC/FER/MNG/KOR/JPN]

Gen.329 *Rhodocybe* Maire

Rhodocybe caelata (Fr.) Maire [D:NEC/FER]

Rhodocybe roseiavellanea (Murrill) Singer [D:JPN]

Rhodocybe subasyae T. Bau & Y.L. Sun [D:NEC]

Rhodocybe truncata (Schaeff.) Singer [D:NEC/FER/JPN]

Gen.330 *Rhodophana* Kühner

Rhodophana aershanensis J.Z. Xu [D:NEC]

Rhodophana nitellina (Fr.) Papetti [D:NEC/FER]

Gen.331 *Rhodophyllus* Quél.

Rhodophyllus griseorubidus Kühner [D:FER]

Rhodophyllus junceus J.E. Lange [D:FER]

Rhodophyllus radiatus J.E. Lange [D:FER]

Fam. Fayodiaceae Jülich

Gen.332 *Conchomyces* Overeem

Conchomyces verrucisporus Overeem [D:JPN]

Gen.333 *Fayodia* Kühner

Fayodia anthracobia (J. Favre) Knudsen [D:FER]

Fayodia gracilipes (Britzelm.) Bresinsky & Stangl [D:NEC]

Gen.334 *Myxomphalia* Hora

Myxomphalia maura (Fr.) Hora [D:FER/KOR]

Fam. Galeropsidaceae Singer

Gen.335 *Panaeolina* Maire

Panaeolina castaneifolia (Murrill) Bon [D:NEC]

Panaeolina foenisecii (Pers.) Maire [D:NEC/FER/JPN]

Panaeolina sagarae Hongo [D:JPN]

Gen.336 *Panaeolus* (Fr.) Quél.

Panaeolus acuminatus (P. Kumm.) Quél. [D:NEC]

Panaeolus alcis M.M. Moser [D:NEC/FER]

Panaeolus antillarum (Fr.) Dennis [D:NEC/KOR/JPN]

Panaeolus ater (J.E. Lange) Kühner & Romagn. ex Bon [D:NEC/FER]

Panaeolus cinctulus (Bolton) Sacc. [D:NEC/KOR]

Panaeolus cyanescens Sacc. [D:NEC/JPN]

Panaeolus desertorum (Velen. & Dvořák) E.F. Malysheva, G. Moreno, Svetash. & M. Villarreal [D:NEC]

Panaeolus fimicola (Pers.) Gillet [D:NEC/FER/KOR/JPN]

Panaeolus fimiputris (Bull.) Quél. [D:FER]

Panaeolus papilionaceus (Bull.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Panaeolus pusillus (Sacc.) Sacc. & Trotter [D:JPN]

Panaeolus reticulatus Overh. [D:KOR]

Panaeolus rhombispermus (Hongo) Birkebak, Voto & Ostuni [D:JPN]

Panaeolus semiglobatus (Murrill) Sacc. & Trotter [D:MNG]

Panaeolus semiovatus (Sowerby) S. Lundell & Nannf. [D:NEC/FER/MNG/KOR/JPN]

Panaeolus subbalteatus (Berk. & Broome) Sacc. [D:NEC/FER/KOR/JPN]

Panaeolus tropicalis Ola'h [D:NEC]

Fam. Hydnangiaceae Gäum. & C.W. Dodge

Gen.337 *Hydnangium* Wallr.

Hydnangium carneum Wallr. [D:JPN]

Gen.338 *Laccaria* Berk. & Broome

Laccaria acanthospora A.W. Wilson & G.M. Muell. [D:NEC]

Laccaria alba Zhu L. Yang & Lan Wang [D:KOR]

Laccaria amethysteo-occidentalis G.M. Muell. [D:NEC/FER]

Laccaria amethystina Cooke [D:NEC/FER/MNG/KOR/JPN]

Laccaria araneosa H.J. Cho & Y.W. Lim [D:KOR]

Laccaria bicolor (Maire) P.D. Orton [D:NEC/FER/KOR/JPN]

Laccaria echinospora (Speg.) Singer [D:FER/MNG]

Laccaria fraterna (Sacc.) Pegler [D:NEC/KOR]

Laccaria galerinoides Singer [D:KOR]

Laccaria griseolilacina H.J. Cho & Y.W. Lim [D:KOR]

Laccaria japonica Popa & K. Nara [D:KOR/JPN]

Laccaria laccata (Scop.) Cooke [D:NEC/FER/MNG/KOR/JPN]

Laccaria longipes G.M. Muell. [D:NEC]

Laccaria macrobasidia H.J. Cho & Y.W. Lim [D:KOR]

Laccaria montana Singer [D:FER/MNG]

Laccaria murina S. Imai [D:KOR/JPN]

Laccaria nigra Hongo [D:KOR/JPN]

Laccaria ohiensis (Mont.) Singer [D:NEC/KOR/JPN]

Laccaria parva H.J. Cho & Y.W. Lim [D:NEC/KOR]

Laccaria proxima (Boud.) Pat. [D:NEC/FER/MNG/KOR]

Laccaria pumila Fayod [D:NEC/FER]

Laccaria purpureobadia D.A. Reid [D:NEC/MNG]

Laccaria striatula (Peck) Peck [D:NEC/KOR]

Laccaria tetraspora Singer [D:FER]

Laccaria torosa H.J. Cho & Y.W. Lim [D:KOR]

Laccaria tortilis (Bolton) Cooke [D:NEC/FER/KOR/JPN]

Laccaria versiformis H.J. Cho & Y.W. Lim [D:NEC/KOR]

Laccaria vinaceoavellanea Hongo [D:NEC/KOR/JPN]

Fam. Hygrophoraceae Lotsy

Gen.339 *Ampulloclitocybe* Redhead, Lutzoni, Moncalvo & Vilgalys

Ampulloclitocybe avellaneialba (Murrill) Harmaja [D:JPN]

Ampulloclitocybe clavipes (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys

[D:NEC/FER/MNG/KOR/JPN]

Gen.340 *Arrhenia* Fr.

Arrhenia acerosa (Fr.) Kühner [D:FER]

Arrhenia auriscalpium (Fr.) Fr. [D:FER]

Arrhenia discorosea (Pilát) Zvyagina, A.V. Alexandrova & Bulyonk. [D:FER/MNG]

Arrhenia elegans (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:KOR]

Arrhenia epichysium (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys

[D:NEC/FER/MNG/KOR/JPN]

Arrhenia griseopallida (Desm.) Watling [D:NEC/KOR]

Arrhenia lobata (Pers.) Kühner & Lamoure ex Redhead [D:FER]

Arrhenia obatra (J. Favre) Redhead, Lutzoni, Moncalvo & Vilgalys [D:FER]

Arrhenia obscurata (D.A. Reid) Redhead, Lutzoni, Moncalvo & Vilgalys [D:FER]

Arrhenia oniscus (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:NEC]

Arrhenia rustica (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:NEC/FER/KOR/JPN]

Arrhenia salina (Høil.) Bon & Courtec. [D:FER]

Arrhenia spathulata (Fr.) Redhead [D:NEC/FER/JPN]

Arrhenia umbratilis (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:JPN]

Arrhenia velutipes (P.D. Orton) Redhead, Lutzoni, Moncalvo & Vilgalys [D:FER]

Gen.341 *Camarophyllus* (Fr.) P. Kumm.

Camarophyllus microbicolor S. Ito [D:JPN]

Gen.342 *Cantharellula* Singer

Cantharellula umbonata (J.F. Gmel.) Singer [D:NEC/FER/JPN]

Gen.343 *Chromosera* Redhead, Ammirati & Norvell

Chromosera cyanophylla (Fr.) Redhead, Ammirati & Norvell [D:NEC/FER]

Chromosera lilacina (P. Karst.) Vizzini & Ercole [D:FER]

Chromosera xanthochroa (P.D. Orton) Vizzini & Ercole [D:FER]

Gen.344 *Chrysomphalina* Clémençon

Chrysomphalina chrysophylla (Fr.) Clémençon [D:FER/MNG]

Chrysomphalina grossula (Pers.) Norvell, Redhead & Ammirati [D:FER/KOR/JPN]

Gen.345 *Cuphophyllus* (Donk) Bon

Cuphophyllus aurantius (Murrill) Lodge, K.W. Hughes & Lickey [D:JPN]

Cuphophyllus canescens (A.H. Sm. & Hesler) Bon [D:NEC]

Cuphophyllus flavipes (Britzelm.) Bon [D:FER]

Cuphophyllus lacmus (Schumach.) Bon [D:NEC/FER/KOR/JPN]

Cuphophyllus pratensis (Pers.) Bon [D:NEC/FER/KOR/JPN]

Cuphophyllus russocoriaceus (Berk. & T.K. Mill.) Bon [D:FER]

Cuphophyllus virgineus (Wulfen) Kovalenko [D:NEC/FER/MNG/KOR/JPN]

Gen.346 *Gliophorus* Herink

Gliophorus irrigatus (Pers.) A.M. Ainsw. & P.M. Kirk [D:FER/JPN]

Gliophorus laetus (Pers.) Herink [D:NEC/FER/JPN]

Gliophorus psittacinus (Schaeff.) Herink [D:NEC/FER/MNG/KOR/JPN]

Gen.347 *Gloioxanthomyces* Lodge, Vizzini, Ercole & Boertm.

Gloioxanthomyces nitidus (Berk. & M.A. Curtis) Lodge, Vizzini, Ercole & Boertm. [D:FER/JPN]

Gloioxanthomyces vitellinus (Fr.) Lodge, Vizzini, Ercole & Boertm. [D:NEC/FER/KOR]

Gen.348 *Humidicutis* (Singer) Singer

Humidicutis marginata (Peck) Singer [D:NEC]

Gen.349 *Hygroaster* Singer

Hygroaster nodulisporus (Dennis) Ralaiv., Niskanen & Liimat. [D:JPN]

Gen.350 *Hygrocybe* (Fr.) P. Kumm.

Hygrocybe acutoconica (Clem.) Singer [D:NEC/FER/MNG/KOR/JPN]

Hygrocybe aurantiosplendens R. Haller Aar. [D:FER]

Hygrocybe caespitosa Murrill [D:KOR/JPN]

Hygrocybe cantharellus (Schwein.) Murrill [D:NEC/FER/KOR/JPN]

Hygrocybe ceracea (Sowerby) P. Kumm. [D:NEC/FER/JPN]

Hygrocybe chlorophana (Fr.) Wünsche [D:NEC/FER/KOR/JPN]

Hygrocybe citrina (Rea) J.E. Lange [D:FER]

Hygrocybe coccinea (Schaeff.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Hygrocybe coccineocrenata (P.D. Orton) M.M. Moser [D:FER/KOR/JPN]

Hygrocybe coccineocrenata var. *coccineocrenata* (P.D. Orton) M.M. Moser [D:JPN]

Hygrocybe conica (Schaeff.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Hygrocybe constrictospora Arnolds [D:FER]

Hygrocybe croceolutea (Hongo) Hongo [D:JPN]

Hygrocybe cruenta (Hongo) Hongo [D:FER/KOR/JPN]

Hygrocybe cuspidata (Peck) Murrill [D:NEC/KOR/JPN]

Hygrocybe cystidiata Arnolds [D:NEC/FER]

Hygrocybe flavescens (Kauffman) Singer [D:NEC/FER/KOR/JPN]

Hygrocybe glutinipes (J.E. Lange) R. Haller Aar. [D:FER]

Hygrocybe hahashimensis (Hongo) Hongo [D:JPN]

Hygrocybe helobia (Arnolds) Bon [D:FER]

Hygrocybe hypohaemacta (Corner) Pegler [D:KOR/JPN]

Hygrocybe imazekii Hongo [D:NEC]

Hygrocybe ingrata J.P. Jensen & F.H. Møller [D:FER]

Hygrocybe insipida (J.E. Lange) M.M. Moser [D:NEC/FER]

Hygrocybe intermedia (Pass.) Fayod [D:FER]

Hygrocybe laeta var. *laeta* (Pers.) P. Kumm. [D:KOR]

Hygrocybe leucogloea A.M. Young [D:NEC]

Hygrocybe macrospora (S. Ito & S. Imai) S. Ito [D:JPN]

Hygrocybe marchii (Bres.) Singer [D:NEC/FER/KOR/JPN]

Hygrocybe miniata (Fr.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Hygrocybe miniatostriata (S. Ito & S. Imai) S. Ito [D:JPN]

Hygrocybe minutula (Peck) Murrill [D:FER/JPN]

Hygrocybe mucronella (Fr.) P. Karst. [D:NEC/FER]

Hygrocybe murinacea (Bull.) M.M. Moser [D:KOR]

Hygrocybe neoceracea Hongo [D:JPN]

Hygrocybe nigrescens (Quél.) Kühner [D:NEC/FER]

Hygrocybe obrussea (Fr.) Wünsche [D:FER/JPN]

Hygrocybe olivaceoviridis (Hongo) Hongo [D:JPN]

Hygrocybe otsuensis (Hongo) Hongo [D:JPN]

Hygrocybe pantoleuca (Hongo) Hongo [D:KOR/JPN]

Hygrocybe parvicoccinea (S. Ito & S. Imai) S. Ito [D:JPN]

Hygrocybe parvula (Peck) Murrill [D:NEC/FER]

Hygrocybe phaeococcinea (Arnolds) Bon [D:NEC]

Hygrocybe pratensis var. *pratensis* (Pers.) Murrill [D:KOR]

Hygrocybe procera (G. Stev.) E. Horak [D:FER]

Hygrocybe pseudococcinea Hongo [D:JPN]

Hygrocybe punicea (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Hygrocybe quieta (Kühner) Singer [D:NEC/FER]

Hygrocybe singeri (A.H. Sm. & Hesler) Singer [D:KOR]

Hygrocybe spadicea (Scop.) P. Karst. [D:NEC]

Hygrocybe stagnina Hongo [D:NEC/JPN]

Hygrocybe subacuta (Hongo) Hongo [D:JPN]

Hygrocybe subcinnabarina (Hongo) Hongo [D:KOR/JPN]

Hygrocybe subminutula Murrill [D:FER]

Hygrocybe subvitellina (S. Imai) S. Ito [D:KOR/JPN]

Hygrocybe suzukaensis (Hongo) Hongo [D:NEC/KOR/JPN]

Hygrocybe swanetica Singer [D:NEC/FER]

Hygrocybe turunda (Fr.) P. Karst. [D:NEC/FER/KOR/JPN]

Hygrocybe venusta Hongo [D:JPN]

Gen.351 *Hygrophorus* Fr.

Hygrophorus agathosmoides Lebeuf, E. Larss. & Bellanger [D:NEC]

Hygrophorus agathosmus (Fr.) Fr. [D:NEC/FER/JPN]

Hygrophorus alboflavescens Naseer & Khalid [D:NEC]

Hygrophorus arbustivus Fr. [D:FER/KOR/JPN]

Hygrophorus brunneodiscus C.Q. Wang & T.H. Li [D:NEC]

Hygrophorus calophyllus P. Karst. [D:FER]

Hygrophorus camarophyllus (Alb. & Schwein.) Dumée, Grandjean & Maire [D:NEC/FER/MNG/KOR/JPN]

Hygrophorus capreolarius (Kalchbr.) Sacc. [D:FER/KOR/JPN]

Hygrophorus carnescens S. Imai [D:JPN]

Hygrophorus chrysoconos S. Imai [D:JPN]

Hygrophorus chrysodon (Batsch) Fr. [D:NEC/FER/JPN]

Hygrophorus cossus (Sowerby) Fr. [D:JPN]

Hygrophorus croceus (Quél.) Killerm. [D:NEC/FER]

Hygrophorus discoideus (Pers.) Fr. [D:NEC/FER/JPN]

Hygrophorus eburneus (Bull.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Hygrophorus erubescens (Fr.) Fr. [D:NEC/FER/JPN]

Hygrophorus fagi G. Becker & Bon [D:NEC/JPN]

Hygrophorus fuscovillosulus S. Imai [D:JPN]

Hygrophorus gliocyclus Fr. [D:FER]

Hygrophorus glutinifer Fr. [D:NEC/FER/JPN]

Hygrophorus hedrychii (Velen.) K. Kult [D:NEC/FER]

Hygrophorus hypothejus (Fr.) Fr. [D:NEC/FER/MNG/JPN]

Hygrophorus inocybiformis A.H. Sm. [D:JPN]

Hygrophorus latitabundus Britzelm. [D:FER]

Hygrophorus laurae Morgan [D:NEC]

Hygrophorus lawrencei Hesler & A.H. Sm. [D:NEC]

Hygrophorus leucophaeus (Scop.) Fr. [D:FER/KOR/JPN]

Hygrophorus ligatus (Fr.) Fr. [D:NEC]

Hygrophorus lilacinogriseus Hongo [D:JPN]

Hygrophorus limacinus (Scop.) Fr. [D:FER]

Hygrophorus lindtneri M.M. Moser [D:NEC/FER]

Hygrophorus lucorum Kalchbr. [D:NEC/FER/MNG/KOR/JPN]

Hygrophorus melizeus (Fr.) Fr. [D:FER]

Hygrophorus mesotephrus Berk. & Broome [D:JPN]

Hygrophorus nemoreus (Pers.) Fr. [D:NEC/FER]

Hygrophorus occidentalis A.H. Sm. & Hesler [D:NEC/FER]

Hygrophorus olivaceoalbus (Fr.) Fr. [D:NEC/FER]

Hygrophorus orientalis H.Y. Huang & L.P. Tang [D:NEC]

Hygrophorus pacificus A.H. Sm. & Hesler [D:NEC/FER]

Hygrophorus pallidoagathosmus C.Q. Wang, Ming Zhang & T.H. Li [D:NEC]

Hygrophorus penarius Fr. [D:FER]

Hygrophorus piceae Kühner [D:NEC/FER]

Hygrophorus pseudochrysaspis Hesler & A.H. Sm. [D:NEC]

Hygrophorus pudorinus (Fr.) Fr. [D:NEC/FER/JPN]

Hygrophorus purpurascens Gonn. & Rabenh. [D:NEC/FER/KOR/JPN]

Hygrophorus queletii Bres. [D:NEC/FER]

Hygrophorus russula (Schaeff. ex Fr.) Bataille [D:NEC/FER/KOR/JPN]

Hygrophorus secretanii Henning [D:FER]

Hygrophorus speciosus Peck [D:NEC/FER/MNG/JPN]

Hygrophorus subniveus S. Imai [D:JPN]

Hygrophorus testaceus Lj.N. Vassiljeva [D:FER]

Hygrophorus unicolor Gröger [D:NEC]

Hygrophorus yukishiro N. Endo, Tokoo & A. Yamada [D:JPN]

Gen.352 *Lichenomphalia* Redhead, Lutzoni, Moncalvo & Vilgalys

Lichenomphalia alpina (Britzelm.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:FER/MNG/JPN]

Lichenomphalia hudsoniana (H.S. Jenn.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:FER]

Lichenomphalia luteovitellina (Pilát & Nannf.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:FER/JPN]

Lichenomphalia umbellifera (L.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:NEC/FER/MNG/JPN]

Lichenomphalia velutina (Quél.) Redhead, Lutzoni, Moncalvo & Vilgalys [D:FER]

Gen.353 *Neohygrocybe* Herink

Neohygrocybe nitrata (Pers.) Kovalenko [D:KOR]

Neohygrocybe ovina (Bull.) Herink [D:FER/KOR/JPN]

Gen.354 *Porpolomopsis* Bresinsky

Porpolomopsis calyptriformis (Berk.) Bresinsky [D:NEC/KOR/JPN]

Gen.355 *Pseudoarmillariella* (Singer) Singer

Pseudoarmillariella bacillaris Zhu L. Yang, B. Feng & Y.J. Hao [D:NEC]

Pseudoarmillariella ectypoides (Peck) Singer [D:NEC/FER]

Gen.356 *Spodocybe* Z.M. He & Zhu L. Yang

Spodocybe collina (Velen.) Vizzini, P. Alvarado & Dima [D:FER]

Spodocybe tomentosa J.Z. Xu [D:NEC]

Spodocybe trulliformis (Fr.) Vizzini, P. Alvarado & Dima [D:NEC/FER]

Fam. Hymenogastraceae Vittad. [as 'Hymenogastereae']

Gen.357 *Alnicola* Kühner

Alnicola cholea Kühner [D:NEC]

Gen.358 *Flammula* (Fr.) P. Kumm.

Flammula alnicola (Fr.) P. Kumm. [D:NEC/FER/KOR]

Flammula maackiae Singer [D:FER]

Gen.359 *Galerina* Earle

Galerina arctica (Singer) Nezdojm. [D:FER]

Galerina atkinsoniana A.H. Sm. [D:NEC/FER]

Galerina badipes (Pers.) Kühner [D:NEC/FER]

Galerina borealis A.H. Sm. & Singer [D:FER]

Galerina calyptrata P.D. Orton [D:NEC/FER/KOR]

Galerina camerina (Fr.) Kühner [D:NEC/FER]

Galerina cerina A.H. Sm. & Singer [D:FER]

Galerina clavata (Velen.) Kühner [D:NEC/FER]

Galerina dimorphocystis A.H. Sm. & Singer [D:FER]

Galerina evelata (Singer) A.H. Sm. & Singer [D:FER]

Galerina fasciculata Hongo [D:NEC/KOR/JPN]

Galerina filiformis A.H. Sm. & Singer [D:NEC]

Galerina harrisonii (Dennis) Bas & Vellinga [D:FER]

Galerina helvoliceps (Berk. & M.A. Curtis) Singer [D:NEC/FER/KOR/JPN]

Galerina heterocystis (G.F. Atk.) A.H. Sm. & Singer [D:NEC/FER/JPN]

Galerina hybrida Kühner [D:NEC]

Galerina hypnorum (Schrank) Kühner [D:NEC/FER]

Galerina jaapii A.H. Sm. & Singer [D:NEC]

Galerina josserandii Kühner [D:FER]

Galerina marginata (Batsch) Kühner [D:NEC/FER/KOR/JPN]

Galerina megalocystis A.H. Sm. & Singer [D:NEC]

Galerina mniophila (Lasch) Kühner [D:FER]

Galerina nana (Petri) Kühner [D:FER/JPN]

Galerina oregonensis A.H. Sm. [D:NEC]

Galerina paludosa (Fr.) Kühner [D:NEC/FER]

Galerina perianiana (Sacc. & Cub.) Pegler [D:FER]

Galerina pistillicystis (G.F. Atk.) A.H. Sm. & Singer [D:NEC]

Galerina pseudocamerina Singer [D:FER/JPN]

Galerina pseudocerina A.H. Sm. & Singer [D:FER]

Galerina pseudomniophila Kühner [D:NEC/FER]

Galerina pseudomycenopsis Pilát [D:NEC/FER]

Galerina pumila (Pers.) Singer [D:NEC/FER]

Galerina sahleri (Quél.) Kühner [D:NEC]

Galerina salicicola P.D. Orton [D:FER]

Galerina sideroides (Bull.) Kühner [D:NEC/FER/KOR]

Galerina sphagnorum (Pers.) Kühner [D:NEC/FER/JPN]

Galerina stagnina (Fr.) Kühner [D:NEC/FER/JPN]

Galerina stordalii A.H. Sm. [D:FER]

Galerina stylifera (G.F. Atk.) A.H. Sm. & Singer [D:NEC/FER]

Galerina subcerina A.H. Sm. & Singer [D:JPN]

Galerina sulciceps (Berk.) Boedijn [D:NEC/KOR]

Galerina tibiicystis (G.F. Atk.) Kühner [D:NEC/FER/JPN]

Galerina triscopa (Fr.) Kühner [D:FER]

Galerina uncialis (Britzelm.) Kühner [D:NEC]

Galerina vittiformis (Fr.) Singer [D:NEC/FER/KOR/JPN]

Gen.360 *Gymnopilus* P. Karst.

Gymnopilus aeruginosus (Peck) Singer [D:NEC/FER/MNG/KOR/JPN]

Gymnopilus aurantiobrunneus Z.S. Bi [D:NEC]

Gymnopilus bellulus (Peck) Murrill [D:NEC/FER]

Gymnopilus crociphyllus (Sacc.) Pegler [D:KOR]

Gymnopilus decipiens (Sacc.) P.D. Orton [D:NEC/FER]

Gymnopilus fulgens (J. Favre & Maire) Singer [D:NEC/FER]

Gymnopilus hybridus (Gillet) Maire [D:NEC/FER]

Gymnopilus intermedius (Singer) Singer [D:FER]

Gymnopilus junonius (Fr.) P.D. Orton [D:NEC/FER/KOR/JPN]

Gymnopilus lepidotus Hesler [D:KOR]

Gymnopilus liquiritiae (Pers.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Gymnopilus luteofolius (Peck) Singer [D:NEC/FER]

Gymnopilus microsporus Singer [D:FER]

Gymnopilus minisporus T. Bau & M.T. Liu [D:NEC]

Gymnopilus noviholocirrhus S. Ito & S. Imai [D:NEC/JPN]

Gymnopilus odini (Fr.) Bon & P. Roux [D:FER]

Gymnopilus ombrophilus Miyauchi [D:JPN]

Gymnopilus penetrans (Fr.) Murrill [D:NEC/FER/MNG/JPN]

Gymnopilus picreus (Pers.) P. Karst. [D:NEC/FER/KOR]

Gymnopilus poaceophilus T. Bau & H. Cheng [D:MNG]

Gymnopilus pulchrifolius (Peck) Murrill [D:FER]

Gymnopilus sapineus (Fr.) Murrill [D:NEC/FER/KOR]

Gymnopilus satur Kühner [D:NEC]

Gymnopilus suberis (Maire) Singer [D:NEC]

Gymnopilus subsphaerosporus (Joss.) Kühner & Romagn. [D:FER]

Gen.361 *Hebeloma* (Fr.) P. Kumm.

Hebeloma alpinum (J. Favre) Bruchet [D:NEC/FER]

Hebeloma anthracophilum Maire [D:FER]

Hebeloma asperosporum Beker & U. Eberh. [D:JPN]

Hebeloma aurantioumbrinum Beker, Vesterh. & U. Eberh. [D:FER]

Hebeloma birrus (Fr.) Gillet [D:NEC/FER/KOR]

Hebeloma cavipes Huijsman [D:KOR]

Hebeloma celatum Grilli, U. Eberh. & Beker [D:NEC]

Hebeloma cinnamomeum Beker & U. Eberh. [D:JPN]

Hebeloma circinans (Quél.) Sacc. [D:FER]

Hebeloma citrisporum Beker & U. Eberh. [D:JPN]

Hebeloma clavulipes Romagn. [D:FER]

Hebeloma collariatum Bruchet [D:NEC]

Hebeloma crustuliniforme (Bull.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Hebeloma dunense L. Corb. & R. Heim [D:FER]

Hebeloma fragilipes Romagn. [D:FER]

Hebeloma hiemale Bres. [D:NEC/FER]

Hebeloma ingratum Bruchet [D:FER]

Hebeloma kuehneri Bruchet [D:FER]

Hebeloma lactariolens (Clémençon & Hongo) B.J. Rees & Orlovich [D:JPN]

Hebeloma laterinum (Batsch) Vesterh. [D:NEC/FER]

Hebeloma leucosarx P.D. Orton [D:NEC/FER]

Hebeloma luchuense Fukiharu & Hongo [D:JPN]

Hebeloma marginatulum (J. Favre) Bruchet [D:FER]

Hebeloma mesophaeum (Pers.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Hebeloma pallidoluctuosum Gröger & Zschiesch. [D:FER]

Hebeloma populinum Romagn. [D:FER]

Hebeloma pubescens Beker & U. Eberh. [D:FER]

Hebeloma pusillum J.E. Lange [D:NEC/FER]

Hebeloma radicosoides Sagara, Hongo & Y. Murak. [D:KOR/JPN]

Hebeloma radicosum (Bull.) Ricken [D:NEC/KOR/JPN]

Hebeloma sacchariolens Quél. [D:NEC/FER/JPN]

Hebeloma serratum (Cleland) E. Horak [D:NEC]

Hebeloma sinapizans (Paulet) Gillet [D:NEC/FER]

Hebeloma sinuosum (Fr.) Quél. [D:NEC/FER/JPN]

Hebeloma sordescens Vesterh. [D:NEC]

Hebeloma sordidum Maire [D:FER]

Hebeloma spetsbergense Beker & U. Eberh. [D:FER]

Hebeloma spoliatum (Fr.) Gillet [D:NEC/FER/MNG/KOR/JPN]

Hebeloma submelinoides (Kühner) Kühner [D:FER]

Hebeloma testaceum Batsch ex Quél. [D:NEC/FER]

Hebeloma vaccinum Romagn. [D:FER]

Hebeloma velutipes Bruchet [D:FER]

Hebeloma versipelle (Fr.) Gillet [D:NEC/FER]

Hebeloma vinosophyllum Hongo [D:NEC/KOR/JPN]

Gen.362 *Hymenogaster* Vittad.

Hymenogaster arenarius Tul. & C. Tul. [D:NEC/JPN]

Hymenogaster citrinus Vittad. [D:FER]

Hymenogaster lycoperdineus Vittad. [D:NEC]

Hymenogaster mutabilis (Soehner) Zeller & C.W. Dodge [D:NEC]

Hymenogaster olivaceus Vittad. [D:NEC]

Hymenogaster pacificus Kobayasi [D:JPN]

Hymenogaster sulcatus R. Hesse [D:NEC]

Hymenogaster tener Berk. [D:JPN]

Hymenogaster vulgaris Tul. & C. Tul. [D:NEC]

Gen.363 *Naematoloma* P. Karst.

Naematoloma discoideum T.X. Meng & T. Bau [D:NEC]

Naematoloma gracile Hongo [D:KOR/JPN]

Naematoloma squamosum var. *thraustum* (Kalchbr.) Imazeki & Hongo [D:KOR]

Gen.364 *Naucoria* (Fr.) P. Kumm.

Naucoria alnetorum (Maire) Kühner & Romagn. [D:FER]

Naucoria bohemica Velen. [D:FER]

Naucoria escharioides (Fr.) P. Kumm. [D:FER]

Naucoria luteolofibrillosa (Kühner) Kühner & Romagn. [D:FER]

Naucoria melinoides (Bull.) P. Kumm. [D:FER]

Naucoria salicis P.D. Orton [D:NEC/FER]

Naucoria scolecina (Fr.) Quél. [D:FER]

Naucoria silvae-novae D.A. Reid [D:FER]

Naucoria spadicea D.A. Reid [D:FER]

Naucoria striatula P.D. Orton [D:FER]

Naucoria suavis Bres. [D:FER]

Naucoria subconspersa Kühner ex P.D. Orton [D:FER]

Gen.365 *Phaeocollybia* R. Heim

Phaeocollybia christinae (Fr.) R. Heim [D:NEC/FER/JPN]

Phaeocollybia festiva (Fr.) R. Heim [D:NEC/FER/JPN]

Phaeocollybia jennyae (P. Karst.) Romagn. [D:NEC/FER]

Phaeocollybia lugubris (Fr.) R. Heim [D:NEC/FER/JPN]

Gen.366 *Psilocybe* (Fr.) P. Kumm.

Psilocybe atrobrunnea (Lasch) Gillet [D:FER]

Psilocybe baeocystis Singer & A.H. Sm. [D:NEC]

Psilocybe capitulata Har. Takah. [D:JPN]

Psilocybe coronilla (Bull.) Noordel. [D:MNG]

Psilocybe cubensis (Earle) Singer [D:NEC/JPN]

Psilocybe lonchophora (Berk. & Broome) E. Horak [D:JPN]

Psilocybe mongolica Sarentoya & T. Bau [D:NEC]

Psilocybe panaeoliformis Murrill [D:JPN]

Psilocybe paupera Singer [D:FER]

Psilocybe pelliculosa (A.H. Sm.) Singer & A.H. Sm. [D:NEC]

Psilocybe semilanceata (Fr.) P. Kumm. [D:FER]

Psilocybe strictipes Singer & A.H. Sm. [D:FER]

Psilocybe subaeruginascens Höhn. [D:JPN]

Psilocybe subcaerulipes Hongo [D:NEC/KOR/JPN]

Psilocybe tuberifera Fraiture [D:JPN]

Psilocybe venenata Imazeki & Hongo [D:JPN]

Incertae sedis

Gen.367 Amparoina Singer

Amparoina heteracantha Singer [D:KOR]

Gen.368 *Aspropaxillus* Kühner & Maire

Aspropaxillus candidus (Bres.) M.M. Moser [D:NEC/FER]

Aspropaxillus giganteus (Sowerby) Kühner & Maire [D:NEC/MNG/KOR/JPN]

Aspropaxillus septentrionalis (Singer & A.H. Sm.) Vizzini [D:KOR/JPN]

Gen.369 *Baeospora* Singer

Baeospora myosura (Fr.) Singer [D:NEC/KOR/JPN]

Baeospora myriadophylla (Peck) Singer [D:NEC/FER/KOR/JPN]

Gen.370 *Cymatellopsis* Parmasto

Cymatellopsis ilmiana Parmasto [D:FER]

Gen.371 *Cystodermella* Harmaja

Cystodermella ambrosii (Bres.) Harmaja [D:FER]

Cystodermella cinnabarina (Alb. & Schwein.) Harmaja [D:NEC/FER/MNG/KOR/JPN]

Cystodermella granulosa (Batsch) Harmaja [D:NEC/FER/MNG/KOR/JPN]

Cystodermella terryi (Berk. & Broome) Bellù [D:NEC/MNG]

Gen.372 *Hygrophorocybe* Vizzini & Contu

Hygrophorocybe carolinensis (H.E. Bigelow & Hesler) Vizzini, Consiglio & P. Alvarado [D:NEC]

Gen.373 *Lactocollybia* Singer

Lactocollybia cycadicola (Joss.) Singer [D:JPN]

Gen.374 *Leucocortinarius* (J.E. Lange) Singer

Leucocortinarius bulbiger (Alb. & Schwein.) Singer [D:NEC/FER/MNG/JPN]

Gen.375 *Lycogalopsis* E. Fisch.

Lycogalopsis solmsii E. Fisch. [D:JPN]

Gen.376 *Macrotyphula* R.H. Petersen

Macrotyphula phacorrhiza (Reichard) Olariaga, Huhtinen, Læssøe, J.H. Petersen & K. Hansen [D:NEC/FER/KOR/JPN]

Gen.377 *Meottomyces* Vizzini

Meottomyces striatulus (A.H. Sm. & Hesler) Vizzini [D:NEC]

Gen.378 *Mycenella* (J.E. Lange) Singer

Mycenella bryophila (Voglino) Singer [D:FER]

Gen.379 *Omphalia* (Pers.) Gray

Omphalia gracillima (Weinm.) Quél. [D:NEC]

Omphalia subpellucida (Berk. & M.A. Curtis) Sacc. [D:NEC]

Gen.380 *Omphaliaster* Lamoure

Omphaliaster asterosporus (J.E. Lange) Lamoure [D:FER]

Omphaliaster borealis (M. Lange & Skifte) Lamoure [D:FER]

Gen.381 *Paralepista* Raithelh.

Paralepista flaccida (Sowerby) Vizzini [D:NEC/FER/KOR/JPN]

Paralepista gilva (Pers.) Raithelh. [D:NEC/FER/JPN]

Paralepista splendens (Pers.) Vizzini [D:NEC]

Gen.382 *Phaeotellus* Kühner & Lamoure

Phaeotellus roseolus (Quél.) E. Horak [D:FER]

Gen.383 *Pruinomycena* Kun L. Yang, Jia Y. Lin & Zhu L. Yang

Pruinomycena acicula (Schaeff.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Gen.384 *Pseudolyophyllum* Raithelh.

Pseudolyophyllum metachroum (Fr.) Raithelh. ex Z.M. He & Zhu L. Yang [D:NEC/FER]

Gen.385 *Pseudoomphalina* (Singer) Singer

Pseudoomphalina compressipes (Peck) Singer [D:FER]

Gen.386 *Rimbachia* Pat.

Rimbachia arachnoidea (Peck) Redhead [D:FER]

Gen.387 *Ripartitella* Singer

Ripartitella brasiliensis (Speg.) Singer [D:JPN]

Gen.388 *Ripartites* P. Karst.

Ripartites metrodii Huijsman [D:NEC]

Ripartites tricholoma (Alb. & Schwein.) P. Karst. [D:NEC/FER/JPN]

Gen.389 *Xeromphalina* Kühner & Maire [as '*Xeromphalia*']

Xeromphalina campanella (Batsch) Kühner & Maire [D:NEC/FER/MNG/KOR/JPN]

Xeromphalina cauticinalis (Fr.) Kühner & Maire [D:NEC/FER/MNG/KOR/JPN]

Xeromphalina cornui (Quél.) J. Favre [D:FER/JPN]

Xeromphalina curtipes Hongo [D:KOR]

Xeromphalina enigmatica K.W. Hughes & R.H. Petersen [D:FER]

Xeromphalina fraxinophila A.H. Sm. [D:NEC]

Xeromphalina helbergeri Singer [D:JPN]

Xeromphalina kauffmanii A.H. Sm. [D:JPN]

Xeromphalina setulipes Esteve-Rav. & G. Moreno [D:NEC]

Xeromphalina subsetilipes T. Bau & L.N. Liu [D:NEC]

Xeromphalina tenuipes (Schwein.) A.H. Sm. [D:NEC/MNG/JPN]

Fam. Inocybaceae Jülich

Gen.390 *Inocybe* (Fr.) Fr.

Inocybe abjecta P. Karst. [D:NEC]

Inocybe acutata Takah. Kobay. & Nagas. [D:NEC/FER/KOR/JPN]

Inocybe acutoides Kokkonen & Vauras [D:NEC]

Inocybe albodisca Peck [D:KOR]

Inocybe albofibrillosa Stangl & Schmid-Heckel [D:FER]

Inocybe alnea Stangl [D:FER]

Inocybe alpigenes (E. Horak) Bon [D:FER]

Inocybe amethystina Kuyper [D:FER]

Inocybe appendiculata Kühner [D:NEC/FER]

Inocybe armeniaca Huijsman [D:NEC]

Inocybe assimilata Britzelm. [D:NEC/FER]

Inocybe asterospora Quél. [D:NEC/FER/MNG/KOR/JPN]

Inocybe atroumbonata Hongo [D:JPN]

Inocybe auricoma (Batsch) Sacc. [D:FER]

Inocybe bresadolae Massee [D:KOR]

Inocybe brunnea Quél. [D:FER/MNG]

Inocybe brunneotomentosa Huijsman [D:FER]

Inocybe caesariata (Fr.) P. Karst. [D:NEC/KOR]

Inocybe calida Velen. [D:FER/JPN]

Inocybe calospora Quél. [D:NEC/FER/KOR/JPN]

Inocybe carissima Bandini, Hussong & Brandrud [D:NEC]

Inocybe caroticolor T. Bau & Y.G. Fan [D:NEC/KOR]

Inocybe casimiri Velen. [D:NEC]

Inocybe castanea Peck [D:NEC]

Inocybe chalcodoxantha Grund & D.E. Stuntz [D:NEC]

Inocybe chrysochroa Takah. Kobay. & Courtec. [D:JPN]

Inocybe cicatricata Ellis & Everh. [D:FER]

Inocybe cincinnata (Fr.) Quél. [D:NEC/FER/KOR/JPN]

Inocybe clavata Takah. Kobay. [D:JPN]

Inocybe coerulescens Kobayasi [D:JPN]

Inocybe confusa P. Karst. [D:FER]

Inocybe corydalina Quél. [D:NEC/FER/KOR]

Inocybe cryptocystis D.E. Stuntz [D:NEC/FER]

Inocybe curvipes P. Karst. [D:NEC/FER/KOR/JPN]

Inocybe decipiens Bres. [D:FER]

Inocybe decipientoides Peck [D:NEC]

Inocybe deglubens (Fr.) Gillet [D:FER]

Inocybe dulcamara (Pers.) P. Kumm. [D:NEC/FER/MNG/JPN]

Inocybe dunensis P.D. Orton [D:NEC/JPN]

Inocybe duriuscula Rea [D:NEC]

Inocybe earleana Kauffman [D:NEC]

Inocybe egenula J. Favre [D:FER]

Inocybe eutheles (Fr.) Quél. [D:FER]

Inocybe euviolacea E. Ludw. [D:NEC/FER]

Inocybe excoriata Peck [D:FER]

Inocybe fastuosa Takah. Kobay. [D:JPN]

Inocybe fibrosoides Kühner [D:FER]

Inocybe flavobrunnea Y.C. Wang [D:NEC]

Inocybe flocculosa Sacc. [D:NEC/FER/KOR]

Inocybe fraudans (Britzelm.) Sacc. [D:NEC/FER]

Inocybe fulvella Bres. [D:NEC]

Inocybe furfurea Kühner [D:JPN]

Inocybe fuscidula var. *fuscidula* Velen. [D:JPN]

Inocybe fuscidula Velen. [D:NEC/FER/KOR]

Inocybe geophylla P. Kumm. [D:NEC/FER/KOR/JPN]

Inocybe geophylla var. *geophylla* P. Kumm. [D:NEC]

Inocybe giacomi J. Favre [D:FER]

Inocybe glabrescens Velen. [D:NEC/FER]

Inocybe glabripes Ricken [D:NEC/FER/JPN]

Inocybe glabrodisca P.D. Orton [D:FER/JPN]

Inocybe glaucescens Matheny & Kudzma [D:NEC]

Inocybe godeyi Gillet [D:NEC/FER]

Inocybe grammata Quél. [D:NEC/FER/MNG/JPN]

Inocybe grammatoides Esteve-Rav., Pancorbo & E. Rubio [D:KOR]

Inocybe griseolilacina J.E. Lange [D:NEC/FER/KOR]

Inocybe griseovelata Kühner [D:FER]

Inocybe haemacta (Berk. & Cooke) Sacc. [D:NEC]

Inocybe helobia (Kuyper) Bandini, B. Oertel & U. Eberh. [D:FER]

Inocybe hinoana Yukawa & Katum. [D:JPN]

Inocybe hirtella Bres. [D:NEC/FER/KOR/JPN]

Inocybe hystrix (Fr.) P. Karst. [D:FER/JPN]

Inocybe impexa (Lasch) Kuyper [D:FER]

Inocybe infida (Peck) Earle [D:JPN]

Inocybe inodora Velen. [D:FER]

Inocybe intricata Peck [D:FER]

Inocybe kasugayamensis Hongo [D:JPN]

Inocybe kobayasii Hongo [D:KOR/JPN]

Inocybe lacera (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Inocybe lacera var. *lacera* (Fr.) P. Kumm. [D:NEC]

Inocybe lageniformis Takah. Kobay. [D:JPN]

Inocybe langei R. Heim [D:FER]

Inocybe lanuginosa (Bull.) Kalchbr. [D:NEC/FER/JPN]

Inocybe lanuginosa var. *lanuginosa* (Bull.) Kalchbr. [D:KOR]

Inocybe latibulosa E. Horak, Matheny & Desjardin [D:KOR]

Inocybe leonina Esteve-Rav. & A. Caball. [D:NEC]

Inocybe leptoclada Takah. Kobay. & Courtec. [D:JPN]

Inocybe leptoderma Takah. Kobay. & Nukada [D:JPN]

Inocybe leptophylla G.F. Atk. [D:NEC/FER/KOR/JPN]

Inocybe longipes Massee [D:FER]

Inocybe lutea Kobayasi & Hongo [D:NEC/KOR/JPN]

Inocybe luteola Takah. Kobay. [D:JPN]

Inocybe maculipes J. Favre [D:FER]

Inocybe magnicarpa Takah. Kobay. [D:JPN]

Inocybe margaritispora (Berk.) Sacc. [D:NEC/FER]

Inocybe melanopoda D.E. Stuntz [D:FER]

Inocybe mixtilis (Britzelm.) Sacc. [D:FER]

Inocybe monochroa J. Favre [D:JPN]

Inocybe montana Kobayasi [D:NEC/KOR/JPN]

Inocybe multicoronata A.H. Sm. [D:KOR]

Inocybe mundula (J. Favre) Kühner [D:FER]

Inocybe muricellata Bres. [D:FER]

Inocybe napiformis Takah. Kobay. [D:JPN]

Inocybe napipes J.E. Lange [D:NEC/FER/JPN]

Inocybe neoflocculosa Kobayasi [D:JPN]

Inocybe nigrescens G.F. Atk. [D:NEC]

Inocybe niigatensis Hongo [D:KOR/JPN]

Inocybe nitidiuscula (Britzelm.) Lapl. [D:NEC/FER/JPN]

Inocybe nobilissima Matheny & Bougher [D:JPN]

Inocybe nodulosospora Kobayasi [D:KOR/JPN]

Inocybe oblonga T. Bau & Y.G. Fan [D:NEC]

Inocybe obscura Gillet [D:FER/JPN]

Inocybe obscurobadia (J. Favre) Grund & D.E. Stuntz [D:NEC/FER]

Inocybe ochracea Stangl [D:FER]

Inocybe ochraceomarginata Kauffman [D:NEC]

Inocybe ochroalba Bruyl. [D:FER]

Inocybe ovoidea Takah. Kobay. [D:JPN]

Inocybe ozeensis Kobayasi [D:NEC]

Inocybe pachydermica Takah. Kobay. [D:JPN]

Inocybe pachypleura Takah. Kobay. [D:NEC/JPN]

Inocybe pallidicremea Grund & D.E. Stuntz [D:NEC]

Inocybe paludinella (Peck) Sacc. [D:FER/JPN]

Inocybe pelargonium Kühner [D:FER]

Inocybe petiginosa (Fr.) Gillet [D:FER]

Inocybe phaeodisca var. *geophylloides* Kühner [D:JPN]

Inocybe phaeodiscoides T. Bau & Y.G. Fan [D:NEC]

Inocybe plumosa Kalchbr. [D:NEC]

Inocybe populea Takah. Kobay. & Courtec. [D:JPN]

Inocybe posterula (Britzelm.) Sacc. [D:FER/MNG]

Inocybe praetervisa Quél. [D:NEC/FER/KOR/JPN]

Inocybe proximella P. Karst. [D:FER/KOR]

Inocybe pseudoasterospora Kühner & Boursier [D:FER/JPN]

Inocybe pseudodestricta Stangl & J. Veselský [D:NEC/FER/JPN]

Inocybe pseudohiulca Kühner [D:FER]

Inocybe pseudoreducta Stangl & Glowinski [D:JPN]

Inocybe pseudorhacodes Takah. Kobay. & Courtec. [D:JPN]

Inocybe pseudoumbrina Stangl [D:FER]

Inocybe pusio P. Karst. [D:NEC/FER]

Inocybe putilla Bres. [D:JPN]

Inocybe pyriformis Takah. Kobay. & S. Kurogi [D:JPN]

Inocybe pyriodora (Pers.) P. Kumm. [D:NEC/FER]

Inocybe radiata Peck [D:NEC]

Inocybe ravaensis Kalamees & Shchukin [D:FER]

Inocybe repanda (Bull.) Quél. [D:NEC]

Inocybe rivierana Bandini & B. Oertel [D:NEC]

Inocybe rufoalba Sacc. [D:FER/JPN]

Inocybe salicis Kühner [D:FER]

Inocybe salicis-herbaceae Kühner [D:FER]

Inocybe sapinea Velen. [D:FER]

Inocybe scabella Kalchbr. [D:NEC]

Inocybe scabra (O.F. Müll.) Quél. [D:NEC]

Inocybe semilutescens Singer [D:NEC]

Inocybe senkawaensis Kobayasi [D:JPN]

Inocybe serotina Peck [D:FER]

Inocybe similis Bres. [D:FER]

Inocybe sindonia (Fr.) P. Karst. [D:NEC/FER]

Inocybe soliana Bandini, B. Oertel & U. Eberh. [D:NEC]

Inocybe soluta Velen. [D:NEC/FER]

Inocybe sphaerospora Kobayasi [D:KOR/JPN]

Inocybe splendens R. Heim [D:NEC/FER]

Inocybe squamosa Bres. [D:JPN]

Inocybe squamulosa Kobayasi [D:KOR/JPN]

Inocybe stellata E. Horak, Matheny & Desjardin [D:KOR]

Inocybe suaveolens D.E. Stuntz [D:NEC]

Inocybe subalbidodisca Stangl & J. Veselský [D:NEC]

Inocybe subcarpta Kühner & Boursier [D:NEC/FER]

Inocybe subdestricta Kauffman [D:NEC]

Inocybe subgeophylla Henn. [D:JPN]

Inocybe sublilacina Matheny & Voitk [D:NEC]

Inocybe subochracea (Peck) Peck [D:FER]

Inocybe subtilis Takah. Kobay. [D:JPN]

Inocybe subvatricosa Rick [D:JPN]

Inocybe subvolvata Hongo [D:NEC/JPN]

Inocybe tabacina Furrer-Ziogas [D:NEC]

Inocybe taxocystis (J. Favre & E. Horak) Senn-Irlet [D:FER]

Inocybe tenebrosa Quél. [D:NEC/FER]

Inocybe trechispora (Berk.) P. Karst. [D:NEC/FER/KOR]

Inocybe umbratica Quél. [D:NEC/FER/KOR/JPN]

Inocybe vaccina Kühner [D:NEC]

Inocybe ventricosa G.F. Atk. [D:FER]

Inocybe venustissima Bandini & B. Oertel [D:KOR]

Inocybe violacea Massee [D:JPN]

Inocybe whitei (Berk. & Broome) Sacc. [D:NEC/FER/JPN]

Inocybe whitei f. whitei (Berk. & Broome) Sacc. [D:NEC]

Inocybe xanthomelas Boursier & Kühner [D:NEC/FER]

Gen.391 *Inosperma* (Kühner) Matheny & Esteve-Rav.

Inosperma adaequatum (Britzelm.) Matheny & Esteve-Rav. [D:NEC/FER/JPN]

Inosperma aureostipes (Kobayasi) Matheny & Esteve-Rav. [D:NEC/JPN]

Inosperma bongardii (Weinm.) Matheny & Esteve-Rav. [D:NEC/FER]

Inosperma calamistratum (Fr.) Matheny & Esteve-Rav. [D:NEC/FER/KOR/JPN]

Inosperma cervicolor (Pers.) Matheny & Esteve-Rav. [D:NEC/FER/JPN]

Inosperma changbaiense (T. Bau & Y.G. Fan) Matheny & Esteve-Rav. [D:NEC]

Inosperma cookei (Bres.) Matheny & Esteve-Rav. [D:NEC/FER/KOR/JPN]

Inosperma dodonae Bandini & B. Oertel [D:NEC]

Inosperma fastigiellum (G.F. Atk.) Matheny & Esteve-Rav. [D:NEC/FER]

Inosperma hirsutum (Lasch) Matheny & Esteve-Rav. [D:FER]

Inosperma kuthanii (Stangl & J. Veselský) Matheny & Esteve-Rav. [D:FER]

Inosperma lanatodiscum (Kauffman) Matheny & Esteve-Rav. [D:NEC]

Inosperma maculatum (Boud.) Matheny & Esteve-Rav. [D:NEC/FER/MNG/KOR/JPN]

Inosperma quercinum (Hongo) Matheny & Esteve-Rav. [D:JPN]

Inosperma quietiodor (Bon) Matheny & Esteve-Rav. [D:NEC/FER]

Inosperma reisneri (Velen.) Matheny & Esteve-Rav. [D:FER/JPN]

Inosperma rimosoides (Peck) Matheny & Esteve-Rav. [D:FER]

Inosperma shawarense (Naseer & Khalid) Aïgnon & Naseer [D:KOR]

Gen.392 *Mallocybe* (Kuyper) Matheny, Vizzini & Esteve-Rav.

Mallocybe agardhii (N. Lund) Matheny & Esteve-Rav. [D:FER]

Mallocybe aurantiodisca Y.G. Fan, Y.P. Ge, J.H. Hu & W.J. Yu [D:KOR]

Mallocybe fuscomarginata (Kühner) Matheny & Esteve-Rav. [D:FER]

Mallocybe heimii (Bon) Matheny & Esteve-Rav. [D:NEC]

Mallocybe leucoloma (Kühner) Matheny & Esteve-Rav. [D:NEC]

Mallocybe malenconii (R. Heim) Matheny & Esteve-Rav. [D:FER/KOR/JPN]

Mallocybe peronata (J. Favre) Matheny & Esteve-Rav. [D:FER]

Mallocybe terrigena (Fr.) Matheny, Vizzini & Esteve-Rav. [D:NEC]

Gen.393 *Pseudosperma* Matheny & Esteve-Rav.

Pseudosperma avellaneum (Kobayasi) Matheny & Esteve-Rav. [D:NEC]

Pseudosperma bisporum (Hongo) Matheny & Esteve-Rav. [D:JPN]

Pseudosperma macrospermum (Hongo) Matheny & Esteve-Rav. [D:JPN]

Pseudosperma palaeotropicum (E. Turnbull & Watling) Matheny & Esteve-Rav. [D:JPN]

Pseudosperma perlatum (Cooke) Matheny & Esteve-Rav. [D:FER]

Pseudosperma pseudoumbrinellum (E. Ludw.) Matheny & Esteve-Rav. [D:NEC]

Pseudosperma rimosum (Bull.) Matheny & Esteve-Rav. [D:NEC/FER/MNG/KOR/JPN]

Pseudosperma sororium (Kauffman) Matheny & Esteve-Rav. [D:NEC/FER/KOR]

Pseudosperma transiens (Takah. Kobay.) Matheny & Esteve-Rav. [D:JPN]

Pseudosperma umbrinellum (Bres.) Matheny & Esteve-Rav. [D:NEC/FER/JPN]

Pseudosperma vinosistipitatum (Grund & D.E. Stuntz) Matheny & Esteve-Rav. [D:FER]

Pseudosperma xanthocephalum (P.D. Orton) Matheny & Esteve-Rav. [D:FER]

Fam. Lycoperdaceae Bercht. & J. Presl

Gen.394 *Apioperdon* (Kreisel & D. Krüger) Vizzini

Apioperdon pyriforme (Schaeff.) Vizzini [D:NEC/FER/MNG/KOR/JPN]

Gen.395 *Arachnion* Schwein.

Arachnion album Schwein. [D:JPN]

Gen.396 *Bovista* Pers.

Bovista aestivalis (Bonord.) Demoulin [D:NEC/FER/MNG/KOR/JPN]

Bovista dryina (Morgan) Demoulin [D:JPN]

Bovista fusca Lév. [D:MNG]

Bovista khorchinensis T. Bau & Qian R. Liu [D:NEC]

Bovista longispora Kreisel [D:NEC/FER/JPN]

Bovista lycoperdoides (Cooke) S. Ahmad [D:MNG]

Bovista nigrescens Pers. [D:MNG/KOR]

Bovista ochrotricha Kreisel [D:JPN]

Bovista paludosa Lév. [D:MNG]

Bovista plumbea Pers. [D:NEC/FER/MNG/KOR/JPN]

Bovista polymorpha Kreisel [D:NEC]

Bovista pusilla (Batsch) Pers. [D:NEC/FER/MNG/KOR]

Bovista sublaevispora V.L. Suárez & J.E. Wright [D:JPN]

Gen.397 *Bovistella* Morgan

Bovistella longipedicellata Teng [D:NEC]

Bovistella radicata Pat. [D:FER/KOR/JPN]

Bovistella sinensis Lloyd [D:NEC]

Bovistella utriformis (Bull.) Demoulin & Rebriev [D:NEC/FER/MNG/KOR/JPN]

Gen.398 *Bryoperdon* Vizzini

Bryoperdon acuminatum (Bosc) Vizzini [D:FER]

Gen.399 *Calbovista* Morse ex M.T. Seidl

Calbovista subsculpta Morse ex M.T. Seidl [D:NEC/MNG]

Gen.400 *Calvatia Fr.*

Calvatia boninensis S. Ito & S. Imai [D:NEC/JPN]

Calvatia candida (Rostk.) Hollós [D:NEC]

Calvatia craniiformis (Schwein.) Fr. ex De Toni [D:NEC/KOR/JPN]

Calvatia cyathiformis (Bosc) Morgan [D:NEC/KOR/JPN]

Calvatia gardneri (Berk.) Lloyd [D:KOR]

Calvatia gigantea (Batsch) Lloyd [D:NEC/FER/MNG/JPN]

Calvatia holothuroides Rebriev [D:KOR]

Calvatia lilacina (Mont. & Berk.) Henn. [D:NEC]

Calvatia nipponica Kawam. ex Kasuya & Katum. [D:KOR/JPN]

Calvatia pyriformis (Lév.) Kreisel [D:JPN]

Calvatia rugosa (Berk. & M.A. Curtis) D.A. Reid [D:JPN]

Calvatia tatrensis Hollós [D:NEC]

Gen.401 *Calvatiella* C.H. Chow

Calvatiella lioui C.H. Chow [D:FER]

Gen.402 *Disciseda* Czern.

Disciseda arida Velen. [D:MNG]

Disciseda bovista (Klotzsch) Henn. [D:MNG/JPN]

Disciseda candida (Schwein.) Lloyd [D:FER/MNG/JPN]

Disciseda cervina (Berk.) Hollós [D:NEC]

Disciseda hypogaea (Cooke & Massee) G. Cunn. [D:NEC]

Gen.403 *Fuscospina* R.L. Zhao & J.Xin Li

Fuscospina nigrescens (Pers.) R.L. Zhao & J.Xin Li [D:NEC/FER/MNG/KOR/JPN]

Gen.404 *Gastropila* Homrich & J.E. Wright

Gastropila fragilis (Lév.) Homrich & J.E. Wright [D:MNG]

Gen.405 *Globaria* Quél.

Globaria muscicola R.L. Zhao & J.Xin Li [D:NEC]

Gen.406 *Langermannia* Rostk.

Langermannia fenzlii (Reichardt) Kreisel [D:NEC]

Langermannia pachyderma (Peck) Kreisel [D:MNG]

Gen.407 *Leptocaulis* R.L. Zhao & J.Xin Li

Leptocaulis albiperidia (Chang S. Kim) R.L. Zhao & J.Xin Li [D:KOR]

Leptocaulis ericaeus (Bonord.) R.L. Zhao & J.Xin Li [D:FER/KOR/JPN]

Gen.408 *Lycoperdiscus* R.L. Zhao & J.Xin Li

Lycoperdiscus lividus (Pers.) R.L. Zhao & J.Xin Li [D:NEC/FER/MNG/JPN]

Gen.409 *Lycoperdon* Pers.

Lycoperdon asiaticum Kreisel [D:MNG]

Lycoperdon asperum (Lév.) Speg. [D:NEC/JPN]

Lycoperdon atropurpureum Vittad. [D:NEC/FER]

Lycoperdon bispinosum Yasuda [D:JPN]

Lycoperdon colossus Kawam. [D:KOR/JPN]

Lycoperdon compactum G. Cunn. [D:JPN]

Lycoperdon echinatum Pers. [D:MNG]

Lycoperdon echinulatum Berk. & Broome [D:FER]

Lycoperdon excipuliforme (Scop.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Lycoperdon flavotinctum Bowerman [D:FER]

Lycoperdon fuscum Huds. [D:NEC]

Lycoperdon glabrescens Berk. [D:NEC]

Lycoperdon henningsii Sacc. & P. Syd. [D:JPN]

Lycoperdon mammiforme Pers. [D:NEC/FER/KOR/JPN]

Lycoperdon marginatum Vittad. [D:NEC]

Lycoperdon miyabei (Lloyd) S. Ito [D:JPN]

Lycoperdon papillatum Schaeff. [D:NEC]

Lycoperdon penicillatum O.F. Müll. [D:NEC]

Lycoperdon perlatum Pers. [D:NEC/FER/MNG/KOR/JPN]

Lycoperdon plicatum Berk. & M.A. Curtis [D:JPN]

Lycoperdon polymorphum Scop. [D:NEC]

Lycoperdon pratense Pers. [D:NEC/FER/MNG/KOR/JPN]

Lycoperdon purpurascens Berk. & M.A. Curtis [D:JPN]

Lycoperdon radicatum Reichard [D:NEC/FER/JPN]

Lycoperdon shimousanum Kasuya & Katum. [D:JPN]

Lycoperdon sosinii (Rebriev & E.M. Bulakh) Baseia, B.D.B. Silva, Alfredo & M.P. Martín [D:NEC/FER]

Lycoperdon spadiceum Schaeff. [D:NEC/FER]

Lycoperdon subincarnatum Peck [D:JPN]

Lycoperdon subperlatum Chang S. Kim & S.K. Han [D:KOR]

Lycoperdon umbrinoides Dissing & M. Lange [D:JPN]

Lycoperdon wrightii Berk. & M.A. Curtis [D:NEC]

Lycoperdon yasudae (Lloyd) Kreisel [D:JPN]

Gen.410 *Sinoperdon* R.L. Zhao & J.Xin Li

Sinoperdon caudatum (J. Schröt.) R.L. Zhao & J.Xin Li [D:NEC/FER/KOR/JPN]

Gen.411 *Utraria* Quél.

Utraria decipiens (Durieu & Mont.) R.L. Zhao & J.Xin Li [D:FER]

Utraria lambinonii (Demoulin) R.L. Zhao & J.Xin Li [D:FER]

Utraria mollis (Pers.) R.L. Zhao & J.Xin Li [D:NEC/FER/MNG/JPN]

Utraria nivea (Kreisel) R.L. Zhao & J.Xin Li [D:NEC]

Utraria rimulata (Peck) R.L. Zhao & J.Xin Li [D:JPN]

Utraria turneri (Ellis & Everh.) R.L. Zhao & J.Xin Li [D:FER/MNG]

Utraria umbrina (Pers.) R.L. Zhao & J.Xin Li [D:NEC/FER/MNG/KOR/JPN]

Fam. Lyophyllaceae Jülich

Gen.412 *Asterophora* Ditmar

Asterophora lycoperdoides (Bull.) Ditmar [D:NEC/FER/KOR/JPN]

Asterophora parasitica (Bull.) Singer [D:FER/KOR/JPN]

Gen.413 *Atractosporocybe* P. Alvarado, G. Moreno & Vizzini

Atractosporocybe inornata (Sowerby) P. Alvarado, G. Moreno & Vizzini [D:NEC/FER/JPN]

Gen.414 *Calocybe* Kühner ex Donk

Calocybe albella (Fr.) Bon [D:NEC]

Calocybe aurantiaca X.D. Yu & Jia J. Li [D:NEC]

Calocybe badiofloccosa J.Z. Xu & Yu Li [D:NEC]

Calocybe betulicola J.J. Hu, A. Ma, B. Zhang, & Y. Li, [D:NEC]

Calocybe chrysenteron (Bull.) Singer [D:FER/JPN]

Calocybe coacta J.Z. Xu & Yu Li [D:NEC]

Calocybe convexa X.D. Yu & Jia J. Li [D:NEC/KOR]

Calocybe cystidiosa A. Ma, J.J. Hu, B. Zhang, & Y. Li [D:NEC]

Calocybe decolorata X.D. Yu & Jia J. Li [D:NEC/KOR]

Calocybe decurrens J.Z. Xu & Yu Li [D:NEC]

Calocybe erminea J.Z. Xu & Yu Li [D:NEC]

Calocybe fulvipes J.Z. Xu & Yu Li [D:NEC]

Calocybe gambosa (Fr.) Donk [D:NEC/FER/MNG/KOR/JPN]

Calocybe gangraenosa (Fr.) V. Hofst., Moncalvo, Redhead & Vilgalys [D:NEC/FER]

Calocybe hebelomoides (Ew. Gerhardt) Læssøe & J.H. Petersen [D:NEC]

Calocybe ionides (Bull.) Donk [D:NEC/FER/KOR/JPN]

Calocybe longisterigma X.D. Yu, Ye Zhou & H.B. Guo [D:NEC]

Calocybe musashiensis (Hongo) Hongo [D:JPN]

Calocybe naucoria (Murrill) Singer [D:NEC/FER/MNG/KOR]

Calocybe obscurissima (A. Pearson) M.M. Moser [D:NEC/KOR]

Calocybe onychina (Fr.) Donk [D:FER]

Calocybe subochracea X.D. Yu, Ye Zhou & H.B. Guo [D:NEC]

Calocybe vinacea J.Z. Xu & Yu Li [D:NEC]

Gen.415 *Clitolyophyllum* Seslı, Vizzini & Contu

Clitolyophyllum umbilicatum J.Z. Xu & Yu Li [D:NEC]

Gen.416 *Gerhardtia* Bon

Gerhardtia foliicola (Har. Takah.) N. Endo, S. Ushijima, Nagas., Sotome, Nakagiri & N. Maek. [D:NEC/JPN]

Gerhardtia tomentosa X.D. Yu & H.B. Guo [D:NEC]

Gerhardtia venosolamellata N. Endo, Moe Takah., Nagamune, K. Oguchi, R. Sugaw., Sotome, Nakagiri & N. Maek. [D:JPN]

Gen.417 *Hypsizygus* Singer

Hypsizygus marmoreus (Peck) H.E. Bigelow [D:NEC/FER/KOR/JPN]

Hypsizygus tessulatus (Bull.) Singer [D:NEC/FER]

Hypsizygus ulmarius (Bull.) Redhead [D:NEC/FER/JPN]

Gen.418 *Leucocybe* Vizzini, P. Alvarado, G. Moreno & Consiglio

Leucocybe candicans (Pers.) Vizzini, P. Alvarado, G. Moreno & Consiglio [D:NEC/FER/MNG/KOR/JPN]

Leucocybe connata (Schumach.) Vizzini, P. Alvarado, G. Moreno & Consiglio [D:NEC/FER/KOR/JPN]

Leucocybe houghtonii (W. Phillips) Halama & Pencakowski [D:NEC/KOR]

Gen.419 *Lyophyllum* P. Karst.

Lyophyllum admissum (Britzelm.) Consiglio & Contu [D:FER]

Lyophyllum amygdalosporum Kalamees [D:FER]

Lyophyllum decastes (Fr.) Singer [D:NEC/FER/MNG/KOR/JPN]

Lyophyllum eustygium (Cooke) Clémençon [D:FER]

Lyophyllum infumatum (Bres.) Kühner [D:FER]

Lyophyllum konradianum (Maire) Kühner & Romagn. [D:FER]

Lyophyllum loricatum (Fr.) Kühner [D:JPN]

Lyophyllum macrosporum Singer [D:FER]

Lyophyllum pallidum Clémençon & A.H. Sm. [D:FER]

Lyophyllum semitale (Fr.) Kühner [D:NEC/FER/KOR/JPN]

Lyophyllum shimeji (Kawam.) Hongo [D:NEC/KOR/JPN]

Lyophyllum sykosporum Hongo & Clémençon [D:FER/KOR/JPN]

Lyophyllum transforme (Lapl.) Singer [D:NEC]

Lyophyllum trigonosporum (Bres.) Kühner [D:NEC]

Gen.420 *Ossicaulis* Redhead & Ginns

Ossicaulis borealis X.D. Yu & H.B. Guo [D:NEC]

Ossicaulis lachnopus (Fr.) Contu [D:NEC]

Ossicaulis lignatilis (Pers.) Redhead & Ginns [D:NEC/FER/MNG/JPN]

Gen.421 *Rhizocybe* Vizzini, G. Moreno, P. Alvarado & Consiglio

Rhizocybe alba Y.X. Ding & E.J. Tian [D:NEC]

Rhizocybe vermicularis (Fr.) Vizzini, P. Alvarado, G. Moreno & Consiglio [D:NEC/FER]

Gen.422 *Rugosomyces* Raithelh.

Rugosomyces carneus (Bull.) Bon [D:FER/MNG/KOR]

Rugosomyces obscuratus (P. Karst.) Kalamees [D:FER]

Rugosomyces persicolor (Fr.) Bon [D:NEC/FER]

Gen.423 *Sagaranella* V. Hofst., Clémençon, Moncalvo & Redhead

Sagaranella gibberosa (Jul. Schäff.) V. Hofst., Clémençon, Moncalvo & Redhead [D:JPN]

Sagaranella tylicolor (Fr.) V. Hofst., Clémençon, Moncalvo & Redhead [D:NEC/FER/KOR/JPN]

Gen.424 *Sphagnurus* Redhead & V. Hofst.

Sphagnurus paluster (Peck) Redhead & V. Hofst. [D:FER/JPN]

Gen.425 *Tephrocybe* Donk

Tephrocybe ambusta (Fr.) Donk [D:KOR]

Tephrocybe anthracophila (Lasch) P.D. Orton [D:NEC/FER/KOR/JPN]

Tephrocybe atrata (Fr.) Donk [D:FER]

Tephrocybe mephitica (Fr.) M.M. Moser [D:FER]

Tephrocybe putida (P. Karst.) M.M. Moser [D:FER]

Tephrocybe rancida (Fr.) Donk [D:NEC/FER]

Tephrocybe striipilea (Fr.) Donk [D:FER]

Gen.426 *Tephrocybella* Picillo, Vizzini & Contu

Tephrocybella calocyboides X.D. Yu & J.X. Hou [D:NEC]

Gen.427 *Termitomyces* R. Heim

Termitomyces aurantiacus (R. Heim) R. Heim [D:NEC]

Termitomyces clypeatus R. Heim [D:JPN]

Termitomyces eurrhizus (Berk.) R. Heim [D:JPN]

Gen.428 *Tricholomella* Zerova ex Kalamees

Tricholomella constricta (Fr.) Zerova ex Kalamees [D:NEC/FER/JPN]

Fam. Macrocystidiaceae Kühner

Gen.429 *Macrocystidia* Joss.

Macrocystidia cucumis (Pers.) Joss. [D:NEC/FER/KOR/JPN]

Fam. Marasmiaceae Roze ex Kühner

Gen.430 *Campanella* Henn.

Campanella boninensis (S. Ito & S. Imai) Parmasto [D:FER/KOR/JPN]

Campanella junghuhnii (Mont.) Singer [D:NEC/KOR/JPN]

Campanella tristis (G. Stev.) Segedin [D:NEC/FER]

Gen.431 *Cellypha* Donk

Cellypha goldbachii (Weinm.) Donk [D:FER]

Gen.432 *Chaetocalathus* Singer

Chaetocalathus ehretiae Neda [D:JPN]

Chaetocalathus fragilis (Pat.) Singer [D:JPN]

Gen.433 *Crinipellis* Pat.

Crinipellis birhizomorpha Antonín, Ryoo & Ka [D:KOR]

Crinipellis corvina Har. Takah. [D:JPN]

Crinipellis excentrica (Pat. & Gaillard) Pat. ex Singer [D:FER]

Crinipellis nigricaulis Har. Takah. [D:KOR/JPN]

Crinipellis pallidipila Antonín, Ryoo & Ka [D:KOR]

Crinipellis patouillardii Singer [D:JPN]

Crinipellis piceae Singer [D:FER]

Crinipellis rhizomaticola Antonín, Ryoo & H.D. Shin [D:KOR]

Crinipellis rhizomorphica Har. Takah. [D:JPN]

Crinipellis scabella (Alb. & Schwein.) Murrill [D:NEC/FER/KOR/JPN]

Crinipellis setipes (Peck) Singer [D:FER]

Crinipellis subtomentosa (Peck) Singer [D:NEC]

Crinipellis wandoensis Antonín, Ryoo & Ka [D:FER]

Crinipellis zonata [D:KOR]

Gen.434 *Marasmius* Fr.

Marasmius albopurpureus T.H. Li & C.Q. Wang [D:NEC]

Marasmius aurantiacus I. Hino [D:NEC/JPN]

Marasmius aurantioferrugineus Hongo [D:NEC/FER/KOR/JPN]

Marasmius bekolacongoli Beeli [D:NEC]

Marasmius beniensis Singer [D:NEC]

Marasmius berteroi (Lév.) Murrill [D:FER]

Marasmius brunneoaurantiacus Antonín & Buyck [D:KOR]

Marasmius brunneospermus Har. Takah. [D:KOR/JPN]

Marasmius bulliardii Quél. [D:NEC/FER]

Marasmius buxi Fr. [D:KOR]

Marasmius calhouniae Singer [D:NEC]

Marasmius calopus (Pers.) Fr. [D:KOR]

Marasmius capitatus Har. Takah. [D:JPN]

Marasmius centrocinnamomeus J.S. Kim & Y.W. Lim [D:KOR]

Marasmius chordalis Fr. [D:NEC/FER]

Marasmius coarctatus Wannathes, Desjardin & Lumyong [D:NEC]

Marasmius cohaerens (Pers.) Cooke & Quél. [D:NEC/FER/KOR/JPN]

Marasmius collinus (Scop.) Singer [D:FER]

Marasmius confertus Berk. & Broome [D:NEC/KOR]

Marasmius cremoriceps Berk. & M.A. Curtis [D:FER]

Marasmius crinipes Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmius crinis-equi F. Muell. ex Kalchbr. [D:NEC/KOR/JPN]

Marasmius cryptomeriae S. Imai [D:JPN]

Marasmius curreyi Berk. & Broome [D:NEC/FER]

Marasmius cystidiosus (A.H. Sm. & Hesler) Gilliam [D:NEC]

Marasmius delectans Morgan [D:KOR]

Marasmius echinatulus Singer [D:JPN]

Marasmius epiphylloides (Rea) Sacc. & Trotter [D:KOR]

Marasmius epiphyllus (Pers.) Fr. [D:NEC/FER]

Marasmius epodius Bres. [D:FER]

Marasmius excentripes S. Ito & S. Imai [D:JPN]

Marasmius ferrugineodiscus J.S. Kim & Y.W. Lim [D:KOR]

Marasmius ferrugineus Berk. & Broome [D:KOR]

Marasmius floriceps Berk. & M.A. Curtis [D:NEC]

Marasmius fusicystidiosus Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmius glabellus Peck [D:JPN]

Marasmius graminicola Speg. [D:KOR]

Marasmius graminum (Lib.) Berk. [D:NEC/FER/KOR/JPN]

Marasmius haematocephalus (Mont.) Fr. [D:NEC]

Marasmius hudsonii (Pers.) Fr. [D:KOR]

Marasmius insignis I. Hino [D:JPN]

Marasmius insolitus Kiyashko & E.F. Malysheva [D:FER/KOR]

Marasmius koreanus Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmius lateritiosulcatus S. Ito & S. Imai [D:JPN]

Marasmius leucorotalis Singer [D:NEC]

Marasmius leveilleanus (Berk.) Pat. [D:KOR/JPN]

Marasmius limosus Quél. [D:FER/KOR]

Marasmius livistonae I. Hino [D:JPN]

Marasmius longisetosus J.S. Oliveira & Capelari [D:JPN]

Marasmius macrocystidiosus Kiyashko & E.F. Malysheva [D:NEC/FER/KOR/JPN]

Marasmius maculosus Har. Takah. [D:JPN]

Marasmius maximus Hongo. [D:NEC/KOR/JPN]

Marasmius nivicola Har. Takah. [D:KOR/JPN]

Marasmius nocturnus Har. Takah. [D:JPN]

Marasmius occultatiformis Antonín, Ryoo & H.D. Shin [D:FER/KOR]

Marasmius occultatus Har. Takah. [D:KOR/JPN]

Marasmius ochraceus Berk. & Broome [D:NEC]

Marasmius ochroleucus Desjardin & E. Horak [D:NEC/FER]

Marasmius opulentus Har. Takah. [D:JPN]

Marasmius oreades (Bolton) Fr. [D:NEC/FER/MNG/KOR/JPN]

Marasmius orientalis Antonín, Ryoo & H.D. Shin [D:NEC/KOR]

Marasmius personatus Berk. & M.A. Curtis [D:NEC/FER]

Marasmius plicatulus Peck [D:NEC/FER]

Marasmius polylepidis Dennis [D:NEC]

Marasmius pseudoniveus Singer [D:NEC]

Marasmius pulcherripes Peck [D:NEC/KOR/JPN]

Marasmius purpureostriatus Hongo [D:NEC/KOR/JPN]

Marasmius rhodopurpureus Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmius riparius Singer [D:NEC]

Marasmius rotalis Berk. & Broome [D:KOR]

Marasmius rotula (Scop.) Fr. [D:NEC/KOR/JPN]

Marasmius ruforotula Singer [D:KOR]

Marasmius sacchari Wakker [D:JPN]

Marasmius saccharinus (Batsch) Fr. [D:FER]

Marasmius sarmentosus Berk. [D:JPN]

Marasmius sasicola Har. Takah. [D:JPN]

Marasmius shideiae Singer [D:JPN]

Marasmius siccus (Schwein.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Marasmius spaniophyllus (Berk.) Sacc. [D:NEC]

Marasmius splachnoides (Hornem.) Fr. [D:FER]

Marasmius strobiluriformis Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmius stylobates Berk. & M.A. Curtis [D:NEC]

Marasmius subtangerinus Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmius torquescens Quél. [D:NEC/KOR]

Marasmius tremulae Velen. [D:FER]

Marasmius trinitatis Dennis [D:NEC]

Marasmius tropicaerotula S. Ito & S. Imai [D:JPN]

Marasmius tubulatus Petch [D:KOR]

Marasmius udoensis I. Hino [D:JPN]

Marasmius umbonifer Berk. & M.A. Curtis [D:JPN]

Marasmius venustus I. Hino [D:JPN]

Marasmius wettsteinii Sacc. & P. Syd. [D:KOR/JPN]

Marasmius wisteriae Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmius witteanus Singer [D:NEC]

Marasmius wynneae Berk. & Broome [D:NEC/FER/MNG/KOR]

Gen.435 *Metacampanella* R.H. Petersen

Metacampanella coprophila G. Burenbaatar & T. Bau [D:NEC/MNG]

Metacampanella subdendrophora (Redhead) R.H. Petersen [D:FER]

Metacampanella subtricolor T. Bau & W.N. Hou [D:NEC]

Metacampanella tricolor (Alb. & Schwein.) T. Bau & W.N. Hou [D:NEC/FER/MNG]

Gen.436 *Moniliophthora* H.C. Evans, Stalpers, Samson & Benny

Moniliophthora canescens (Har. Takah.) Kerekes & Desjardin [D:JPN]

Moniliophthora conchata (Har. Takah.) Antonín, Ryoo & Ka [D:KOR/JPN]

Moniliophthora perniciosa (Stahel) Aime & Phillips-Mora [D:NEC]

Gen.437 *Paramarasmius* Antonín & Kolařík

Paramarasmius mesosporus (Singer) Antonín, K. Hosaka & Kolařík [D:JPN]

Gen.438 *Tetrapyrgos* E. Horak

Tetrapyrgos nigripes (Fr.) E. Horak [D:NEC/FER/KOR/JPN]

Fam. Mycenaceae Overeem

Gen.439 *Atheniella* Redhead, Moncalvo, Vilgalys, Desjardin & B.A. Perry

Atheniella adonis (Bull.) Redhead, Moncalvo, Vilgalys, Desjardin & B.A. Perry [D:NEC/FER/JPN]

Atheniella aurantiidisca (Murrill) Redhead, Moncalvo, Vilgalys, Desjardin & B.A. Perry

[D:KOR/JPN]

Atheniella delectabilis (Peck) Lüderitz & H. Lehmann [D:NEC/FER]

Atheniella leptophylla (Peck) Gminder & Böhning [D:FER]

Gen.440 *Basidopus* Earle

Basidopus amictus (Fr.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC/FER/JPN]

Basidopus caeruleogriseus (Q. Na, Y.P. Ge & H. Zeng) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Basidopus caeruleomarginatus (Q. Na & Y.P. Ge) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Basidopus chlorophos (Berk. & M.A. Curtis) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:KOR/JPN]

Basidopus tenerrimus (Berk.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC/KOR]

Gen.441 *Cruentomycena* R.H. Petersen, Kovalenko & O.V. Morozova, Mycotaxon

Cruentomycena kedrovayae R.H. Petersen, Kovalenko & O.V. Morozova [D:FER/KOR]

Gen.442 *Decapitatus* Redhead & Seifert

Decapitatus citricolor (Berk. & M.A. Curtis) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Gen.443 *Dictyopanus* Pat.

Dictyopanus foliicola Kobayasi [D:JPN]

Gen.444 *Favolaschia* (Pat.) Pat.

Favolaschia fujisanensis Kobayasi [D:KOR/JPN]

Favolaschia gelatina Har. Takah. & Degawa [D:NEC/JPN]

Favolaschia nipponica Kobayasi [D:NEC/JPN]

Favolaschia pegleri Parmasto [D:FER]

Favolaschia peziziformis (Berk. & M.A. Curtis) Kuntze [D:JPN]

Favolaschia phyllostachydis Imazeki & Kobayasi [D:JPN]

Favolaschia sachalinensis Parmasto ex Singer [D:FER]

Gen.445 *Filoboletus* Henn.

Filoboletus manipularis (Berk.) Singer [D:JPN]

Gen.446 *Hemimycena* Singer

Hemimycena candida (Bres.) Singer [D:NEC]

Hemimycena cucullata (Pers.) Singer [D:NEC/FER]

Hemimycena gracilis (Quél.) Singer [D:NEC/FER]

Hemimycena hirsuta (Tode) Singer [D:NEC/FER]

Hemimycena ignobilis Joss. ex Bon [D:FER]

Hemimycena lactea (Pers.) Singer [D:NEC/FER/KOR/JPN]

Hemimycena mauretanica (Maire) Singer [D:NEC]

Hemimycena nivea (Quél.) Singer [D:FER]

Hemimycena oregonensis (A.H. Sm.) Singer [D:FER/JPN]

Hemimycena pseudocrispula (Kühner) Singer [D:NEC]

Hemimycena pseudolactea (Kühner) Singer [D:NEC/FER]

Hemimycena pulchra H. Lehmann [D:NEC]

Hemimycena rickenii (A.H. Sm.) Singer [D:NEC/FER]

Gen.447 *Linopodium* Earle

Linopodium filopes (Bull.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Gen.448 *Mycena* (Pers.) Roussel

Mycena abramsii (Murrill) Murrill. [D:NEC/FER]

Mycena aciculata (A.H. Sm.) Desjardin & E. Horak [D:FER]

Mycena aetites (Fr.) Quél. [D:NEC/FER]

Mycena algeriensis Maire [D:NEC/FER/JPN]

Mycena alphitophora (Berk.) Sacc. [D:NEC/FER/KOR/JPN]

Mycena arcangeliana Bres. [D:NEC/KOR]

Mycena arundinarialis Pegler [D:JPN]

Mycena atrocyanea (Batsch) Gillet [D:FER]

Mycena aurantiomarginata (Fr.) Quél. [D:KOR/JPN]

Mycena avenacea (Fr.) Quél. [D:FER]

Mycena borealis A.L. Sm. [D:JPN]

Mycena brevicapillata Har. Takah. [D:JPN]

Mycena brevispina X. He & X.D. Fang [D:NEC]

Mycena brunneocystidiata Jing W. Guo, Ze W. Liu, Y.P. Ge & Q. Na [D:NEC]

Mycena californiensis (Berk. & M.A. Curtis) Sacc. [D:NEC/FER]

Mycena capillaripes Peck [D:NEC/FER/KOR]

Mycena carolinensis A.H. Sm. & Hesler [D:FER/KOR]

Mycena chrysanthemiformis Har. Takah. [D:JPN]

Mycena cinerella (P. Karst.) P. Karst. [D:FER]

Mycena citrinomarginata Gillet [D:NEC/FER]

Mycena clariviolacea Har. Takah. [D:JPN]

Mycena clavicularis (Fr.) Gillet [D:NEC/FER/JPN]

Mycena coracina Maas Geest. [D:NEC/FER]

Mycena corynephora Maas Geest. [D:NEC/FER/KOR]

Mycena crocata (Schrad.) P. Kumm. [D:NEC/KOR/JPN]

Mycena crocea Maas Geest. [D:JPN]

Mycena cryptomeriicola Imazeki & Toki [D:JPN]

Mycena daisyogunensis Kobayasi [D:JPN]

Mycena detrusa Maas Geest. & E. Horak [D:FER]

Mycena dryopteriphila Lj.N. Vassiljeva & M.M. Nazarova [D:NEC/FER]

Mycena eburnea Maas Geest. [D:NEC/FER/KOR]

Mycena echinipes (Lasch) Quél. [D:FER]

Mycena egregia Maas Geest. [D:NEC/FER]

Mycena elegantula Peck [D:FER]

Mycena entolomoides T. Bau [D:NEC]

Mycena epipterygia (Scop.) Gray. [D:NEC/FER/KOR/JPN]

Mycena epipterygia var. *epipterygia* (Scop.) Gray [D:JPN]

Mycena epipterygioides A. Pearson [D:FER/MNG]

Mycena erubescens Höhn. [D:NEC/FER/KOR]

Mycena flos-nivium Kühner [D:NEC/KOR]

Mycena fonticola Har. Takah. [D:JPN]

Mycena fragillima A.H. Sm. [D:KOR]

Mycena fuliginella A.H. Sm. [D:NEC]

Mycena fuscoaurantiaca Har. Takah. [D:JPN]

Mycena fuyoensis S. Imai [D:JPN]

Mycena galericulata (Scop.) Gray. [D:NEC/FER/MNG/KOR/JPN]

Mycena galopus (Pers.) P. Kumm. [D:NEC/FER/JPN]

Mycena haematopus (Pers.) P. Kumm. [D:NEC/FER/KOR/JPN]

Mycena hepatica M. Villarreal, Heykoop & Maas Geest. [D:NEC]

Mycena holoporphyra (Berk. & M.A. Curtis) Singer [D:NEC]

Mycena hondurensis A.H. Sm. [D:NEC]

Mycena inclinata (Fr.) Quél. [D:NEC/FER/KOR/JPN]

Mycena intersecta Har. Takah. [D:JPN]

Mycena laevigata Gillet. [D:NEC/FER/MNG/JPN]

Mycena lammiensis Harmaja [D:NEC/FER]

Mycena lanuginosa Har. Takah. [D:JPN]

Mycena latifolia (Peck) A.H. Sm. [D:KOR]

Mycena leana (Berk.) Sacc. [D:NEC/FER/JPN]

Mycena leptocephala (Pers.) Gillet. [D:NEC/FER/KOR]

Mycena limitis R.X. Wei, L. Zou, Y.P. Ge & Q. Na [D:NEC]

Mycena lohwagii Singer [D:NEC/FER]

Mycena longiseta Höhn. [D:FER]

Mycena luteoalcalina Singer [D:FER]

Mycena luteopallens (Peck) Peck [D:NEC/KOR]

Mycena lux-coeli Corner [D:JPN]

Mycena macrocystidiata Singer [D:KOR]

Mycena maculata P. Karst. [D:NEC/FER/MNG]

Mycena megaspora Kauffman [D:FER]

Mycena meliigena (Berk. & Cooke) Sacc. [D:NEC/FER/KOR]

Mycena mellea Lj.N. Vassiljeva [D:NEC/FER]

Mycena metata (Fr.) P. Kumm. [D:NEC/FER]

Mycena mirata (Peck) Sacc. [D:NEC]

Mycena monticola A.H. Sm. [D:FER]

Mycena multiplicata Har. Takah. [D:JPN]

Mycena mustea Har. Takah. [D:JPN]

Mycena neoavenacea Hongo [D:KOR/JPN]

Mycena nidificata Har. Takah. [D:JPN]

Mycena niveipes (Murrill) Murrill [D:NEC/FER/JPN]

Mycena nucleata X. He & X.D. Fang [D:NEC]

Mycena olivaceoalcalina Singer [D:FER]

Mycena olivaceomarginata (Massee) Massee [D:FER]

Mycena pearsoniana Dennis ex Singer. [D:NEC/KOR]

Mycena pelianthina (Fr.) Quél. [D:NEC/FER/KOR/JPN]

Mycena picta (Fr.) Harmaja [D:NEC/FER/KOR/JPN]

Mycena plumbea P. Karst. [D:MNG]

Mycena polyadelpha (Lasch) Kühner [D:KOR]

Mycena polygramma (Bull.) Gray [D:NEC/FER/KOR/JPN]

Mycena pseudoglutinosa Z.S. Bi [D:NEC]

Mycena pseudostylobates Kobayasi [D:JPN]

Mycena pterigena (Fr.) P. Kumm. [D:NEC/FER/KOR]

Mycena pura (Pers.) P. Kumm. [D:NEC/FER/KOR/JPN]

Mycena purpureofusca (Peck) Sacc. [D:NEC/FER]

Mycena renati Quél. [D:NEC/FER]

Mycena robusta (A.H. Sm.) Maas Geest. [D:FER]

Mycena rosea Gramberg [D:NEC/FER]

Mycena rosella (Fr.) P. Kumm. [D:FER]

Mycena roseocandida (Peck) Sacc. [D:NEC/JPN]

Mycena roseomarginata Hongo [D:KOR/JPN]

Mycena rubrofusca Jing W. Guo, Ze W. Liu, Y.P. Ge & Q. Na [D:NEC]

Mycena rubromarginata (Fr.) P. Kumm. [D:NEC/FER]

Mycena sanguinolenta (Alb. & Schwein.) P. Kumm. [D:NEC/FER/KOR/JPN]

Mycena septentrionalis Maas Geest. [D:NEC/FER]

Mycena silvae-nigrae Maas Geest. & Schwöbel [D:FER/KOR]

Mycena spinosissima (Singer) Desjardin [D:JPN]

Mycena stipata Maas Geest. & Schwöbel [D:FER/JPN]

Mycena strobilicola J. Favre & Kühner [D:NEC/FER]

Mycena strobilinoidea Peck [D:NEC/FER]

Mycena stylobates (Pers.) P. Kumm. [D:NEC/FER/KOR/JPN]

Mycena subaquosa A.H. Sm. [D:NEC/JPN]

Mycena subcana A.H. Sm. [D:FER]

Mycena subcucullata A.H. Sm. [D:FER]

Mycena supina (Fr.) P. Kumm. [D:FER]

Mycena tenax A.H. Sm. [D:FER]

Mycena tintinnabulum (Paulet) Quél. [D:NEC/FER/KOR]

Mycena ulmicola A.H. Sm. [D:NEC/FER]

Mycena umeae S. Imai [D:JPN]

Mycena vexans Sacc. [D:NEC/FER]

Mycena violaceomarginata (Mont.) Sacc. [D:FER]

Mycena viridimarginata P. Karst. [D:NEC/FER/JPN]

Mycena viscalba S. Ito & S. Imai [D:JPN]

Mycena vitilis (Fr.) Quél. [D:NEC/FER]

Mycena vitrea (Fr.) Quél. [D:FER]

Mycena vulgaris (Pers.) P. Kumm. [D:NEC/FER/JPN]

Mycena wrightii S. Ito & S. Imai [D:JPN]

Mycena xanthocystidium X. He & X.D. Fang [D:NEC]

Mycena xantholeuca Kühner [D:NEC]

Mycena yangsupensiae S.J. Seok [D:KOR]

Mycena zephirus (Fr.) P. Kumm. [D:NEC/KOR]

Gen.449 *Panellus* P. Karst.

Panellus mitis (Pers.) Singer [D:NEC/FER/KOR]

Panellus orientalis (Kobayasi) Corner [D:JPN]

Panellus pusillus (Pers. ex Lév.) Burds. & O.K. Mill. [D:FER/JPN]

Panellus ringens (Fr.) Romagn. [D:NEC/FER/KOR/JPN]

Panellus rupicola (Massee) Singer [D:NEC/FER]

Panellus stipticus (Bull.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Panellus violaceofulvus (Batsch) Singer [D:FER/KOR]

Gen.450 *Prunulus* Gray

Prunulus densilamellatus (Nagamune, S. Kigawa & N. Endo) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:JPN]

Prunulus diosmus (Krieglst. & Schwöbel) C. Hahn [D:NEC]

Prunulus polycystidiatus (Z.W. Liu, Y.P. Ge, L. Zou & Q. Na) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Prunulus roseopurpureus (Jing W. Guo, Ze W. Liu, Y.P. Ge & Q. Na) Kun L. Yang & Jia Y. Lin [D:NEC]

Prunulus rufobrunneus (Z.W. Liu, Y.P. Ge & Q. Na) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Prunulus shengshanensis (Z.W. Liu, Y.P. Ge & Q. Na) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Prunulus subulatus (Z.W. Liu, Y.P. Ge & Q. Na) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC/JPN]

Gen.451 *Resinomycena* Redhead & Singer

Resinomycena japonica Redhead & Nagas. [D:FER/JPN]

Resinomycena rhododendri (Peck) Redhead & Singer [D:KOR]

Gen.452 *Roridomyces* Rexer

Roridomyces lamprosporus (Corner) Rexer [D:FER]

Roridomyces roridus (Fr.) Rexer [D:NEC/FER/KOR/JPN]

Gen.453 *Tectella* Earle

Tectella patellaris (Fr.) Murrill [D:NEC/FER/KOR/JPN]

Tectella phellodendri Singer [D:FER]

Fam. Mythicomycetaceae Vizzini, Consiglio & M. Marchetti

Gen.454 *Mythicomyces* Redhead & A.H. Sm.

Mythicomyces corneipes (Fr.) Redhead & A.H. Sm. [D:NEC]

Fam. Nidulariaceae Dumort.

Gen.455 *Crucibulum* Tul. & C. Tul.

Crucibulum crucibuliforme (Scop.) V.S. White [D:KOR]

Crucibulum laeve (Huds.) Kambly [D:NEC/MNG/JPN]

Gen.456 *Cyathus* Haller

Cyathus africanus H.J. Brodie [D:NEC]

Cyathus badius Kobayasi [D:JPN]

Cyathus boninensis S. Ito & S. Imai [D:JPN]

Cyathus colensoi Berk. [D:NEC]

Cyathus crassimurus H.J. Brodie [D:NEC]

Cyathus hirtulus B. Liu & Y.M. Li [D:NEC]

Cyathus olla (Batsch) Pers. [D:NEC/JPN]

Cyathus pallidus Berk. & M.A. Curtis [D:NEC/JPN]

Cyathus poeppigii Tul. & C. Tul. [D:JPN]

Cyathus sinensis Imazeki [D:JPN]

Cyathus stercoreus (Schwein.) De Toni [D:NEC/FER/KOR/JPN]

Cyathus striatus Willd. [D:NEC/FER/KOR/JPN]

Gen.457 *Nidula* V.S. White

Nidula candida (Peck) V.S. White [D:JPN]

Nidula niveotomentosa (Henn.) Lloyd [D:NEC/KOR/JPN]

Gen.458 *Nidularia* Fr.

Nidularia deformis (Willd.) Fr. [D:NEC/FER/KOR]

Nidularia farcta (Roth) Fr. [D:NEC/JPN]

Nidularia pulvinata (Schwein.) Fr. [D:JPN]

Fam. Omphalinaceae Vizzini, Consiglio & M. Marchetti

Gen.459 *Infundibulicybe* Harmaja

Infundibulicybe alkaliviolascens (Bellù) Bellù [D:NEC]

Infundibulicybe bispora Z.M. He & Zhu L. Yang [D:NEC]

Infundibulicybe costata (Kühner & Romagn.) Harmaja [D:NEC]

Infundibulicybe geotropa (Bull.) Harmaja [D:NEC/FER/MNG/KOR/JPN]

Infundibulicybe gibba (Pers.) Harmaja [D:NEC/FER/MNG/KOR/JPN]

Infundibulicybe lateritia (J. Favre) Vizzini & Contu [D:KOR]

Infundibulicybe squamulosa (Pers.) Harmaja [D:NEC/FER]

Infundibulicybe trachyspora J.Z. Xu, J.C. Qin & Yu Li [D:NEC]

Gen.460 *Omphalina* Quél.

Omphalina gracillima (Weinm.) Quél. [D:NEC]

Omphalina lilaceorosea Svrček & Kubička [D:NEC]

Omphalina mutila (Fr.) P.D. Orton [D:FER]

Omphalina pyxidata (Bull.) Quél. [D:NEC/FER]

Omphalina retosta (Fr.) P.D. Orton [D:FER]

Omphalina rivulicola (J. Favre) Lamoure [D:NEC]

Omphalina setipes (Fr.) Raithelh. [D:FER]

Omphalina stellata (Fr.) Quél. [D:FER]

Omphalina subpallida (Singer) Raithelh. [D:NEC]

Fam. Omphalotaceae Bresinsky

Gen.461 *Anthracophyllum* Ces.

Anthracophyllum nigritum (Lév.) Kalchbr. [D:KOR/JPN]

Gen.462 *Collybiopsis* (J. Schröt.) Earle

Collybiopsis albicantipes J.S. Kim & Y.W. Lim [D:KOR]

Collybiopsis albida M. Cho & J.J. Kim [D:KOR]

Collybiopsis biformis (Peck) R.H. Petersen [D:NEC/KOR/JPN]

Collybiopsis boreoorientalis (Kiyashko) Bartrop & Haelew. [D:FER]

Collybiopsis clavicystidiata J.S. Kim & Y.W. Lim [D:KOR]

Collybiopsis confluens (Pers.) R.H. Petersen [D:NEC/FER/KOR/JPN]

Collybiopsis dichroa (Berk. & M.A. Curtis) R.H. Petersen [D:NEC/KOR]

Collybiopsis fulva J.S. Kim & Y.W. Lim [D:KOR]

Collybiopsis juniperina (Murrill) R.H. Petersen [D:KOR]

Collybiopsis koreana (Antonín, Ryoo & H.D. Shin) J.S. Kim & Y.W. Lim [D:KOR]

Collybiopsis luxurians (Peck) R.H. Petersen [D:NEC/KOR]

Collybiopsis menehune (Desjardin, Halling & Hemmes) R.H. Petersen [D:KOR]

Collybiopsis nonnulla (Corner) R.H. Petersen [D:KOR]

Collybiopsis orientisubnuda J.S. Kim & Y.W. Lim [D:KOR]

Collybiopsis peronata (Bolton) R.H. Petersen [D:NEC/FER/KOR/JPN]

Collybiopsis pini M. Cho & J.J. Kim [D:KOR]

Collybiopsis polygramma (Mont.) R.H. Petersen [D:KOR]

Collybiopsis ramealis (Bull.) Earle [D:NEC/FER/MNG/KOR/JPN]

Collybiopsis subnuda (Ellis ex Peck) R.H. Petersen [D:NEC/KOR]

Collybiopsis subumbilicata J.S. Kim & Y.W. Lim [D:NEC/KOR]

Collybiopsis undulata J.S. Kim & Y.W. Lim [D:KOR]

Collybiopsis vaillantii (Pers.) R.H. Petersen [D:NEC/FER]

Collybiopsis vellerea J.S. Kim & Y.W. Lim [D:KOR]

Gen.463 *Connopus* R.H. Petersen

Connopus acervatus (Fr.) K.W. Hughes, Mather & R.H. Petersen [D:NEC/FER/KOR/JPN]

Gen.464 *Gymnopus* (Pers.) Gray

Gymnopus alkalivirens (Singer) Halling [D:JPN]

Gymnopus alpinus (Vilgalys & O.K. Mill.) Antonín & Noordel. [D:FER]

Gymnopus androsaceus (L.) Della Magg. & Trassin. [D:NEC/FER/KOR/JPN]

Gymnopus aquosus (Bull.) Antonín & Noordel. [D:NEC/FER]

Gymnopus brassicolens (Romagn.) Antonín & Noordel. [D:FER]

Gymnopus brunneodiscus Antonín, Ryoo & Ka [D:KOR]

Gymnopus castaneus M. Villarreal, Heykoop & Esteve-Rav. [D:NEC]

Gymnopus changbaiensis J.J. Hu, B. Zhang & Yu Li [D:NEC]

Gymnopus chowii J.P. Li, Chang Tian Li & Y. Li [D:NEC]

Gymnopus cremeostipitatus Antonín, Ryoo & Ka [D:KOR]

Gymnopus cystidiosus J.J. Hu, B. Zhang & Yu Li [D:NEC]

Gymnopus densilamellatus Antonín, Ryoo & Ka [D:NEC/KOR]

Gymnopus dryophiloides Antonín, Ryoo & Ka [D:KOR]

Gymnopus dryophilus (Bull.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Gymnopus dysodes (Halling) Halling [D:KOR]

Gymnopus erythropus (Pers.) Antonín, Halling & Noordel. [D:NEC/FER/KOR/JPN]

Gymnopus exsculptus (Fr.) Murrill [D:FER]

Gymnopus fagiphilus (Velen.) Antonín, Halling & Noordel. [D:NEC]

Gymnopus fasciatus (Penn.) Halling [D:FER]

Gymnopus foetidus (Sowerby) P.M. Kirk [D:FER/KOR/JPN]

Gymnopus fuscopurpureus (Pers.) Antonín, Halling & Noordel. [D:FER/JPN]

Gymnopus fusipes (Bull.) Gray [D:NEC/FER]

Gymnopus hariolorum (Bull.) Antonín, Halling & Noordel. [D:NEC/FER/MNG]

Gymnopus impudicus (Fr.) Antonín, Halling & Noordel. [D:NEC/FER/MNG/JPN]

Gymnopus iocephalus (Berk. & M.A. Curtis) Halling [D:NEC/KOR/JPN]

Gymnopus loiseleurietorum (M.M. Moser, Gerhold & Tobies) Antonín & Noordel. [D:FER]

Gymnopus longisterigmatus J.J. Hu, B. Zhang & Yu Li [D:NEC]

Gymnopus longus J.J. Hu, B. Zhang & Yu Li [D:NEC]

Gymnopus montagnei (Berk.) Redhead [D:KOR]

Gymnopus nivalis Luthi & Plomb ex Antonín & Noordel. [D:NEC/JPN]

Gymnopus ocior (Pers.) Antonín & Noordel. [D:NEC/FER]

Gymnopus oncospermatis (Corner) Har. Takah. [D:JPN]

Gymnopus piceipes T. Miyam. & Igarashi [D:JPN]

Gymnopus polyphyllus (Peck) Halling [D:NEC]

Gymnopus sepiiconicus (Corner) A.W. Wilson [D:KOR]

Gymnopus similis Antonín, Ryoo & Ka [D:NEC/KOR]

Gymnopus striatus J.J. Hu, B. Zhang & Yu Li [D:NEC]

Gymnopus subsulphureus (Peck) Murrill [D:JPN]

Gymnopus terginus (Fr.) Antonín & Noordel. [D:FER]

Gymnopus tiliicola J.J. Hu, B. Zhang & Yu Li [D:NEC]

Gymnopus tomentosus J.J. Hu, B. Zhang & Yu Li [D:NEC]

Gymnopus variicolor Antonín, Ryoo, Ka & Tomšovský [D:KOR]

Gen.465 *Lentinula* Earle

Lentinula edodes (Berk.) Pegler [D:NEC/FER/KOR/JPN]

Gen.466 *Marasmiellus* Murrill

Marasmiellus alliiodorus (Mont.) Singer [D:FER]

Marasmiellus atrostipitatus Har. Takah. [D:JPN]

Marasmiellus brunneocarpus Har. Takah. [D:JPN]

Marasmiellus candidus (Fr.) Singer [D:NEC/FER/KOR/JPN]

Marasmiellus chamaecyparidis (Hongo) Hongo [D:KOR/JPN]

Marasmiellus crassitunicatus Har. Takah. & Degawa [D:JPN]

Marasmiellus dealbatus (Berk. & M.A. Curtis) Singer [D:NEC]

Marasmiellus graminis (Murrill) Singer & Hauskn. [D:JPN]

Marasmiellus gregarius Har. Takah. [D:JPN]

Marasmiellus leiophyllus (Berk. & M.A. Curtis) Neda [D:JPN]

Marasmiellus paralacteus (S. Imai) S. Ito [D:JPN]

Marasmiellus phaeophyllus (Kühner) Singer [D:FER]

Marasmiellus rhizomorphogenus Antonín, Ryoo & H.D. Shin [D:KOR]

Marasmiellus roseipallens (Murrill) Singer [D:FER]

Marasmiellus stenophylloides (Dennis) Dennis [D:NEC]

Marasmiellus tricolor (Alb. & Schwein.) Singer [D:MNG]

Marasmiellus vernalis Har. Takah. [D:JPN]

Gen.467 *Micromphale* Gray

Micromphale todeae (Henn.) Antonín [D:FER]

Gen.468 *Mycetinis* Earle

Mycetinis alliaceus (Jacq.) Earle ex A.W. Wilson & Desjardin [D:NEC/FER/KOR]

Mycetinis prasiosmus (Fr.) R.H. Petersen [D:KOR/JPN]

Mycetinis scorodonius (Fr.) A.W. Wilson & Desjardin [D:NEC/FER/MNG/KOR/JPN]

Gen.469 *Neonothopanus* R.H. Petersen & Krisai

Neonothopanus nambi (Speg.) R.H. Petersen & Krisai [D:JPN]

Gen.470 *Omphalotus* Fayod

Omphalotus flagelliformis Zhu L. Yang & B. Feng [D:NEC]

Omphalotus guepiniiformis (Berk.) Neda [D:NEC/FER/KOR/JPN]

Omphalotus illudens (Schwein.) Bresinsky & Besl [D:NEC/FER]

Omphalotus olearius (DC.) Singer [D:NEC/FER]

Gen.471 *Paragymnopus* J.S. Oliveira

Paragymnopus perforans (Hoffm.) J.S. Oliveira [D:FER/MNG]

Gen.472 *Peckorumyces* J.P. Li, J.S. Oliveira & Chang Tian Li

Peckorumyces umbonatus (Peck) J.P. Li, J.S. Oliveira & Chang Tian Li [D:NEC]

Gen.473 *Pseudomarasmius* R.H. Petersen & K.W. Hughes

Pseudomarasmius glabrocystidiatus (Antonín, Ryoo & Ka) R.H. Petersen [D:NEC/KOR]

Pseudomarasmius pallidocephalus (Gilliam) R.H. Petersen [D:NEC/JPN]

Gen.474 *Pusillomyces* J.S. Oliveira

Pusillomyces asetosus (Antonín, Ryoo & Ka) J.S. Oliveira [D:KOR]

Pusillomyces funalis (Har. Takah.) J.S. Oliveira [D:KOR/JPN]

Gen.475 *Rhodocollybia* Singer

Rhodocollybia badiialba (Murrill) Lennox [D:NEC]

Rhodocollybia butyracea (Bull.) Lennox [D:NEC/FER/MNG/KOR/JPN]

Rhodocollybia butyraceoides Antonín, Ryoo & Ka [D:KOR]

Rhodocollybia hongneungensis Antonín, Ryoo & Ka [D:KOR]

Rhodocollybia maculata (Alb. & Schwein.) Singer [D:NEC/FER/MNG/KOR/JPN]

Rhodocollybia oregonensis (A.H. Sm.) Lennox [D:JPN]

Rhodocollybia prolixa (Fr.) Antonín & Noordel. [D:FER/MNG/JPN]

Rhodocollybia variabilicolor Antonín, Ryoo & Ka [D:KOR]

Fam. Phyllotopsidaceae Locq. ex Olariaga, Huhtinen, Læssøe, J.H. Petersen & K. Hansen

Gen.476 *Phyllotopsis* Singer

Phyllotopsis nidulans (Pers.) Singer [D:NEC/FER/MNG/KOR/JPN]

Phyllotopsis rhodophylla (Bres.) Singer [D:NEC]

Gen.477 *Pleurocybella* Singer

Pleurocybella porrigens (Pers.) Singer [D:NEC/FER/KOR/JPN]

Gen.478 *Tricholomopsis* Singer

Tricholomopsis bambusina Hongo [D:JPN]

Tricholomopsis crocobapha (Berk. & Broome) Pegler [D:NEC]

Tricholomopsis decora (Fr.) Singer [D:NEC/FER/KOR/JPN]

Tricholomopsis flammula Métrod ex Holec [D:NEC/FER/KOR]

Tricholomopsis rutilans (Schaeff.) Singer [D:NEC/FER/MNG/KOR/JPN]

Tricholomopsis sanguinea Hongo [D:JPN]

Tricholomopsis sasae Hongo [D:KOR/JPN]

Tricholomopsis shulanensis X. He [D:NEC]

Tricholomopsis sulfureoides (Peck) Singer [D:NEC]

Tricholomopsis yunnanensis (M. Zang) Li R. Liu, Yan C. Li & Zhu L. Yang [D:NEC]

Fam. Physalacriaceae Corner

Gen.479 *Armillaria* (Fr.) Staude

Armillaria borealis Marxm. & Korhonen [D:NEC]

Armillaria cepistipes Velen. [D:NEC/FER/KOR/JPN]

Armillaria desertorum T. Bau [D:NEC]

Armillaria gallica Marxm. & Romagn. [D:NEC/FER/KOR/JPN]

Armillaria jezoensis J.Y. Cha & Igarashi [D:JPN]

Armillaria luteopileata G.F. Qin, Jun Zhao, W.M. Qin & Korhonen [D:NEC]

Armillaria mellea (Vahl) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Armillaria nabsnona T.J. Volk & Burds. [D:KOR/JPN]

Armillaria obscura (Schaeff.) Herink [D:NEC/FER]

Armillaria ostoyae (Romagn.) Herink [D:NEC/JPN]

Armillaria sinapina Bérubé & Dessur. [D:NEC/JPN]

Armillaria singula J.Y. Cha & Igarashi [D:JPN]

Armillaria solidipes Peck [D:KOR]

Gen.480 *Cibaomyces* Zhu L. Yang, Y.J. Hao & J. Qin

Cibaomyces glutinis Zhu L. Yang, Y.J. Hao & J. Qin [D:NEC]

Gen.481 *Cryptomarasmius* T.S. Jenkinson & Desjardin

Cryptomarasmius aucubae (Neda) T.S. Jenkinson & Desjardin [D:NEC/FER/KOR]

Cryptomarasmius changchunensis T. Bau & S.Y. Li [D:NEC]

Cryptomarasmius crescentiae (Murrill) T.S. Jenkinson & Desjardin [D:KOR]

Cryptomarasmius minutus (Peck) T.S. Jenkinson & Desjardin [D:NEC/FER/KOR]

Gen.482 *Cylindrobasidium* Jülich

Cylindrobasidium argenteum (Kobayasi) N. Maek. [D:JPN]

Cylindrobasidium evolvens (Fr.) Jülich [D:NEC/FER/MNG/KOR]

Cylindrobasidium laeve (Pers.) Chamuris [D:NEC/KOR/JPN]

Cylindrobasidium sublaeve Y.C. Lin, C.C. Chen & Sheng H. Wu [D:NEC]

Gen.483 *Cyptotrama* Singer

Cyptotrama asprata (Berk.) Redhead & Ginns [D:FER/KOR/JPN]

Cyptotrama chrysopepla (Berk. & M.A. Curtis) Singer [D:NEC]

Gen.484 *Dactylosporina* (Clémençon) Dörfelt

Dactylosporina brunneomarginata Ushijima, Nagas. & S. Kigawa [D:JPN]

Gen.485 *Desarmillaria* (Herink) R.A. Koch & Aime

Desarmillaria ectypa (Fr.) R.A. Koch & Aime [D:JPN]

Desarmillaria tabescens (Scop.) R.A. Koch & Aime [D:KOR/JPN]

Gen.486 *Flammulina* P. Karst.

Flammulina fennae Bas [D:NEC/JPN]

Flammulina filiformis (Z.W. Ge, X.B. Liu & Zhu L. Yang) P.M. Wang, Y.C. Dai, E. Horak & Zhu L. Yang [D:KOR]

Flammulina rossica Redhead & R.H. Petersen [D:NEC/FER/KOR]

Flammulina velutipes (Curtis) Singer [D:NEC/FER/MNG/KOR/JPN]

Gen.487 *Gloiocephala* Massee

Gloiocephala caricis (P. Karst.) Bas [D:FER]

Gloiocephala menieri (Boud.) Singer [D:FER]

Gen.488 *Hymenopellis* R.H. Petersen

Hymenopellis amygdaliformis (Zhu L. Yang & M. Zang) R.H. Petersen [D:FER/JPN]

Hymenopellis aureocystidiata (R.H. Petersen & Nagas.) R.H. Petersen [D:JPN]

Hymenopellis japonica (Dörfelt) R.H. Petersen [D:NEC/FER/JPN]

Hymenopellis orientalis (R.H. Petersen & Nagas.) R.H. Petersen [D:KOR/JPN]

Hymenopellis radicata (Relhan) R.H. Petersen [D:NEC/FER/KOR/JPN]

Hymenopellis raphanipes (Berk.) R.H. Petersen [D:NEC/KOR/JPN]

Hymenopellis rugosoceps (G.F. Atk.) R.H. Petersen [D:FER]

Hymenopellis vinocontusa (R.H. Petersen & Nagas.) R.H. Petersen [D:FER]

Gen.489 *Mucidula* Pat.

Mucidula brunneomarginata (Lj.N. Vassiljeva) R.H. Petersen [D:NEC/FER/KOR/JPN]

Mucidula mucida (Schrad.) Pat. [D:NEC/FER/KOR/JPN]

Gen.490 *Oudemansiella* Speg.

Oudemansiella canarii (Jungh.) Höhn. [D:NEC/KOR/JPN]

Oudemansiella globospora (R.H. Petersen & Nagas.) Zhu L. Yang, G.M. Muell., G. Kost & Rexer [D:FER/JPN]

Oudemansiella latilamellata Mizuta [D:JPN]

Oudemansiella rhodophylla Mizuta [D:JPN]

Oudemansiella submucida Corner [D:NEC]

Gen.491 *Paraxerula* R.H. Petersen

Paraxerula hongoi (Dörfelt) R.H. Petersen [D:FER/KOR/JPN]

Gen.492 *Physalacria* Peck

Physalacria changensis Rostr. [D:JPN]

Physalacria cryptomeriae Berthier & Rogerson [D:JPN]

Physalacria jilinensis T. Bau & Si Y. Li [D:NEC]

Physalacria komabensis Imazeki [D:JPN]

Physalacria lateriparies X. He & F.Z. Xue [D:NEC/FER]

Physalacria sasae S. Imai [D:FER/JPN]

Gen.493 *Ponticulomyces* R.H. Petersen

Ponticulomyces kedrovayae R.H. Petersen [D:FER/JPN]

Ponticulomyces orientalis (Zhu L. Yang) R.H. Petersen [D:KOR/JPN]

Gen.494 *Rhizomarasmius* R.H. Petersen

Rhizomarasmius epidryas (Kühner ex A. Ronikier) A. Ronikier & Ronikier [D:NEC/FER]

Rhizomarasmius undatus (Berk.) R.H. Petersen [D:NEC]

Gen.495 *Rhodotus* Maire

Rhodotus palmatus (Bull.) Maire [D:NEC/FER/KOR/JPN]

Gen.496 *Strobilurus* Singer

Strobilurus conigenus (Pers.) Gulden [D:NEC]

Strobilurus esculentus (Wulfen) Singer [D:MNG/KOR/JPN]

Strobilurus ohshimae (Hongo & I. Matsuda) Hongo ex Katum. [D:NEC/KOR/JPN]

Strobilurus stephanocystis (Kühner & Romagn. ex Hora) Singer [D:NEC/FER/KOR/JPN]

Strobilurus tenacellus (Pers.) Singer [D:NEC/JPN]

Gen.497 *Xerula* Maire

Xerula pudens (Pers.) Singer [D:NEC/KOR/JPN]

Xerula sinopudens R.H. Petersen & Nagas. [D:JPN]

Xerula strigosa Zhu L. Yang, L. Wang & G.M. Muell. [D:KOR]

Fam. Pleurotaceae Kühner

Gen.498 *Hohenbuehelia* Schulzer

Hohenbuehelia angustata (Berk.) Singer [D:NEC/FER]

Hohenbuehelia atrocoerulea (Fr.) Singer [D:FER]

Hohenbuehelia cyphelliformis (Berk.) O.K. Mill. [D:FER]

Hohenbuehelia fluxilis (Fr.) P.D. Orton [D:NEC]

Hohenbuehelia grisea (Peck) Singer [D:FER/JPN]

Hohenbuehelia horakii Courtec. [D:JPN]

Hohenbuehelia ingentimetuloidea X. He [D:NEC]

Hohenbuehelia leiospora (Drechsler) Thorn [D:NEC]

Hohenbuehelia lividula (Berk. & M.A. Curtis) Neda & Yoshim. Doi [D:JPN]

Hohenbuehelia mastrucata (Fr.) Singer [D:FER/JPN]

Hohenbuehelia myxotricha (Lév.) Singer [D:FER]

Hohenbuehelia nigra (Schwein.) Singer [D:NEC]

Hohenbuehelia olivacea Yu Liu & T. Bau [D:NEC]

Hohenbuehelia petaloides (Bull.) Schulzer [D:NEC/FER/MNG/KOR/JPN]

Hohenbuehelia reniformis (G. Mey.) Singer [D:NEC/FER/KOR/JPN]

Hohenbuehelia silvana (Sacc.) O.K. Mill. [D:NEC/JPN]

Hohenbuehelia tomentosa J.Z. Xu [D:NEC]

Hohenbuehelia tremula (Schaeff.) Thorn & G.L. Barron [D:FER/JPN]

Hohenbuehelia tristis G. Stev. [D:KOR]

Hohenbuehelia unguicularis (Fr.) O.K. Mill. [D:FER]

Gen.499 *Lignomyces* R.H. Petersen & Zmitr.

Lignomyces vetlinianus (Domański) R.H. Petersen & Zmitr. [D:FER]

Gen.500 *Nothopanus* Singer

Nothopanus eugrammus (Mont.) Singer [D:NEC]

Gen.501 *Pleurotus* (Fr.) P. Kumm.

Pleurotus abieticola R.H. Petersen & K.W. Hughes [D:FER]

Pleurotus calyptratus (Lindblad ex Fr.) Sacc. [D:NEC/FER/MNG]

Pleurotus citrinopileatus Singer [D:NEC/FER/MNG/KOR/JPN]

Pleurotus cornucopiae (Paulet) Quél. [D:NEC/FER/MNG/KOR]

Pleurotus cyatheae S. Ito & S. Imai [D:JPN]

Pleurotus cystidiosus O.K. Mill. [D:KOR/JPN]

Pleurotus djamor (Rumph. ex Fr.) Boedijn [D:NEC/FER/KOR/JPN]

Pleurotus dryinus (Pers.) P. Kumm. [D:NEC/FER/MNG/JPN]

Pleurotus eryngii (DC.) Quél. [D:KOR]

Pleurotus ferulae Quél. [D:NEC]

Pleurotus flabellatus Sacc. [D:NEC]

Pleurotus limpidus (Fr.) P. Karst. [D:NEC/FER/JPN]

Pleurotus mongolicus (Kalchbr.) Sacc. [D:NEC]

Pleurotus ostreatus (Jacq.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Pleurotus perpusillus (Lumn.) Gillet [D:JPN]

Pleurotus platypus Sacc. [D:NEC]

Pleurotus pulmonarius (Fr.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Pleurotus septicus (Fr.) P. Kumm. [D:NEC]

Pleurotus spodoleucus (Fr.) Quél. [D:NEC/KOR/JPN]

Gen.502 *Resupinatus* Nees ex Gray

Resupinatus alboniger (Pat.) Singer [D:NEC]

Resupinatus applicatus (Batsch) Gray [D:NEC/FER/KOR/JPN]

Resupinatus dealbatus (Berk.) Singer [D:JPN]

Resupinatus striatulus (Pers.) Murrill [D:FER/JPN]

Resupinatus trichotis (Pers.) Singer [D:NEC/FER/KOR/JPN]

Resupinatus yunnanensis Yang Yang & C.L. Zhao [D:NEC]

Fam. Pluteaceae Kotl. & Pouzar

Gen.503 *Melanoleuca* Pat.

Melanoleuca angelesiana A.H. Sm. [D:NEC]

Melanoleuca arcuata (Bull.) Singer [D:NEC/KOR]

Melanoleuca brevipes (Bull.) Pat. [D:NEC/FER]

Melanoleuca chifengense X.D. Yu & H.B. Guo [D:NEC]

Melanoleuca cinereifolia (Bon) Bon [D:NEC]

Melanoleuca cognata (Fr.) Konrad & Maubl. [D:NEC/FER/MNG]

Melanoleuca communis Sánchez-García & J. Cifuentes [D:NEC]

Melanoleuca dryophila Murrill [D:NEC]

Melanoleuca exscissa (Fr.) Singer [D:NEC]

Melanoleuca galerina Yu Li & J.Z. Xu [D:NEC]

Melanoleuca graminicola Kühner & Maire [D:NEC/FER]

Melanoleuca grammopodia (Bull.) Murrill [D:NEC/FER/MNG/JPN]

Melanoleuca griseobrunnea Antonín, Ďuriška & Tomšovský [D:NEC]

Melanoleuca griseoflava X.D. Yu & H.B. Guo [D:NEC]

Melanoleuca humilis (Pers.) Pat. [D:FER]

Melanoleuca leucopoda X.D. Yu [D:NEC]

Melanoleuca melaleuca (Pers.) Murrill [D:NEC/FER/KOR/JPN]

Melanoleuca paedida (Fr.) Kühner & Maire [D:NEC]

Melanoleuca pallidorosea X.D. Yu & H.B. Guo [D:NEC]

Melanoleuca platyphylla Murrill [D:NEC]

Melanoleuca polioleuca (Fr.) Kühner & Maire [D:NEC/FER/KOR]

Melanoleuca porphyropoda X.D. Yu [D:NEC]

Melanoleuca rasilis (Fr.) Singer [D:NEC]

Melanoleuca resplendens (Fr.) Murrill [D:NEC]

Melanoleuca strictipes (P. Karst.) Jul. Schäff. [D:NEC/FER/MNG]

Melanoleuca stridula (Fr.) Singer [D:NEC]

Melanoleuca subalpina (Britzelm.) Bresinsky & Stangl [D:NEC]

Melanoleuca subgrammopodia Yu Li & J.Z. Xu [D:NEC]

Melanoleuca subgriseoflava X.D. Yu & H.B. Guo [D:NEC]

Melanoleuca substrictipes Kühner [D:NEC]

Melanoleuca tabularis Konrad [D:NEC/MNG]

Melanoleuca verrucipes (Fr.) Singer [D:NEC/FER/KOR/JPN]

Gen.504 *Pluteus* Fr.

Pluteus admirabilis (Peck) Peck [D:NEC]

Pluteus albotomentosus E.F. Malysheva & Malysheva [D:FER]

Pluteus alniphilus Deparis [D:NEC]

Pluteus americanus (P. Banerjee & Sundb.) Justo, E.F. Malysheva & Minnis [D:NEC/FER]

Pluteus arenulosus (Berk. & M.A. Curtis) Sacc. [D:JPN]

Pluteus atroavellaneus var. *atroavellaneus* Murrill [D:KOR]

Pluteus atrofuscus Hongo [D:KOR/JPN]

Pluteus atromarginatus (Konrad) Kühner [D:NEC/FER/KOR/JPN]

Pluteus aurantiorugosus (Trog) Sacc. [D:NEC/FER/KOR/JPN]

Pluteus bulbosus S. Imai [D:JPN]

Pluteus cervinus (Schaeff.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Pluteus cervinus var. *minor* Singer [D:KOR]

Pluteus chrysophaeus (Schaeff.) Quél. [D:NEC/FER/JPN]

Pluteus cinereofuscus J.E. Lange [D:FER]

Pluteus cubensis (Murrill) Dennis [D:KOR]

Pluteus cystidiosus (Minnis & Sundb.) Justo, Malysheva & Lebeuf [D:FER/JPN]

Pluteus daidoi S. Ito & S. Imai [D:JPN]

Pluteus daqinggouensis T. Bau & Mu Liu [D:NEC]

Pluteus diettrichii Bres. [D:NEC/FER]

Pluteus diptychocystis Singer [D:KOR]

Pluteus eludens E.F. Malysheva, Minnis & Justo [D:NEC]

Pluteus eos Justo & E.F. Malysheva [D:FER]

Pluteus ephebeus (Fr.) Gillet [D:NEC/FER/KOR]

Pluteus eugraptus (Berk. & Broome) Sacc. [D:KOR]

Pluteus exiguus (Pat.) Sacc. [D:KOR]

Pluteus extremiorientalis E.F. Malysheva & Malysheva [D:FER]

Pluteus fibulatus Singer [D:KOR]

Pluteus flavofuligineus G.F. Atk. [D:NEC/KOR]

Pluteus floridanus Murrill [D:KOR]

Pluteus fumidus E.F. Malysheva [D:FER]

Pluteus gausapatus Ševčíková & Antonín [D:KOR]

Pluteus godeyi Gillet [D:FER]

Pluteus griseodiscus Jiang Xu & T.H. Li [D:NEC]

Pluteus harrisii Murrill [D:NEC/KOR]

Pluteus hiatulus Romagn. [D:FER/KOR]

Pluteus hibbettii Justo, E.F. Malysheva & Bulyonk. [D:NEC/FER]

Pluteus hispidulus (Fr.) Gillet [D:NEC/FER/KOR]

Pluteus hongoi Singer [D:NEC/FER/MNG/KOR]

Pluteus horridilamellus S. Ito & S. Imai [D:JPN]

Pluteus leoninus (Schaeff.) P. Kumm. [D:NEC/FER/KOR/JPN]

Pluteus leucoborealis Justo, E.F. Malysheva, Bulyonk. & Minnis [D:FER/MNG]

Pluteus liaoheensis T. Bau & Mu Liu [D:NEC]

Pluteus liliputianus E.F. Malysheva & Malysheva [D:FER]

Pluteus longistriatus (Peck) Peck [D:NEC/KOR]

Pluteus luctuosus Boud. [D:FER]

Pluteus luteus (Redhead & B. Liu) Redhead [D:FER]

Pluteus machidae S. Ito & S. Imai [D:JPN]

Pluteus macrosporus Henn. [D:JPN]

Pluteus magnus McClatchie [D:JPN]

Pluteus myceniformis Murrill [D:KOR]

Pluteus nanus (Pers.) P. Kumm. [D:NEC/FER/KOR/JPN]

Pluteus nigritus E.F. Malysheva [D:FER]

Pluteus okabei S. Ito & S. Imai [D:JPN]

Pluteus pantherinus Courtec. & M. Uchida [D:NEC/KOR/JPN]

Pluteus pellitus (Pers.) P. Kumm. [D:NEC/FER/MNG/JPN]

Pluteus petasatus (Fr.) Gillet [D:NEC/FER/MNG/KOR/JPN]

Pluteus phaeocephalus (Bull.) Fayod [D:JPN]

Pluteus phlebophoroides Henn. [D:NEC]

Pluteus phlebophorus (Ditmar) P. Kumm. [D:NEC/JPN]

Pluteus plautus (Weinm.) Gillet [D:NEC/FER]

Pluteus pluvialis Singer [D:KOR]

Pluteus podospileus Sacc. & Cub. [D:NEC/FER/KOR/JPN]

Pluteus pouzarianus Singer [D:NEC/KOR]

Pluteus primus Bonnard [D:NEC]

Pluteus rangifer Justo, E.F. Malysheva & Bulyonk. [D:NEC/FER]

Pluteus rimosellus Singer [D:KOR]

Pluteus rimosus Murrill [D:NEC]

Pluteus romellii (Britzelm.) Lapl. [D:NEC/FER/JPN]

Pluteus salicinus (Pers.) P. Kumm. [D:NEC/FER/JPN]

Pluteus semibulbosus (Lasch) Quél. [D:FER/KOR]

Pluteus sepiicolor E.F. Malysheva [D:NEC/FER]

Pluteus shikae Justo & E.F. Malysheva [D:NEC/FER]

Pluteus spinulosus Murrill [D:KOR]

Pluteus spurius E.F. Malysheva & Malysheva [D:FER]

Pluteus subcervinus (Berk. & Broome) Sacc. [D:NEC]

Pluteus sublaevigatus (Singer) Menolli & Capelari [D:KOR]

Pluteus thomsonii (Berk. & Broome) Dennis [D:NEC/FER/KOR/JPN]

Pluteus tomentosulus Peck [D:FER]

Pluteus umbrosoides E.F. Malysheva [D:FER]

Pluteus umbrosus (Pers.) P. Kumm. [D:NEC/FER/KOR/JPN]

Pluteus ursulus E.F. Malysheva [D:FER]

Pluteus ussuriensis E.F. Malysheva [D:FER]

Pluteus variabilicolor Babos [D:KOR]

Pluteus velutinus C.K. Pradeep, Justo & K.B. Vrinda [D:MNG]

Pluteus verruculosus S. Ito & S. Imai [D:JPN]

Pluteus xylophilus (Speg.) Singer [D:KOR]

Gen.505 *Volvariella* Speg.

Volvariella bombycina (Schaeff.) Singer [D:NEC/FER/KOR/JPN]

Volvariella hypopithys (Fr.) Shaffer [D:NEC/FER/KOR/JPN]

Volvariella koreana S.J. Seok, Yang S. Kim, K.M. Park, W.G. Kim, K.H. Yoo & I.C. Park [D:KOR]

Volvariella murinella (Quél.) M.M. Moser ex Dennis, P.D. Orton & Hora [D:FER]

Volvariella pusilla (Pers.) Singer [D:NEC/FER/KOR/JPN]

Volvariella subtaylorii Hongo [D:KOR/JPN]

Volvariella surrecta (Knapp) Singer [D:FER/KOR]

Volvariella taylorii (Berk. & Broome) Singer [D:KOR]

Volvariella villosovolva (Lloyd) Singer [D:KOR]

Volvariella volvacea (Bull.) Singer [D:NEC/FER/MNG/KOR/JPN]

Gen.506 *Volvopluteus* Vizzini, Contu & Justo

Volvopluteus earlei (Murrill) Vizzini, Contu & Justo [D:JPN]

Volvopluteus gloiocephalus (DC.) Vizzini, Contu & Justo [D:NEC/FER/MNG/KOR/JPN]

Volvopluteus michiganensis (A.H. Sm.) Justo & Minnis [D:NEC]

Fam. Porotheleaceae Murrill

Gen.507 *Calyptella* Quél.

Calyptella campanula (Nees) W.B. Cooke [D:NEC]

Calyptella capula (Holmsk.) Quél. [D:JPN]

Gen.508 *Clitocybula* (Singer) Singer ex Métrod

Clitocybula abundans (Peck) Singer [D:NEC/JPN]

Clitocybula esculenta Nagas. & Redhead [D:JPN]

Clitocybula familia (Peck) Singer [D:NEC/KOR]

Clitocybula lacerata (Scop.) Métrod [D:NEC/FER/JPN]

Gen.509 *Delicatula* Fayod

Delicatula integrella (Pers.) Fayod [D:NEC/FER/MNG/KOR]

Gen.510 *Gerronema* Singer

Gerronema albidum (Fr.) Singer [D:NEC/FER]

Gerronema corticiphilum Lj.N. Vassiljeva [D:FER]

Gerronema josserandii Singer [D:FER]

Gerronema nemorale Har. Takah. [D:NEC/KOR/JPN]

Gerronema reclinis (Fr.) Clémençon [D:FER]

Gerronema strombodes (Berk. & Mont.) Singer [D:FER/KOR]

Gerronema xanthophyllum (Bres.) Norvell, Redhead & Ammirati [D:NEC]

Gen.511 *Henningsomyces* Kuntze

Henningsomyces candidus (Pers.) Kuntze [D:KOR/JPN]

Henningsomyces leptus Y.L. Wei & Y.C. Dai [D:NEC]

Henningsomyces subiculatus Y.L. Wei & W.M. Qin [D:NEC]

Gen.512 *Hydropodia* Vizzini & Consiglio

Hydropodia silvae-nipponicae T. Kasuya, Reiich. Kaneko, Takehashi & K. Hosaka [D:JPN]

Hydropodia subalpina (Höhn.) Vizzini, Consiglio & M. Marchetti [D:JPN]

Gen.513 *Hydropus* Kühner ex Singer

Hydropus atramentosus (Kalchbr.) Kotl. & Pouzar [D:NEC/FER]

Hydropus atriceps (Murrill) Singer [D:NEC]

Hydropus aurarius Har. Takah. [D:JPN]

Hydropus erinensis (Dennis) Singer, [D:KOR]

Hydropus fuliginarius (Batsch) Singer [D:FER]

Hydropus hypnorum Hongo [D:JPN]

Hydropus kansaiensis Clémençon & Hongo [D:JPN]

Hydropus marginellus (Pers.) Singer [D:NEC/FER/KOR/JPN]

Hydropus nigrita (Berk. & M.A. Curtis) Singer [D:NEC/FER/JPN]

Hydropus paradoxus M.M. Moser [D:FER]

Gen.514 *Leucoinocybe* Singer ex Antonín, Borov., Holec & Kolařík

Leucoinocybe auricoma (Har. Takah.) Matheny [D:JPN]

Gen.515 *Lignomphalia* Antonín, Borov., Holec & Kolařík

Lignomphalia lignicola (Lj.N. Vassiljeva) Antonín, Borov., Holec & Kolařík [D:FER]

Gen.516 *Megacollybia* Kotl. & Pouzar

Megacollybia clitocyboidea R.H. Petersen, Takehashi & Nagas. [D:NEC/FER/KOR/JPN]

Megacollybia marginata R.H. Petersen, O.V. Morozova & J.L. Mata [D:NEC/FER/KOR]

Megacollybia platyphylla (Pers.) Kotl. & Pouzar [D:NEC/FER/MNG/KOR]

Gen.517 *Porotheleum* Fr.

Porotheleum fimbriatum (Pers.) Fr. [D:NEC/FER]

Gen.518 *Pseudohydropus* Vizzini & Consiglio

Pseudohydropus floccipes (Fr.) Vizzini & Consiglio [D:NEC/FER/KOR/JPN]

Gen.519 *Rectipilus* Agerer

Rectipilus fasciculatus (Pers.) Agerer [D:NEC/KOR/JPN]

Gen.520 *Trogia* Fr.

Trogia holochlora (Berk. & Broome) Corner [D:JPN]

Fam. Psathyrellaceae Vilgalys, Moncalvo & Redhead

Gen.521 *Britzelmayria* D. Wächt. & A. Melzer

Britzelmayria multipedata (Peck) D. Wächt. & A. Melzer [D:FER]

Gen.522 *Candolleomyces* D. Wächt. & A. Melzer

Candolleomyces candolleanus (Fr.) D. Wächt. & A. Melzer [D:NEC/FER/MNG/KOR/JPN]

Candolleomyces leucotephrus (Berk. & Broome) D. Wächt. & A. Melzer [D:NEC]

Candolleomyces luteopallidus (A.H. Sm.) D. Wächt. & A. Melzer [D:NEC]

Candolleomyces singeri (A.H. Sm.) D. Wächt. & A. Melzer [D:NEC]

Candolleomyces subsingeri (T. Bau & J.Q. Yan) D. Wächt. & A. Melzer [D:NEC]

Candolleomyces sulcatotuberculosus (J. Favre) D. Wächt. & A. Melzer [D:KOR]

Candolleomyces typhae (Kalchbr.) D. Wächt. & A. Melzer [D:NEC]

Gen.523 *Coprinellus* P. Karst.

Coprinellus aureogranulatus (Uljé & Aptroot) Redhead, Vilgalys & Moncalvo [D:NEC]

Coprinellus curtus (Kalchbr.) Vilgalys, Hopple & Jacq. Johnson [D:JPN]

Coprinellus disseminatus (Pers.) J.E. Lange [D:NEC/FER/KOR/JPN]

Coprinellus domesticus (Bolton) Vilgalys, Hopple & Jacq. Johnson [D:NEC/FER/KOR]

Coprinellus ellisii (P.D. Orton) Redhead, Vilgalys & Moncalvo [D:FER]

Coprinellus ephemerus (Bull.) Redhead, Vilgalys & Moncalvo [D:NEC]

Coprinellus flocculosus (DC.) Vilgalys, Hopple & Jacq. Johnson [D:FER/KOR/JPN]

Coprinellus heptemerus (M. Lange & A.H. Sm.) Vilgalys, Hopple & Jacq. Johnson [D:FER/JPN]

Coprinellus micaceus (Bull.) Vilgalys, Hopple & Jacq. Johnson [D:NEC/FER/MNG/KOR/JPN]

Coprinellus radians (Desm.) Vilgalys, Hopple & Jacq. Johnson [D:NEC/KOR/JPN]

Coprinellus saccharinus (Romagn.) P. Roux, Guy García & Dumas [D:NEC]

Coprinellus silvaticus (Peck) Gminder [D:NEC/FER/JPN]

Coprinellus truncorum (Scop.) Redhead, Vilgalys & Moncalvo [D:FER]

Coprinellus xanthothrix (Romagn.) Vilgalys, Hopple & Jacq. Johnson [D:NEC/FER/KOR]

Gen.524 *Coprinopsis* P. Karst.

Coprinopsis acuminata (Romagn.) Redhead, Vilgalys & Moncalvo [D:NEC/JPN]

Coprinopsis afronivea Desjardin & B.A. Perry [D:NEC]

Coprinopsis alopecia (Lasch) La Chiusa & Boffelli [D:FER]

Coprinopsis asiaticiphlyctidospora Fukiharu & Horigome [D:JPN]

Coprinopsis atramentaria (Bull.) Redhead, Vilgalys & Moncalvo [D:NEC/FER/MNG/KOR/JPN]

Coprinopsis bellula (Uljé) P. Roux & Eyssart. [D:NEC]

Coprinopsis candidolanata (Doveri & Uljé) Keirle, Hemmes & Desjardin [D:JPN]

Coprinopsis cineraria (Har. Takah.) Örstadius & E. Larss. [D:JPN]

Coprinopsis cinerea (Schaeff.) Redhead, Vilgalys & Moncalvo [D:NEC/FER/KOR/JPN]

Coprinopsis cortinata (J.E. Lange) Gminder [D:NEC/KOR/JPN]

Coprinopsis cothurnata (Godey) Redhead, Vilgalys & Moncalvo [D:FER]

Coprinopsis echinospora (Buller) Redhead, Vilgalys & Moncalvo [D:KOR/JPN]

Coprinopsis extinctoria (Fr.) Redhead, Vilgalys & Moncalvo [D:FER]

Coprinopsis friesii (Quél.) P. Karst. [D:NEC/FER/KOR/JPN]

Coprinopsis furfuracea T. Bau & L.Y. Zhu [D:NEC]

Coprinopsis gonophylla (Quél.) Redhead, Vilgalys & Moncalvo [D:JPN]

Coprinopsis igarashii Fukiharu & K. Shimizu [D:JPN]

Coprinopsis insignis (Peck) Redhead, Vilgalys & Moncalvo [D:NEC/KOR]

Coprinopsis jilinensis G. Rao, H.N. Zhao, B. Zhang & Y. Li [D:NEC]

Coprinopsis khorqinensis T. Bau & L.Y. Zhu [D:NEC]

Coprinopsis kimurae (Hongo & Aoki) Redhead, Vilgalys & Moncalvo [D:KOR/JPN]

Coprinopsis laanii (Kits van Wav.) Redhead, Vilgalys & Moncalvo [D:JPN]

Coprinopsis lagopides (P. Karst.) Redhead, Vilgalys & Moncalvo [D:FER/KOR/JPN]

Coprinopsis lagopus (Fr.) Redhead, Vilgalys & Moncalvo [D:NEC/FER/KOR/JPN]

Coprinopsis macrocephala (Berk.) Redhead, Vilgalys & Moncalvo [D:FER/KOR]

Coprinopsis martinii (P.D. Orton) Redhead, Vilgalys & Moncalvo [D:FER]

Coprinopsis melanthina (Fr.) Örstadius & E. Larss. [D:FER]

Coprinopsis mitrispora (Bohus) L. Nagy, Vágvölgyi & Papp [D:NEC]

Coprinopsis narcotica (Batsch) Redhead, Vilgalys & Moncalvo [D:NEC/FER/KOR/JPN]

Coprinopsis neolagopus (Hongo & Sagara) Redhead, Vilgalys & Moncalvo [D:KOR/JPN]

Coprinopsis nivea (Pers.) Redhead, Vilgalys & Moncalvo [D:NEC/FER/KOR/JPN]

Coprinopsis pachyderma (Bogart) Redhead, Vilgalys & Moncalvo [D:NEC]

Coprinopsis phaeospora (P. Karst.) P. Karst. [D:FER]

Coprinopsis phlyctidospora (Romagn.) Redhead, Vilgalys & Moncalvo [D:NEC/FER/KOR/JPN]

Coprinopsis poliomalla (Romagn.) Doveri, Granito & Lunghini [D:JPN]

Coprinopsis pseudofriesii (Pilát & Svrček) Redhead, Vilgalys & Moncalvo [D:NEC]

Coprinopsis pseudonivea (Bender & Uljé) Redhead, Vilgalys & Moncalvo [D:NEC]

Coprinopsis pusilla G. Rao, B. Zhang & Y. Li [D:NEC]

Coprinopsis radiata (Bolton) Redhead, Vilgalys & Moncalvo [D:NEC/FER/JPN]

Coprinopsis rhizophora (Kawam. ex Hongo & K. Yokoy.) D.J. Schaf. & B. Douglas [D:KOR]

Coprinopsis romagnesiana (Singer) Redhead, Vilgalys & Moncalvo [D:KOR]

Coprinopsis spilospora (Romagn.) Redhead, Vilgalys & Moncalvo [D:MNG]

Coprinopsis stercorea (Fr.) Redhead, Vilgalys & Moncalvo [D:FER/KOR/JPN]

Coprinopsis strossmayeri (Schulzer) Redhead, Vilgalys & Moncalvo [D:NEC/KOR/JPN]

Coprinopsis subigarashii T. Bau & L.Y. Zhu [D:NEC]

Coprinopsis tuberosa (Quél.) Doveri, Granito & Lunghini [D:KOR/JPN]

Coprinopsis urticicola (Berk. & Broome) Redhead, Vilgalys & Moncalvo [D:KOR]

Gen.525 *Cystoagaricus* Singer

Cystoagaricus strobilomyces (Murrill) Singer [D:NEC/KOR/JPN]

Gen.526 *Ephemerocybe* Fayod

Ephemerocybe angulata (Peck) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:FER/KOR/JPN]

Ephemerocybe aokii (Hongo) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:KOR/JPN]

Ephemerocybe bispora (Buller ex P.D. Orton) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:JPN]

Ephemerocybe brevisetulosa (Arnolds) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:JPN]

Ephemerocybe callina (M. Lange & A.H. Sm.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Ephemerocybe marculenta (Britzelm.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:FER]

Ephemerocybe pseudodisseminata (T. Bau & M. Huang) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC]

Gen.527 *Heteropsathyrella* T. Bau & J.Q. Yan

Heteropsathyrella macrocystidia T. Bau & J.Q. Yan [D:NEC]

Gen.528 *Homophron* (Britzelm.) Örstadius & E. Larss.

Homophron camptopodum (Sacc.) Örstadius & E. Larss. [D:NEC]

Homophron cernuum (Vahl) Örstadius & E. Larss. [D:NEC/FER]

Homophron helvolescens (S. Imai) Beker & U. Eberh. [D:JPN]

Homophron naucorioides (A.H. Sm.) Voto [D:NEC]

Homophron spadiceum (P. Kumm.) Örstadius & E. Larss. [D:NEC/FER/JPN]

Gen.529 *Lacrymaria* Pat.

Lacrymaria lacrymabunda (Bull.) Pat. [D:NEC/FER/KOR/JPN]

Lacrymaria pyrotricha (Holmsk.) Konrad & Maubl. [D:NEC]

Gen.530 *Narcissea* D. Wächt. & A. Melzer

Narcissea cordispora (T. Gibbs) D. Wächt. & A. Melzer [D:FER]

Narcissea ephemeroides (DC.) T. Bau, L.Y. Zhu & M. Huang [D:NEC/KOR/JPN]

Narcissea patouillardii (Quél.) D. Wächt. & A. Melzer [D:NEC/FER/KOR/JPN]

Gen.531 *Ozonium* Link

Ozonium auricomum Link [D:JPN]

Gen.532 *Parasola* Redhead, Vilgalys & Hopple

Parasola auricoma (Pat.) Redhead, Vilgalys & Hopple [D:NEC/FER/JPN]

Parasola chowii T. Bau & L.Y. Zhu [D:NEC]

Parasola conopila (Fr.) Örstadius & E. Larss. [D:NEC/FER/KOR]

Parasola eburnea T. Bau & L.Y. Zhu [D:NEC]

Parasola galericuliformis (Losa ex Watling) Redhead, Vilgalys & Hopple [D:FER]

Parasola kuehneri (Uljé & Bas) Redhead, Vilgalys & Hopple [D:NEC/FER]

Parasola leiocephala (P.D. Orton) Redhead, Vilgalys & Hopple [D:NEC/JPN]

Parasola lilatincta (Bender & Uljé) Redhead, Vilgalys & Hopple [D:NEC]

Parasola misera (P. Karst.) Redhead, Vilgalys & Hopple [D:JPN]

Parasola orientolactea T. Bau & L.Y. Zhu [D:NEC]

Parasola plicatilis (Curtis) Redhead, Vilgalys & Hopple [D:NEC/FER/MNG/KOR/JPN]

Parasola schroeteri (P. Karst.) Redhead, Vilgalys & Hopple [D:NEC]

Parasola setulosa (Berk. & Broome) Redhead, Vilgalys & Hopple [D:NEC/KOR]

Parasola tenuissima T. Bau & L.Y. Zhu [D:NEC]

Gen.533 *Psathyrella* (Fr.) Quél.

Psathyrella alboalutacea A.H. Sm. [D:FER]

Psathyrella amaura (Berk. & Broome) Pegler [D:NEC/KOR]

Psathyrella ammophila (Durieu & Lév.) P.D. Orton [D:FER/JPN]

Psathyrella angusticystis A.H. Sm. [D:NEC]

Psathyrella armeniaca Pegler [D:NEC]

Psathyrella atomata (Fr.) Quél. [D:JPN]

Psathyrella bifrons (Berk.) A.H. Sm. [D:NEC]

Psathyrella bipellis (Quél.) A.H. Sm. [D:NEC/FER/KOR/JPN]

Psathyrella boninensis (S. Ito & S. Imai) S. Ito [D:JPN]

Psathyrella borealis A.H. Sm. [D:NEC]

Psathyrella boreifasciculata Kytöv. & Liimat. [D:NEC]

Psathyrella campestris (Earle) A.H. Sm. [D:NEC]

Psathyrella caput-medusae (Fr.) Konrad & Maubl. [D:FER]

Psathyrella carinthiaca Voto [D:NEC]

Psathyrella carminei Örstadius & E. Larss. [D:NEC]

Psathyrella casca (Fr.) Konrad & Maubl. [D:FER]

Psathyrella conica T. Bau & J.Q. Yan [D:NEC]

Psathyrella conopila (Fr.) A. Pearson & Dennis [D:FER/JPN]

Psathyrella corrugis (Pers.) Konrad & Maubl. [D:NEC/FER/KOR/JPN]

Psathyrella crenulata A.H. Sm. [D:NEC]

Psathyrella effibulata Örstadius & E. Ludw. [D:NEC]

Psathyrella elongatipes (C.S. Parker) A.H. Sm. [D:FER]

Psathyrella fennoscandica Örstadius & E. Larss. [D:NEC]

Psathyrella fibrillosa (Pers.) Maire [D:FER]

Psathyrella fusca (J.E. Lange) A. Pearson [D:FER]

Psathyrella gordonii (Berk. & Broome) A. Pearson & Dennis [D:NEC/FER]

Psathyrella griseoalba Z.S. Bi [D:NEC]

Psathyrella hispida Heinem. [D:NEC]

Psathyrella jilinensis T. Bau & J.Q. Yan [D:NEC]

Psathyrella kauffmanii A.H. Sm. [D:NEC]

Psathyrella koreana S.J. Seok & Yang S. Kim [D:KOR]

Psathyrella laevissima (Romagn.) Singer [D:JPN]

Psathyrella longipes (Peck) A.H. Sm. [D:NEC]

Psathyrella lutensis (Romagn.) Bon [D:NEC/FER]

Psathyrella maculata (C.S. Parker) A.H. Sm. [D:KOR]

Psathyrella mammifera (Romagn.) Courtec. [D:NEC]

Psathyrella microrhiza (Lasch) Konrad & Maubl. [D:JPN]

Psathyrella microspora (S. Imai) Hongo [D:NEC/JPN]

Psathyrella microsporoides Heykoop & G. Moreno [D:KOR]

Psathyrella multissima (S. Imai) Hongo [D:NEC/KOR/JPN]

Psathyrella mycenoides T. Bau [D:NEC]

Psathyrella obtusata (Pers.) A.H. Sm. [D:NEC/FER/KOR/JPN]

Psathyrella ochracea (Romagn.) M.M. Moser ex Kits van Wav. [D:KOR]

Psathyrella olympiana A.H. Sm. [D:NEC/JPN]

Psathyrella panaeoloides (Maire) Arnolds [D:NEC]

Psathyrella pennata (Fr.) A. Pearson & Dennis [D:NEC/JPN]

Psathyrella pertinax (Fr.) Örstadius [D:NEC/FER]

Psathyrella pervelatoides S.J. Seok & Yang S. Kim [D:KOR]

Psathyrella phegophila Romagn. [D:NEC/KOR]

Psathyrella piluliformis (Bull.) P.D. Orton [D:NEC/FER/KOR/JPN]

Psathyrella prona (Fr.) Gillet [D:FER]

Psathyrella pseudocasca (Romagn.) Kits van Wav. [D:FER]

Psathyrella pygmaea (Bull.) Singer [D:NEC/FER]

Psathyrella rugocephala (G.F. Atk.) A.H. Sm. [D:NEC]

Psathyrella scobinacea (Fr.) Konrad & Maubl. [D:FER]

Psathyrella senex (Peck) A.H. Sm. [D:NEC/FER]

Psathyrella spadiceogrisea (Schaeff.) Maire [D:NEC/FER/KOR/JPN]

Psathyrella sphaerocystis P.D. Orton [D:FER]

Psathyrella sphagnicola (Maire) J. Favre [D:NEC/FER]

Psathyrella spintrigera (Fr.) Konrad & Maubl. [D:FER/JPN]

Psathyrella spintrigeroides P.D. Orton [D:NEC]

Psathyrella squamosa (P. Karst.) A.H. Sm. [D:NEC/KOR]

Psathyrella stellatifurfuracea (S. Ito & S. Imai) S. Ito [D:JPN]

Psathyrella subcacao (T. Bau & J.Q. Yan) Voto [D:NEC]

Psathyrella subminutispora (T. Bau & J.Q. Yan) Voto [D:NEC]

Psathyrella subspadiceogrisea T. Bau & J.Q. Yan [D:NEC]

Psathyrella subterrestris A.H. Sm. [D:NEC]

Psathyrella tephrophylla (Romagn.) Bon [D:FER/JPN]

Psathyrella trepida (Fr.) Gillet [D:FER]

Psathyrella turcosomarginata Hoashi [D:JPN]

Psathyrella utriformicystis S.J. Seok & Yang S. Kim [D:KOR]

Gen.534 *Typhrasa* Örstadius & E. Larss.

Typhrasa delineata (Peck) S.D. Russell [D:NEC/JPN]

Typhrasa gossypina (Bull.) Örstadius & E. Larss. [D:NEC/FER]

Fam. Pseudoclitocybaceae Vizzini, Consiglio, P.-A. Moreau & P. Alvarado

Gen.535 *Clitopaxillus* G. Moreno, Vizzini, Consiglio & P. Alvarado

Clitopaxillus fibulatus P.-A. Moreau, Dima, Consiglio & Vizzini [D:NEC]

Gen.536 *Pseudoclitocybe* (Singer) Singer

Pseudoclitocybe cyathiformis (Bull.) Singer [D:NEC/FER/KOR/JPN]

Pseudoclitocybe expallens (Pers.) M.M. Moser [D:NEC/FER]

Pseudoclitocybe obbata (Fr.) Singer [D:FER/JPN]

Fam. Pterulaceae Corner

Gen.537 *Chaetotyphula* Corner

Chaetotyphula hyalina (Jungh.) Corner [D:FER]

Gen.538 *Coronicium* J. Erikss. & Ryvarden

Coronicium proximum (H.S. Jacks.) Jülich [D:NEC]

Gen.539 *Pterula* Fr.

Pterula fusispora Yasuda [D:JPN]

Pterula multifida E.P. Fr. ex Fr. [D:NEC/KOR/JPN]

Pterula penicellata Berk. ex Lloyd [D:NEC]

Pterula subulata Fr. [D:FER/KOR/JPN]

Gen.540 *Pterulicium* Corner

Pterulicium fasciculare (Bres. & Pat.) Leal-Dutra, Dentinger & G.W. Griff. [D:NEC/FER/KOR/JPN]

Pterulicium gracile (Desm. & Berk.) Leal-Dutra, Dentinger & G.W. Griff. [D:FER]

Pterulicium subsimplex (Henn.) Leal-Dutra, Dentinger & G.W. Griff. [D:JPN]

Pterulicium ulmi (Peck) Leal-Dutra, Dentinger & G.W. Griff. [D:FER]

Fam. Radulomycetaceae Leal-Dutra, Dentinger & G.W. Griff.

Gen.541 *Aphanobasidium* Jülich

Aphanobasidium pseudotsugae (Burt) Boidin & Gilles [D:NEC]

Gen.542 *Radulomyces* M.P. Christ.

Radulomyces confluens (Fr.) M.P. Christ. [D:NEC/FER/KOR/JPN]

Radulomyces copelandii (Pat.) Hjortstam & Spooner [D:NEC/FER/KOR/JPN]

Radulomyces licentii (Pilát) Parmasto [D:NEC/FER]

Radulomyces molaris (Chaillet ex Fr.) M.P. Christ. [D:KOR/JPN]

Fam. Sarcomyxaceae Olariaga, Huhtinen, Læssøe, J.H. Petersen & K. Hansen

Gen.543 *Sarcomyxa* P. Karst.

Sarcomyxa edulis (Y.C. Dai, Niemelä & G.F. Qin) T. Saito, Tonouchi & T. Harada [D:NEC/FER/JPN]

Sarcomyxa serotina (Pers.) V. Papp [D:NEC/FER/KOR/JPN]

Fam. Schizophyllaceae Quél.

Gen.544 *Fistulina* Bull.

Fistulina hepatica (Schaeff.) With. [D:KOR/JPN]

Gen.545 *Porodisculus* Murrill

Porodisculus orientalis J.S. Lee & H.S. Jung [D:KOR]

Porodisculus pendulus (Fr.) Murrill [D:NEC/FER/KOR/JPN]

Gen.546 *Schizophyllum* Fr.

Schizophyllum commune Fr. [D:NEC/FER/MNG/KOR/JPN]

Fam. Squamanitaceae Jülich

Gen.547 *Cystoderma* Fayod

Cystoderma amianthinum (Scop.) Fayod [D:NEC/FER/MNG/KOR/JPN]

Cystoderma carcharias (Pers.) Fayod [D:NEC/FER/KOR]

Cystoderma fallax A.H. Sm. & Singer [D:NEC/FER/KOR]

Cystoderma japonicum Thoen & Hongo [D:KOR/JPN]

Cystoderma jasonis (Cooke & Massee) Harmaja [D:FER]

Cystoderma neoamianthinum Hongo [D:JPN]

Cystoderma ossaeiformisporum (S. Imai) S. Ito [D:JPN]

Cystoderma rugosoreticulatum (F. Lorinser) Wasser [D:FER]

Cystoderma tricholomoides Heinem. & Thoen [D:JPN]

Gen.548 *Dissoderma* (A.H. Sm. & Singer) Singer

Dissoderma odoratum (Cool) I. Saar & Thorn [D:JPN]

Gen.549 *Floccularia* Pouzar

Floccularia albolanaripes (G.F. Atk.) Redhead [D:NEC]

Floccularia luteovirens (Alb. & Schwein.) Pouzar [D:NEC/FER]

Gen.550 *Leucopholiota* (Romagn.) O.K. Mill., T.J. Volk & Bessette

Leucopholiota decorosa (Peck) O.K. Mill., T.J. Volk & Bessette [D:NEC/JPN]

Leucopholiota lignicola (P. Karst.) Harmaja [D:NEC/FER/MNG]

Gen.551 *Phaeolepiota* Maire ex Konrad & Maubl.

Phaeolepiota aurea (Bull.) R. Maire ex Konrad & Maubl. [D:NEC/FER/KOR/JPN]

Gen.552 *Squamanita* Imbach

Squamanita umbonata (Sumst.) Bas [D:KOR/JPN]

Squamanita volvatiparva Nagas., Hoshino, Thorn & I. Saar [D:JPN]

Fam. Stephanosporaceae Oberw. & E. Horak

Gen.553 *Cristinia* Parmasto

Cristinia eichleri (Bres.) Nakasone [D:KOR]

Cristinia helvetica (Pers.) Parmasto [D:NEC/FER]

Fam. Strophariaceae Singer & A.H. Sm.

Gen.554 *Agrocybe* Fayod

Agrocybe arvalis (Fr.) Singer [D:FER/KOR/JPN]

Agrocybe dura (Bolton) Singer [D:FER/KOR]

Agrocybe eduardii Kiyashko & E.F. Malysheva [D:NEC]

Agrocybe elatella (P. Karst.) Vesterh. [D:NEC/FER]

Agrocybe farinacea Hongo [D:NEC/KOR/JPN]

Agrocybe firma (Peck) Singer [D:NEC/FER]

Agrocybe humosa (S. Imai) Beker & U. Eberh. [D:JPN]

Agrocybe imaii Beker & U. Eberh. [D:JPN]

Agrocybe media Hongo [D:JPN]

Agrocybe ochracea Nauta [D:MNG]

Agrocybe ombrophila (Weinm.) Konrad & Maubl. [D:JPN]

Agrocybe paludosa (J.E. Lange) Kühner & Romagn. ex Bon [D:NEC/FER/KOR/JPN]

Agrocybe pediades (Fr.) Fayod [D:NEC/FER/MNG/KOR/JPN]

Agrocybe praecox (Pers.) Fayod [D:NEC/FER/MNG/KOR/JPN]

Agrocybe pseudoerebia Har. Takah. [D:JPN]

Agrocybe splendida Clémençon [D:NEC]

Agrocybe tabacina (DC.) Konrad & Maubl. [D:FER]

Gen.555 *Bogbodia* Redhead

Bogbodia uda (Pers.) Redhead [D:FER/JPN]

Gen.556 *Deconica* (W.G. Sm.) P. Karst.

Deconica cokeriana (A.H. Sm. & Hesler) Ram.-Cruz & Cortés-Pérez [D:KOR]

Deconica coprophila (Bull.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Deconica crobula (Fr.) Romagn. [D:FER]

Deconica inquilina (Fr.) Pat. ex Romagn. [D:FER]

Deconica merdaria (Fr.) Noordel. [D:NEC/MNG/KOR/JPN]

Deconica montana (Pers.) P.D. Orton [D:FER/JPN]

Deconica ovispora J.Q. Yan, S.N. Wang & H. Zeng [D:NEC]

Deconica phillipsii (Berk. & Broome) Noordel. [D:FER]

Deconica phyllogena (Sacc.) Noordel. [D:NEC/FER/KOR]

Deconica xeroderma (Huijsman) Noordel. [D:KOR]

Gen.557 *Hypholoma* (Fr.) P. Kumm.

Hypholoma capnoides (Fr.) P. Kumm. [D:NEC/FER/MNG/JPN]

Hypholoma cinnabarinum Teng [D:NEC]

Hypholoma dispersum Quél. [D:FER/JPN]

Hypholoma elongatum (Pers.) Ricken [D:FER/KOR]

Hypholoma epixanthum (Fr.) Quél. [D:FER/JPN]

Hypholoma ericaeoides P.D. Orton [D:FER]

Hypholoma ericaeum (Pers.) Kühner [D:FER]

Hypholoma fasciculare (Huds.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Hypholoma laeticolor (F.H. Møller) P.D. Orton [D:FER]

Hypholoma lateritium (Schaeff.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Hypholoma marginatum J. Schröt. [D:JPN]

Hypholoma myosotis (Fr.) M. Lange [D:FER]

Hypholoma polytrichi (Fr.) Ricken [D:FER/JPN]

Hypholoma stellatum Teng [D:NEC]

Gen.558 *Kuehneromyces* Singer & A.H. Sm.

Kuehneromyces castaneus Hongo [D:JPN]

Kuehneromyces mutabilis (Schaeff.) Singer & A.H. Sm. [D:NEC/FER/KOR/JPN]

Gen.559 *Leratiomyces* Bresinsky & Manfr. Binder ex Bridge, Spooner, Beever & D.C. Park

Leratiomyces squamosus (Pers.) Bridge & Spooner [D:NEC/FER/KOR/JPN]

Gen.560 *Pholiota* (Fr.) P. Kumm.

Pholiota abietis A.H. Sm. & Hesler [D:NEC]

Pholiota abstrusa (Fr.) Singer [D:NEC/JPN]

Pholiota adiposa (Batsch) P. Kumm. [D:NEC/FER/KOR/JPN]

Pholiota aurivella (Batsch) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Pholiota aurivelloides Overh. [D:NEC]

Pholiota bigelowii A.H. Sm. & Hesler [D:NEC]

Pholiota brunnescens A.H. Sm. & Hesler [D:KOR]

Pholiota capocystidia J. Bao Wang [D:NEC]

Pholiota carbonaria (Fr.) Singer [D:NEC/FER/KOR/JPN]

Pholiota conissans (Fr.) M.M. Moser [D:FER/MNG]

Pholiota decorata (Murrill) A.H. Sm. & Hesler [D:NEC]

Pholiota decussata (Fr.) M.M. Moser [D:NEC]

Pholiota discolor Sacc. [D:NEC]

Pholiota elongatipes (Peck) A.H. Sm. & Hesler [D:FER]

Pholiota ferruginea A.H. Sm. & Hesler [D:NEC]

Pholiota flammans (Batsch) P. Kumm. [D:NEC/FER/KOR/JPN]

Pholiota flavida (Schaeff.) Singer [D:FER]

Pholiota fulvella (Peck) A.H. Sm. & Hesler [D:NEC]

Pholiota fulvodisca A.H. Sm. & Hesler [D:NEC]

Pholiota fulvosquamosa Peck [D:FER]

Pholiota fusa (Batsch) Singer [D:FER]

Pholiota granulosa (Peck) A.H. Sm. & Hesler [D:NEC]

Pholiota graveolens (Peck) A.H. Sm. & Hesler [D:NEC]

Pholiota gregariiformis (Murrill) A.H. Sm. & Hesler [D:NEC]

Pholiota gummosa (Lasch) Singer [D:NEC/FER]

Pholiota henningsii (Bres.) P.D. Orton [D:FER]

Pholiota heteroclita (Fr.) Quél. [D:NEC/FER/JPN]

Pholiota hiemalis A.H. Sm. & Hesler [D:NEC]

Pholiota johnsoniana (Peck) G.F. Atk. [D:NEC]

Pholiota langei Singer [D:FER]

Pholiota lenta (Pers.) Singer [D:NEC/FER/KOR/JPN]

Pholiota lignicola (Peck) Jacobsson [D:NEC/FER/JPN]

Pholiota limonella (Peck) Sacc. [D:NEC/FER/KOR/JPN]

Pholiota livistonae S. Ito & S. Imai [D:JPN]

Pholiota lubrica (Pers.) Singer [D:NEC/FER/KOR/JPN]

Pholiota lucifera (Lasch) Quél. [D:FER]

Pholiota lundbergii Jacobsson [D:FER]

Pholiota maackiae Singer [D:FER]

Pholiota malicola (Kauffman) A.H. Sm. [D:JPN]

Pholiota microspora (Berk.) Sacc. [D:NEC/FER/KOR/JPN]

Pholiota multicingulata E. Horak [D:KOR]

Pholiota nameko (T. Itô) S. Ito & S. Imai [D:NEC/JPN]

Pholiota piceina (Murrill) A.H. Sm. & Hesler [D:NEC]

Pholiota polychroa (Berk.) A.H. Sm. & H.J. Brodie [D:FER]

Pholiota populnea (Pers.) Kuyper & Tjall.-Beuk. [D:NEC/FER/JPN]

Pholiota potanini (Kalchbr.) Sacc. [D:NEC]

Pholiota praecellens (Kalchbr.) Sacc. [D:NEC]

Pholiota pseudosiparia A.H. Sm. & Hesler [D:NEC]

Pholiota pusilla Rick [D:NEC]

Pholiota rigidipes Peck [D:NEC/FER]

Pholiota scamba (Fr.) M.M. Moser [D:FER]

Pholiota songjiangensis E.J. Tian & C.Y. Lei [D:NEC]

Pholiota spumosa (Fr.) Singer [D:NEC/FER/KOR/JPN]

Pholiota squarrosa (Vahl) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Pholiota squarrosoadiposa J.E. Lange [D:NEC/FER]

Pholiota squarrosoides (Peck) Sacc. [D:NEC/FER/KOR/JPN]

Pholiota subflavida (Murrill) A.H. Sm. & Hesler [D:NEC]

Pholiota tabacinirugosa S. Ito & S. Imai [D:JPN]

Pholiota terrestris Overh. [D:NEC/FER/KOR/JPN]

Pholiota tomoeae (S. Imai) Beker & U. Eberh. [D:JPN]

Pholiota veris A.H. Sm. & Hesler [D:NEC]

Pholiota vernalis (Sacc.) A.H. Sm. & Hesler [D:FER]

Pholiota vinaceobrunnea A.H. Sm. & Hesler [D:NEC]

Pholiota virescens T. Bau & E.J. Tian [D:NEC]

Pholiota virgata A.H. Sm. & Hesler [D:NEC]

Gen.561 *Protostropharia* Redhead, Moncalvo & Vilgalys

Protostropharia dorsipora (Esteve-Rav. & Barrasa) Redhead [D:NEC]

Protostropharia luteonitens (Fr.) Redhead [D:MNG/JPN]

Protostropharia semiglobata (Batsch) Redhead, Moncalvo & Vilgalys

[D:NEC/FER/MNG/KOR/JPN]

Gen.562 *Pyrrhulomyces* E.J. Tian & Matheny

Pyrrhulomyces astragalinus (Fr.) E.J. Tian & Matheny [D:NEC/FER/KOR/JPN]

Pyrrhulomyces pileocystidiatus Jia H. Huang & E.J. Tian [D:NEC]

Gen.563 *Stropharia* (Fr.) Quél.

Stropharia acanthocystis Cortez & R.M.B. Silveira [D:FER]

Stropharia aeruginosa (Curtis) Quél. [D:NEC/FER/MNG/KOR/JPN]

Stropharia albonitens (Fr.) Quél. [D:NEC]

Stropharia ambigua (Peck) Zeller [D:KOR]

Stropharia bulbosa S. Imai [D:FER/JPN]

Stropharia coronilla (Bull.) Quél. [D:FER/MNG/JPN]

Stropharia halophila Pacioni [D:NEC]

Stropharia hornemannii (Fr.) S. Lundell & Nannf. [D:FER/JPN]

Stropharia inuncta (Fr.) Quél. [D:FER]

Stropharia jilinensis T. Bau & E.J. Tian [D:NEC]

Stropharia lepiotiformis (Cooke & Massee) Sacc. [D:NEC]

Stropharia lignicola E.J. Tian [D:NEC]

Stropharia microaeruginosa J.Z. Xu [D:NEC]

Stropharia pseudocyanea (Desm.) Morgan [D:FER]

Stropharia rugomarginata Zeller & Epling [D:NEC]

Stropharia rugosoannulata Farl. ex Murrill [D:NEC/FER/KOR/JPN]

Stropharia scabella (Zeller) E.J. Tian & Matt Gordon [D:NEC]

Stropharia subrugosoannulata J.Z. Xu [D:NEC]

Fam. Tricholomataceae R. Heim ex Pouzar

Gen.564 *Dermoloma* J.E. Lange ex Herink

Dermoloma cuneifolium (Fr.) Singer ex Bon [D:FER]

Dermoloma josserandii Dennis & P.D. Orton [D:FER]

Gen.565 *Leucopaxillus* Boursier

Leucopaxillus albissimus (Peck) Singer [D:FER]

Leucopaxillus alboalutaceus (F.H. Møller & Jul. Schäff.) F.H. Møller [D:NEC/FER]

Leucopaxillus cerealis (Lasch) Singer [D:FER]

Leucopaxillus gentianeus (Quél.) Kotl. [D:FER]

Leucopaxillus laterarius (Peck) Singer & A.H. Sm. [D:NEC]

Leucopaxillus nauseosodulcis (P. Karst.) Singer & A.H. Sm. [D:FER]

Leucopaxillus paradoxus (Costantin & L.M. Dufour) Boursier [D:FER]

Leucopaxillus tricolor (Peck) Kühner [D:FER/MNG]

Gen.566 *Porpoloma* Singer

Porpoloma boninense (S. Ito & S. Imai) Hongo [D:JPN]

Gen.567 *Pseudobaeospora* Singer

Pseudobaeospora defibulata Singer [D:FER]

Gen.568 *Tricholoma* (Fr.) Staude

Tricholoma acerbum (Bull. ex Pers.) Quél. [D:NEC/FER/JPN]

Tricholoma aestuans (Fr.) Gillet [D:NEC/JPN]

Tricholoma albobrunneum (Pers.) P. Kumm. [D:NEC/KOR/JPN]

Tricholoma alboconicum (J.E. Lange) Clémençon [D:NEC/KOR/JPN]

Tricholoma album (Schaeff.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Tricholoma alpinum W. Aoki & A. Yamada [D:JPN]

Tricholoma argyraceum (Bull.) Gillet [D:NEC]

Tricholoma atrosquamosum Sacc. [D:NEC/FER/MNG/KOR/JPN]

Tricholoma aurantiipes Hongo [D:NEC/KOR/JPN]

Tricholoma aurantium (Schaeff.) Ricken [D:NEC/KOR]

Tricholoma bakamatsutake Hongo [D:NEC/KOR/JPN]

Tricholoma bonii Basso & Candusso [D:NEC]

Tricholoma bufonium (Pers.) Gillet [D:FER]

Tricholoma caligatum (Viv.) Ricken [D:FER/KOR]

Tricholoma cifuentesii Courtec. [D:NEC]

Tricholoma cingulatum (Almfelt ex Fr.) Jacobasch [D:NEC/FER/JPN]

Tricholoma colossus (Fr.) Quél. [D:NEC/FER/KOR/JPN]

Tricholoma columbetta (Fr.) P. Kumm. [D:NEC/JPN]

Tricholoma equestre (L.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Tricholoma focale (Fr.) Ricken [D:FER]

Tricholoma fracticum (Britzelm.) Kreisel [D:NEC]

Tricholoma frondosae Kalamees & Shchukin [D:NEC/FER]

Tricholoma fulvocastaneum Hongo [D:JPN]

Tricholoma fulvum (DC.) Bigeard & H. Guill. [D:NEC/FER/KOR/JPN]

Tricholoma imbricatum (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Tricholoma inamoenum (Fr.) Gillet [D:FER/KOR]

Tricholoma kakishimeji W. Aoki & A. Yamada [D:JPN]

Tricholoma kakishimejioides W. Aoki & A. Yamada [D:JPN]

Tricholoma lascivum (Fr.) Gillet [D:NEC/KOR]

Tricholoma maculatipus Hongo [D:JPN]

Tricholoma magnivelare (Peck) Redhead [D:NEC]

Tricholoma matsushimeji W. Aoki & A. Yamada [D:JPN]

Tricholoma matsutake (S. Ito & S. Imai) Singer [D:NEC/FER/KOR/JPN]

Tricholoma miyama-matsushimeji W. Aoki & A. Yamada [D:JPN]

Tricholoma muscarium Kawam. ex Hongo [D:NEC/KOR/JPN]

Tricholoma olivaceonigrum Ushijima, N. Endo & Nagas. [D:JPN]

Tricholoma orirubens Quél. [D:FER/JPN]

Tricholoma pardinum (Pers.) Quél. [D:NEC/FER/KOR/JPN]

Tricholoma pessundatum (Fr.) Quél. [D:NEC/FER/JPN]

Tricholoma populinum J.E. Lange [D:NEC/FER/JPN]

Tricholoma portentosum (Fr.) Quél. [D:NEC/FER/MNG/JPN]

Tricholoma psammopus (Kalchbr.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Tricholoma radicans Hongo [D:NEC/JPN]

Tricholoma robustum (Alb. & Schwein.) Ricken [D:NEC/KOR/JPN]

Tricholoma saponaceum (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Tricholoma saponaceum var. *saponaceum* (Fr.) P. Kumm. [D:JPN]

Tricholoma scalpturatum (Fr.) Quél. [D:NEC/FER/KOR/JPN]

Tricholoma sciodes (Pers.) C. Martín [D:FER]

Tricholoma sejunctum (Sowerby) Quél. [D:NEC/FER/KOR/JPN]

Tricholoma sinoacerbum T.H. Li, Hosen & Ting Li [D:KOR]

Tricholoma spermaticum (Fr.) Gillet [D:FER]

Tricholoma stans (Fr.) Sacc. [D:KOR]

Tricholoma stiparophyllum (N. Lund) P. Karst. [D:NEC]

Tricholoma striatum (Schaeff.) Quél. [D:JPN]

Tricholoma subacutum Peck [D:NEC]

Tricholoma sudum (Fr.) Quél. [D:FER]

Tricholoma sulphureum (Bull.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Tricholoma sulphureum var. *sulphureum* (Bull.) P. Kumm. [D:KOR]

Tricholoma tenue P.W. Graff [D:NEC]

Tricholoma terreum (Schaeff.) P. Kumm. [D:NEC/FER/MNG/KOR/JPN]

Tricholoma tigrinum (Schaeff.) Gillet [D:NEC]

Tricholoma triste (Scop.) Quél. [D:FER/MNG]

Tricholoma ustale (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Tricholoma ustaloides Romagn. [D:JPN]

Tricholoma vaccinum (Schaeff.) P. Kumm. [D:NEC/FER/KOR/JPN]

Tricholoma virgatum (Fr.) P. Kumm. [D:NEC/FER/KOR/JPN]

Fam. Tubariaceae Vizzini

Gen.569 *Cyclocybe* Velen.

Cyclocybe cylindracea (DC.) Vizzini & Angelini [D:NEC/FER/KOR/JPN]

Cyclocybe erebia (Fr.) Vizzini & Matheny [D:NEC/FER/KOR/JPN]

Cyclocybe erebioides Angelini & Vizzini [D:KOR]

Gen.570 *Flammulaster* Earle

Flammulaster carpophilus (Fr.) Earle ex Vellinga [D:FER]

Flammulaster erinaceellus (Peck) Watling [D:NEC/FER/KOR/JPN]

Flammulaster ferrugineus Maire ex Watling [D:FER]

Flammulaster gracilis (Quél.) Watling [D:FER]

Flammulaster limulatus (Fr.) Watling [D:NEC/FER/JPN]

Flammulaster muricatus (Fr.) Watling [D:FER]

Flammulaster siparius (Fr.) Watling [D:FER]

Flammulaster wieslandri (Fr.) M.M. Moser [D:FER]

Gen.571 *Hemistropharia* Jacobsson & E. Larss.

Hemistropharia albocrenulata (Peck) Jacobsson & E. Larss. [D:NEC/FER/JPN]

Hemistropharia subalbocrenulata Z.B. Zhao & E.J. Tian [D:NEC]

Gen.572 *Phaeomarasmius* Scherff.

Phaeomarasmius borealis Rald [D:FER]

Phaeomarasmius erinaceus (Fr.) Scherff. ex Romagn. [D:FER]

Phaeomarasmius laccarioides Har. Takah. [D:JPN]

Phaeomarasmius proximans (A.H. Sm. & Hesler) Singer [D:KOR]

Phaeomarasmius rimulincola (Rabenh.) Scherff. [D:FER]

Gen.573 *Pleuromyces* Dima, P.-A. Moreau & V. Papp

Pleuromyces fauriei Svet., E.F. Malysheva & Bondarchuk [D:FER]

Gen.574 *Tubaria* (W.G. Sm.) Gillet

Tubaria confragosa (Fr.) Harmaja [D:NEC/JPN]

Tubaria conspersa (Pers.) Fayod [D:NEC/FER/JPN]

Tubaria ferruginea Maire ex E. Horak & P.-A. Moreau [D:FER]

Tubaria furfuracea (Pers.) Gillet [D:NEC/FER/MNG/KOR/JPN]

Tubaria keralensis K.P.D. Latha & Manim. [D:NEC]

Tubaria romagnesiana Arnolds [D:FER]

Tubaria squamata Y. Li & H. Zeng [D:NEC/KOR]

Fam. Typhulaceae Jülich

Gen.575 *Pistillaria* Jeekel, Tuzet, Manier & Jolivet

Pistillaria alba (S. Imai) S. Ito [D:JPN]

Pistillaria petasitis S. Imai [D:NEC/FER/JPN]

Pistillaria quercicola (S. Imai) S. Ito [D:JPN]

Gen.576 *Typhula* (Pers.) Fr.

Typhula anceps P. Karst. [D:FER]

Typhula capitata (Pat.) Berthier [D:FER]

Typhula caricina P. Karst. [D:FER]

Typhula chamaemori L. Holm & K. Holm [D:FER]

Typhula crassipes Fuckel [D:FER]

Typhula culmigena (Mont. & Fr.) Berthier [D:FER]

Typhula erythropus (Pers.) Fr. [D:FER/KOR/JPN]

Typhula fistulosa (Holmsk.) Olariaga [D:FER/MNG/JPN]

Typhula graminum P. Karst. [D:FER]

Typhula incarnata Lasch [D:KOR/JPN]

Typhula ishikariensis S. Imai [D:FER/JPN]

Typhula japonica Terui [D:JPN]

Typhula juncea (Alb. & Schwein.) P. Karst. [D:NEC/FER/JPN]

Typhula lutescens Boud. [D:FER]

Typhula maritima Tam. Hoshino, Takehashi & T. Kasuya [D:FER/JPN]

Typhula micans (Pers.) Berthier [D:FER]

Typhula sclerotioides (Pers.) Fr. [D:FER]

Typhula setipes (Grev.) Berthier [D:FER/KOR]

Typhula spathulata (Corner) Berthier [D:FER]

Typhula subhyalina Courtec. [D:FER]

Typhula subsclerotioides S. Imai [D:JPN]

Typhula tochinaiana (S. Imai) Corner [D:JPN]

Typhula todei (Fr.) Fr. [D:FER]

Typhula uncialis (Grev.) Berthier [D:NEC/FER]

Typhula variabilis Riess [D:FER/JPN]

Typhula vermiculata I. Hino & Katum. [D:JPN]

Ord. Amylocorticiales K.H. Larss., Manfr. Binder & Hibbett

Fam. Amylocorticiaceae Jülich

Gen.577 *Agroathelia* Redhead & Mullineux

Agroathelia rolfsii (Sacc.) Redhead & Mullineux [D:KOR]

Gen.578 *Amylocorticiellum* Spirin & Zmitr.

Amylocorticiellum cremeoisabellinum (Litsch.) Spirin & Zmitr. [D:NEC/MNG]

Gen.579 *Amylocorticium* Pouzar

Amylocorticium subincarnatum (Peck) Pouzar [D:NEC/FER]

Amylocorticium subsulphureum (P. Karst.) Pouzar [D:NEC]

Gen.580 *Amyloxenasma* (Oberw.) Hjortstam & Ryvarden

Amyloxenasma lloydii (Liberta) Hjortstam & Ryvarden [D:FER]

Gen.581 *Anomoloma* Niemelä & K.H. Larss.

Anomoloma albolutescens (Romell) Niemelä & K.H. Larss. [D:NEC/FER]

Anomoloma flavissimum (Niemelä) Niemelä & K.H. Larss. [D:NEC]

Anomoloma myceliosum (Peck) Niemelä & K.H. Larss. [D:NEC]

Gen.582 *Anomoporia* Pouzar

Anomoporia bombycina (Fr.) Pouzar [D:NEC/FER]

Anomoporia kamtschatica (Parmasto) Bondartseva [D:FER]

Anomoporia vesiculosa Y.C. Dai & Niemelä [D:NEC]

Gen.583 *Ceraceomyces* Jülich

Ceraceomyces borealis (Romell) J. Erikss. & Ryvarden [D:NEC]

Ceraceomyces cystidiatus (J. Erikss. & Hjortstam) Hjortstam [D:KOR]

Ceraceomyces sublaevis (Bres.) Jülich [D:NEC/KOR]

Ceraceomyces tessulatus (Cooke) Jülich [D:JPN]

Gen.584 *Plicaturopsis* D.A. Reid

Plicaturopsis crispa (Pers.) D.A. Reid [D:NEC/FER/MNG/KOR/JPN]

Ord. Atheliales Jülich

Fam. Atheliaceae Jülich

Gen.585 *Athelia* Jülich

Athelia bombacina (Link) Pers. [D:KOR]

Athelia decipiens (Höhn. & Litsch.) J. Erikss. [D:NEC/FER]

Athelia fibulata M.P. Christ. [D:NEC/KOR]

Athelia neuhoffii (Bres.) Donk [D:FER/KOR]

Athelia salicum Pers. [D:FER]

Athelia scutellaris (Berk. & M.A. Curtis) Gilb. [D:JPN]

Gen.586 *Fibulomyces* Jülich

Fibulomyces mutabilis (Bres.) Jülich [D:NEC]

Gen.587 *Hypochniciellum* Hjortstam & Ryvarden

Hypochniciellum ovoideum (Jülich) Hjortstam & Ryvarden [D:FER]

Gen.588 *Melzericium* Hauerslev

Melzericium udicola (Bourdot) Hauerslev [D:FER]

Fam. Pilodermataceae Jülich

Gen.589 *Piloderma* Jülich

Piloderma bicolor (Peck) Jülich [D:FER]

Piloderma byssinum (P. Karst.) Jülich [D:KOR]

Fam. Tylosporaceae Jülich

Gen.590 *Amphinema* P. Karst.

Amphinema byssoides (Pers.) J. Erikss. [D:FER/KOR/JPN]

Gen.591 *Tylospora* Donk

Tylospora fibrillosa (Burt) Donk [D:KOR]

Ord. Auriculariales Bromhead

Fam. Auriculariaceae Fr.

Gen.592 *Alloexidiopsis* L.W. Zhou & S.L. Liu

Alloexidiopsis calcea (Pers.) L.W. Zhou & S.L. Liu [D:NEC/FER]

Gen.593 *Auricularia* Bull.

Auricularia americana Parmasto & I. Parmasto ex Audet, Boulet & Sirard [D:NEC/KOR]

Auricularia auricula-judae (Bull.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Auricularia cornea Ehrenb. [D:NEC/FER/KOR/JPN]

Auricularia delicata (Mont. ex Fr.) Henn. [D:NEC/JPN]

Auricularia fuscosuccinea (Mont.) Henn. [D:FER/JPN]

Auricularia heimuer F. Wu, B.K. Cui & Y.C. Dai [D:NEC/KOR/JPN]

Auricularia hispida Iwade [D:NEC/KOR/JPN]

Auricularia mesenterica (Dicks.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Auricularia minor Kobayasi [D:JPN]

Auricularia minutissima Y.C. Dai, F. Wu & Malysheva [D:KOR/JPN]

Auricularia moelleri Lloyd [D:NEC]

Auricularia nigricans (Sw.) Birkebak, Looney & Sánchez-García [D:NEC/FER/KOR/JPN]

Auricularia papyracea Yasuda [D:JPN]

Auricularia reticulata Fr. [D:NEC]

Auricularia submesenterica Y.C. Dai & F. Wu [D:NEC]

Auricularia tenuis (Lév.) Farl. [D:FER]

Auricularia thailandica Bandara & K.D. Hyde [D:JPN]

Auricularia villosula Malysheva [D:NEC/KOR/JPN]

Gen.594 *Eichleriella* Bres.

Eichleriella crocata (Pat.) Spirin & Malysheva [D:NEC]

Eichleriella delicata (Bres.) S.H. He & Nakasone [D:KOR/JPN]

Eichleriella incarnata Bres. [D:NEC/FER]

Eichleriella sinensis (Teng) S.H. He & Nakasone [D:NEC]

Gen.595 *Elmerina* Bres.

Elmerina caryae (Schwein.) D.A. Reid [D:NEC/FER/JPN]

Elmerina cladophora (Berk.) Bres. [D:NEC/KOR]

Elmerina hispida (Imazeki) Y.C. Dai & L.W. Zhou [D:NEC/FER/KOR]

Elmerina holophaea (Pat.) Parmasto [D:NEC/FER/KOR/JPN]

Gen.596 *Exidia* Fr.

Exidia glandulosa (Bull.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Exidia qinghaiensis S.R. Wang & Thorn [D:NEC]

Exidia recisa (Ditmar) Fr. [D:NEC/FER/KOR/JPN]

Exidia reflexa F. Wu, L.F. Fan & S.Y. Ye [D:NEC]

Exidia repanda Fr. [D:FER]

Exidia saccharina Fr. [D:FER/MNG]

Exidia thuretiana (Lév.) Fr. [D:NEC/FER/KOR]

Exidia uvapassa Lloyd [D:NEC/FER/KOR/JPN]

Exidia yadongensis F. Wu, Q. Zhao, Zhu L. Yang & Y.C. Dai [D:NEC]

Gen.597 *Exidiopsis* (Bref.) Möller

Exidiopsis alliciens (Berk. & Cooke) K. Wells [D:FER]

Exidiopsis jianfengensis Y.B. Peng [D:NEC]

Gen.598 *Heterochaete* Pat.

Heterochaete lichenoidea Y.B. Peng & X.W. Hu [D:NEC]

Heterochaete ogasawarasimensis S. Ito & S. Imai [D:NEC/JPN]

Heterochaete tianmuensis Y.B. Peng & X.W. Hu [D:NEC]

Gen.599 *Heteroradulum* Lloyd ex Spirin & Malysheva

Heteroradulum kmetii (Bres.) Spirin & Malysheva [D:FER]

Heteroradulum mussooriense (Bodman) S.H. He, T. Nie & Yue Li [D:NEC]

Gen.600 *Tremellochaete* Raitv.

Tremellochaete japonica (Yasuda) Raitv. [D:NEC/FER/JPN]

Fam. Hyaloriaceae Lindau

Gen.601 *Myxarium* Wallr.

Myxarium boreale T. Bau & Xia Wang [D:NEC]

Myxarium cinnamomescens (Raitv.) Raitv. [D:NEC]

Myxarium crozalsii (Bourdot & Galzin) Spirin & Malysheva [D:NEC]

Myxarium fugacissimum (Bourdot & Galzin) Malysheva & Spirin [D:NEC]

Myxarium nucleatum Wallr. [D:NEC/FER]

Incertae sedis

Gen.602 *Ductifera* Lloyd

Ductifera nigrobrunnea Y.B. Peng [D:NEC]

Gen.603 *Endoperplexa* P. Roberts

Endoperplexa enodulosa (Hauerslev) P. Roberts [D:FER]

Gen.604 *Guepinia* Fr.

Guepinia fissa Berk. [D:NEC/KOR]

Guepinia helvelloides (DC.) Fr. [D:NEC/FER/KOR/JPN]

Guepinia shanxiense L. Fan & Y. Shen [D:NEC]

Gen.605 *Nodulochaete* J.H. Dong & C.L. Zhao

Nodulochaete fissurata J.H. Dong & C.L. Zhao [D:NEC]

Gen.606 *Ofella* Spirin & Malysheva

Ofella glaira (Lloyd) Spirin & Malysheva [D:NEC]

Gen.607 *Protodontia* Höhn.

Protodontia piceicola (Kühner ex Bourdot) G.W. Martin [D:FER]

Gen.608 *Protomerulius* Möller

Protomerulius dubius (Bourdot & Galzin) Spirin & Malysheva [D:NEC]

Gen.609 *Pseudohydnum* P. Karst.

Pseudohydnum candidissimum H.M. Zhou, T. Bau & Jing Si [D:NEC]

Pseudohydnum gelatinosum (Scop.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Pseudohydnum translucens Lloyd [D:NEC]

Ord. Boletales E.-J. Gilbert

Fam. Boletaceae Chevall.

Gen.610 *Amoenoboletus* G. Wu, E. Horak & Zhu L. Yang

Amoenoboletus granulopunctatus (Hongo) G. Wu, E. Horak & Zhu L. Yang [D:KOR/JPN]

Gen.611 *Anthracoporus* Yan C. Li & Zhu L. Yang

Anthracoporus nigropurpureus (Hongo) Yan C. Li & Zhu L. Yang [D:KOR/JPN]

Gen.612 *Aureoboletus* Pouzar

Aureoboletus auriflammeus (Berk. & M.A. Curtis) G. Wu & Zhu L. Yang [D:FER/KOR/JPN]

Aureoboletus betula (Schwein.) M. Kuo & B. Ortiz [D:JPN]

Aureoboletus longicollis (Ces.) N.K. Zeng & Ming Zhang [D:JPN]

Aureoboletus mirabilis (Murrill) Halling [D:JPN]

Aureoboletus moravicus (Václ. Vacek) Klofac [D:KOR]

Aureoboletus russellii (Frost) G. Wu & Zhu L. Yang [D:KOR/JPN]

Aureoboletus shichianus (Teng & L. Ling) G. Wu & Zhu L. Yang [D:KOR/JPN]

Aureoboletus sinobadius Ming Zhang & T.H. Li [D:KOR]

Aureoboletus thibetanus (Pat.) Hongo & Nagas. [D:NEC/KOR/JPN]

Aureoboletus viscidipes (Hongo) G. Wu & Zhu L. Yang [D:KOR/JPN]

Aureoboletus zangii X.F. Shi & P.G. Liu [D:NEC]

Gen.613 *Austroboletus* (Corner) Wolfe

Austroboletus fusisporus (Kawam. ex Imazeki & Hongo) Wolfe [D:KOR/JPN]

Austroboletus gracilis (Peck) Wolfe [D:NEC/FER/KOR/JPN]

Austroboletus subflavidus (Murrill) Wolfe [D:FER]

Austroboletus subvirens (Hongo) Wolfe [D:NEC/KOR/JPN]

Austroboletus tristis (Pat. & C.F. Baker) Wolfe [D:FER]

Gen.614 *Baorangia* G. Wu & Zhu L. Yang

Baorangia alexandri Svetash., Simonini & Vizzini [D:FER]

Baorangia bicolor (Kuntze) G. Wu, Halling & Zhu L. Yang [D:FER]

Baorangia pseudocalopus (Hongo) G. Wu & Zhu L. Yang [D:NEC/KOR/JPN]

Gen.615 *Boletellus* Murrill

Boletellus ananas (M.A. Curtis) Murrill [D:NEC/KOR]

Boletellus badiovinosus E. Horak [D:JPN]

Boletellus chrysenteroides (Snell) Snell [D:KOR/JPN]

Boletellus elatus Nagas. [D:NEC/KOR/JPN]

Boletellus emodensis (Berk.) Singer [D:KOR/JPN]

Boletellus linderi Singer [D:KOR]

Boletellus obscurecoccineus (Höhn.) Singer [D:KOR/JPN]

Boletellus obscurecoccineus var. *obscurecoccineus* (Höhn.) Singer [D:KOR]

Gen.616 *Boletus* L.

Boletus aereus Bull. [D:FER/KOR/JPN]

Boletus alutaceus Morgan [D:JPN]

Boletus astratus Q.B. Wang & Y.J. Yao [D:NEC]

Boletus auripes Peck [D:FER/KOR/JPN]

Boletus bannaensis Har. Takah. [D:JPN]

Boletus bicolor Raddi [D:KOR/JPN]

Boletus citrifragrans W.F. Chiu & M. Zang [D:NEC]

Boletus edulis Bull. [D:NEC/FER/MNG/KOR/JPN]

Boletus flammans E.A. Dick & Snell [D:NEC]

Boletus fuscopunctatus Hongo & Nagas. [D:NEC/JPN]

Boletus generosus Har. Takah. [D:JPN]

Boletus gertrudiae Peck [D:NEC]

Boletus hiratsukae Nagas. [D:FER/KOR/JPN]

Boletus luridellus (Murrill) Murrill [D:FER]

Boletus nigromaculatus (Hongo) Har. Takah. [D:NEC/KOR/JPN]

Boletus odaiensis Hongo [D:NEC/JPN]

Boletus paluster Peck [D:NEC/FER/KOR/JPN]

Boletus pinophilus Pilát & Dermek [D:KOR]

Boletus pseudoluridus Hongo [D:JPN]

Boletus reticulatus Schaeff. [D:NEC/FER/KOR/JPN]

Boletus rhodocarpus Uehara & Har. Takah. [D:JPN]

Boletus sensibilis Peck [D:KOR/JPN]

Boletus speciosus Frost [D:FER/KOR/JPN]

Boletus subcinnamomeus Hongo [D:JPN]

Boletus subfuscus With. [D:JPN]

Boletus subluridellus A.H. Sm. & Thiers [D:NEC]

Boletus tomentososquamulosus Lj.N. Vassiljeva [D:FER]

Boletus umbriniporus Hongo [D:NEC]

Boletus variipes Peck [D:NEC]

Boletus vassilkovii M.M. Nazarova [D:FER]

Boletus violaceofuscus W.F. Chiu [D:NEC/FER/KOR/JPN]

Boletus viridis (Heinem. & Gooss.-Font.) Corner [D:JPN]

Boletus viscidipellis Har. Takah., Degawa & Taneyama [D:JPN]

Boletus yunnanensis W.F. Chiu [D:NEC]

Gen.617 *Buchwaldoboletus* Pilát

Buchwaldoboletus lignicola (Kallenb.) Pilát [D:NEC/FER/KOR]

Buchwaldoboletus parvulus (Natarajan & Purush.) Both & B. Ortiz [D:NEC]

Buchwaldoboletus pseudolignicola (Neda) Both & B. Ortiz [D:JPN]

Buchwaldoboletus xylophilus (Petch) Both & B. Ortiz [D:JPN]

Gen.618 *Butyriboletus* D. Arora & J.L. Frank

Butyriboletus appendiculatus (Schaeff.) D. Arora & J.L. Frank [D:NEC/FER/KOR/JPN]

Butyriboletus cepaeodoratus (Taneyama & Har. Takah.) Vizzini & Gelardi [D:JPN]

Butyriboletus peckii (Frost) Kuan Zhao & Zhu L. Yang [D:JPN]

Butyriboletus pseudoroseoflavus Yang Wang, Bo Zhang & Yu Li [D:NEC]

Butyriboletus regius (Krombh.) D. Arora & J.L. Frank [D:NEC/FER/KOR]

Butyriboletus subregius Yang Wang, Bo Zhang & Yu Li [D:NEC]

Gen.619 *Caloboletus* Vizzini

Caloboletus calopus (Pers.) Vizzini [D:NEC/FER/KOR/JPN]

Caloboletus firmus (Frost) Vizzini [D:NEC]

Caloboletus inedulis (Murrill) Vizzini [D:FER]

Caloboletus panniformis (Taneyama & Har. Takah.) Vizzini [D:JPN]

Caloboletus radicans (Pers.) Vizzini [D:NEC]

Gen.620 *Chalciporus* Bataille

Chalciporus hemichrysus (Berk. & M.A. Curtis) F. Roqué [D:FER]

Chalciporus piperatus (Bull.) Bataille [D:NEC/FER/MNG/KOR/JPN]

Chalciporus radiatus Ming Zhang & T.H. Li [D:NEC]

Chalciporus rubinus (W.G. Sm.) Singer [D:FER]

Chalciporus sphaerocephalus (Barla) F. Roqué [D:FER]

Gen.621 *Chamonixia* Rolland

Chamonixia caespitosa Rolland [D:JPN]

Gen.622 *Chiua* Yan C. Li & Zhu L. Yang

Chiua olivaceoreticulata Yan C. Li & Zhu L. Yang [D:NEC/KOR]

Chiua virens (W.F. Chiu) Yan C. Li & Zhu L. Yang [D:FER/KOR/JPN]

Gen.623 *Crocinoboletus* N.K. Zeng, Zhu L. Yang & G. Wu

Crocinoboletus laetissimus (Hongo) N.K. Zeng, Zhu L. Yang & G. Wu [D:NEC/KOR/JPN]

Gen.624 *Cyanoboletus* Gelardi, Vizzini & Simonini

Cyanoboletus pulverulentus (Opat.) Gelardi, Vizzini & Simonini [D:NEC/FER/KOR/JPN]

Cyanoboletus viscidiceps Yang Wang, G. Rao, B. Zhang & Yu Li [D:NEC]

Gen.625 *Exsudoporus* Vizzini, Simonini & Gelardi

Exsudoporus floridanus (Singer) Vizzini, Simonini & Gelardi [D:JPN]

Exsudoporus ruber (M. Zang) Gelardi, Biketova & Vizzini [D:JPN]

Gen.626 *Fistulinella* Henn.

Fistulinella nana (Massee) E. Horak [D:JPN]

Gen.627 *Harrya* Halling, Nuhn & Osmundson

Harrya chromipes (Frost) Halling, Nuhn, Osmundson & Manfr. Binder [D:NEC/FER/KOR/JPN]

Gen.628 *Heimioporus* E. Horak

Heimioporus japonicus (Hongo) E. Horak [D:KOR/JPN]

Heimioporus retisporus (Pat. & C.F. Baker) E. Horak [D:NEC]

Gen.629 *Heliogaster* Orihara & K. Iwase

Heliogaster columellifer (Kobayasi) Orihara & K. Iwase [D:JPN]

Gen.630 *Hemileccinum* Šutara

Hemileccinum hortonii (A.H. Sm. & Thiers) M. Kuo & B. Ortiz [D:NEC/KOR/JPN]

Hemileccinum impolitum (Fr.) Šutara [D:NEC/FER/KOR]

Hemileccinum subglabripes (Peck) Halling [D:NEC/KOR/JPN]

Gen.631 *Hongoboletus* G. Wu & Zhu L. Yang

Hongoboletus ventricosus (Taneyama & Har. Takah.) G. Wu & Zhu L. Yang [D:JPN]

Gen.632 *Hortiboletus* Simonini, Vizzini & Gelardi

Hortiboletus amygdalinus Xue T. Zhu & Zhu L. Yang [D:KOR]

Hortiboletus rubellus (Krombh.) Simonini, Vizzini & Gelardi [D:NEC/FER/KOR/JPN]

Gen.633 *Hourangia* Xue T. Zhu & Zhu L. Yang

Hourangia densisquamata N.K. Zeng, Yi Wang & Zhi Q. Liang [D:KOR]

Hourangia nigropunctata (W.F. Chiu) Xue T. Zhu & Zhu L. Yang [D:NEC/KOR]

Gen.634 *Imleria* Vizzini

Imleria badia (Fr.) Vizzini [D:NEC/FER]

Imleria obscurebrunnea (Hongo) Xue T. Zhu & Zhu L. Yang [D:NEC/JPN]

Imleria parva Xue T. Zhu & Zhu L. Yang [D:NEC]

Gen.635 *Krombholzia* P. Karst.

Krombholzia scabra var. *roseofracta* Singer [D:FER]

Gen.636 *Lanmaoa* G. Wu & Zhu L. Yang

Lanmaoa asiatica G. Wu & Zhu L. Yang [D:NEC]

Gen.637 *Leccinellum* Bresinsky & Manfr. Binder

Leccinellum albellum (Peck) Bresinsky & Manfr. Binder [D:NEC]

Leccinellum crocipodium (Letell.) Della Magg. & Trassin. [D:NEC/JPN]

Leccinellum griseum (Quél.) Bresinsky & Manfr. Binder [D:NEC/KOR/JPN]

Leccinellum pseudoscabrum (Kallenb.) Mikšík [D:NEC/FER]

Leccinellum rhodoporosum (Har. Takah.) Har. Takah. [D:JPN]

Leccinellum rugosiceps (Peck) C. Hahn [D:KOR]

Gen.638 *Leccinum* Gray

Leccinum albostipitatum den Bakker & Noordel. [D:FER]

Leccinum ambiguum A.H. Sm. & Thiers [D:NEC]

Leccinum arctoi Vassilkov [D:FER]

Leccinum aurantiacum (Bull.) Gray [D:NEC/FER/MNG/KOR/JPN]

Leccinum duriusculum (Schulzer ex Kalchbr.) Singer [D:NEC/FER/JPN]

Leccinum extremiorientale (Lj.N. Vassiljeva) Singer [D:NEC/FER/KOR/JPN]

Leccinum holopus (Rostk.) Watling [D:NEC/FER/MNG/KOR/JPN]

Leccinum insigne A.H. Sm., Thiers & Watling [D:NEC]

Leccinum intusrubens (Corner) Høil. [D:NEC/JPN]

Leccinum melaneum (Smotl.) Pilát & Dermek [D:FER]

Leccinum scabrum (Bull.) Gray [D:NEC/FER/MNG/KOR/JPN]

Leccinum schistophilum Bon [D:FER]

Leccinum subleucophaeum E.A. Dick & Snell [D:JPN]

Leccinum subradicatum Hongo [D:KOR/JPN]

Leccinum variicolor Watling [D:NEC/FER/JPN]

Leccinum versipelle (Fr.) Snell [D:NEC/FER/MNG/KOR/JPN]

Gen.639 *Mucilopilus* Wolfe

Mucilopilus castaneiceps (Hongo) Hid. Takah. [D:NEC/KOR/JPN]

Gen.640 *Neoboletus* Gelardi, Simonini & Vizzini

Neoboletus erythropus (Pers.) C. Hahn [D:NEC/FER/KOR]

Neoboletus flavidus (G. Wu & Zhu L. Yang) N.K. Zeng, Hui Chai & Zhi Q. Liang [D:NEC]

Neoboletus junquilleus (Quél.) Gelardi, Simonini & Vizzini [D:FER]

Neoboletus luridiformis (Rostk.) Gelardi, Simonini & Vizzini [D:FER/JPN]

Neoboletus obscureumbrinus (Hongo) N.K. Zeng, Hui Chai & Zhi Q. Liang [D:NEC/JPN]

Neoboletus praestigiator (R. Schulz) Svetash., Gelardi, Simonini & Vizzini [D:NEC]

Neoboletus subvelutipes (Peck) Yang Wang, B. Zhang & Yu Li [D:NEC/KOR/JPN]

Gen.641 *Neoporphyrellus* Y.C. Li, Jin Li, Halling, Osmundson & Zhu L. Yang

Neoporphyrellus alboater (Schwein.) Y.C. Li, Jin Li, Halling, Osmundson & Zhu L. Yang [D:NEC/FER/KOR/JPN]

Gen.642 *Octaviania* Vittad.

Octaviania tenuipes Orihara [D:JPN]

Octaviania tomentosa Orihara [D:JPN]

Gen.643 *Parvixerocomus* G. Wu & Zhu L. Yang

Parvixerocomus aokii (Hongo) G. Wu, N.K. Zeng & Zhu L. Yang [D:NEC/JPN]

Gen.644 *Phylloporus* Quél.

Phylloporus bellus (Massee) Corner [D:NEC/KOR/JPN]

Phylloporus brunneiceps N.K. Zeng, Zhu L. Yang & L.P. Tang [D:KOR]

Phylloporus cyanescens (Corner) M.A. Neves & Halling [D:KOR/JPN]

Phylloporus pelletieri (Lév.) Quél. [D:JPN]

Phylloporus rhodoxanthus (Schwein.) Bres. [D:NEC/JPN]

Gen.645 *Porphyrellus* E.-J. Gilbert

Porphyrellus fumosipes (Peck) Snell [D:KOR/JPN]

Porphyrellus pacificus (Wolfe) Singer, J. García & L.D. Gómez [D:JPN]

Porphyrellus porphyrosporus (Fr.) E.-J. Gilbert [D:NEC/FER/JPN]

Porphyrellus pseudoscaber Secr. ex Singer [D:KOR]

Gen.646 *Pseudoaustroboletus* Yan C. Li & Zhu L. Yang

Pseudoaustroboletus valens (Corner) Yan C. Li & Zhu L. Yang [D:NEC/JPN]

Gen.647 *Pseudoboletus* Šutara

Pseudoboletus astraeicola (Imazeki) Šutara [D:KOR/JPN]

Pseudoboletus parasiticus (Bull.) Šutara [D:NEC]

Gen.648 *Pulveroboletus* Murrill

Pulveroboletus brunneoscabrosus Har. Takah. [D:JPN]

Pulveroboletus macrosporus G. Wu & Zhu L. Yang [D:NEC]

Pulveroboletus ravenelii (Berk. & M.A. Curtis) Murrill [D:NEC/FER/KOR/JPN]

Pulveroboletus sinapicolor (Corner) E. Horak [D:NEC/JPN]

Gen.649 *Retiboletus* Manfr. Binder & Bresinsky

Retiboletus griseus (Frost) Manfr. Binder & Bresinsky [D:NEC/FER/KOR/JPN]

Retiboletus nigerrimus (R. Heim) Manfr. Binder & Bresinsky [D:NEC/KOR/JPN]

Retiboletus ornatipes (Peck) Manfr. Binder & Bresinsky [D:NEC/FER/KOR/JPN]

Retiboletus retipes (Berk. & M.A. Curtis) Manfr. Binder & Bresinsky [D:NEC/FER]

Retiboletus sinogriseus Yan C. Li & T. Bau [D:NEC]

Gen.650 *Rheubarbariboletus* Vizzini, Simonini & Gelardi

Rheubarbariboletus armeniacus (Quél.) Vizzini, Simonini & Gelardi [D:FER]

Gen.651 *Rossbeevera* T. Lebel & Orihara

Rossbeevera mucosa (Petri) T. Lebel, Orihara & N. Maek. [D:JPN]

Gen.652 *Rubinoboletus* Pilát & Dermek

Rubinoboletus balloui (Peck) Heinem. & Rammeloo [D:KOR/JPN]

Rubinoboletus balloui var. *fuscatus* (Corner) Heinem. & Rammeloo [D:JPN]

Rubinoboletus monstrosus Har. Takah. [D:JPN]

Gen.653 *Rubroboletus* Kuan Zhao & Zhu L. Yang

Rubroboletus dupainii (Boud.) Kuan Zhao & Zhu L. Yang [D:FER/KOR]

Rubroboletus rhodoxanthus (Krombh.) Kuan Zhao & Zhu L. Yang [D:FER]

Rubroboletus satanas (Lenz) Kuan Zhao & Zhu L. Yang [D:NEC/FER/JPN]

Gen.654 *Rugiboletus* G. Wu & Zhu L. Yang

Rugiboletus extremiorientalis (Lj.N. Vassiljeva) G. Wu & Zhu L. Yang [D:NEC/FER]

Gen.655 *Strobilomyces* Berk.

Strobilomyces confusus Singer [D:NEC/KOR/JPN]

Strobilomyces hongoi Hirot. Sato [D:JPN]

Strobilomyces mirandus Corner [D:JPN]

Strobilomyces nigricans Berk. [D:NEC]

Strobilomyces pteroreticulosporus Antonín & Vizzini [D:KOR]

Strobilomyces seminudus Hongo [D:NEC/JPN]

Strobilomyces strobilaceus (Scop.) Berk. [D:NEC/FER/KOR/JPN]

Strobilomyces verruculosus Hirot. Sato [D:JPN]

Gen.656 *Suillellus* Murrill

Suillellus gansuensis (Q.B. Wang, T.H. Li & Y.J. Yao) G. Wu & Zhu L. Yang [D:NEC]

Suillellus luridus (Schaeff.) Murrill [D:NEC/FER/KOR/JPN]

Suillellus pictiformis Murrill [D:KOR/JPN]

Suillellus queletii (Schulzer) Vizzini, Simonini & Gelardi [D:NEC/FER/KOR]

Suillellus yunnanensis G. Wu & Zhu L. Yang [D:NEC]

Gen.657 *Sutorius* Halling, Nuhn & N.A. Fechner

Sutorius brunneissimus (W.F. Chiu) G. Wu & Zhu L. Yang [D:JPN]

Sutorius eximius (Peck) Halling, Nuhn & Osmundson [D:NEC/JPN]

Sutorius venenatus (Nagas.) G. Wu & Zhu L. Yang [D:JPN]

Gen.658 *Tengioboletus* G. Wu & Zhu L. Yang

Tengioboletus glutinosus G. Wu & Zhu L. Yang [D:KOR]

Tengioboletus reticulatus G. Wu & Zhu L. Yang [D:NEC/KOR]

Tengioboletus subglutinosus Yang Wang, Bo Zhang & Yu Li [D:NEC]

Gen.659 *Tylopilus* P. Karst.

Tylopilus alkalixanthus Halling & Amtoft [D:JPN]

Tylopilus alutaceoumbrinus Hongo [D:JPN]

Tylopilus areolatus (Berk.) Henn. [D:NEC/KOR/JPN]

Tylopilus argillaceus Hongo [D:JPN]

Tylopilus atrobrunneus (Lj.N. Vassiljeva) Wolfe [D:FER]

Tylopilus balloui (Peck) Singer [D:FER]

Tylopilus castanoides Har. Takah. [D:JPN]

Tylopilus eximius (Peck) Singer [D:KOR/JPN]

Tylopilus felleus (Bull.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Tylopilus ferrugineus (Kuntze) Singer [D:KOR/JPN]

Tylopilus fuligineoviolaceus Har. Takah. [D:NEC]

Tylopilus himalayanus D. Chakr., K. Das & Vizzini [D:NEC/KOR]

Tylopilus neofelleus Hongo [D:NEC/KOR/JPN]

Tylopilus obscureviolaceus Har. Takah. [D:JPN]

Tylopilus otsuensis Hongo [D:JPN]

Tylopilus peralbidus (Snell & Beardslee) Murrill [D:FER]

Tylopilus plumbeoviolaceus (Snell & E.A. Dick) Snell & E.A. Dick [D:NEC/FER/JPN]

Tylopilus rigens Hongo [D:JPN]

Tylopilus rubrobrunneus Mazzer & A.H. Sm. [D:FER]

Tylopilus rugulosoreticulatus Hongo [D:JPN]

Tylopilus tabacinus (Peck) Singer [D:NEC]

Tylopilus vinosobrunneus Hongo [D:NEC/KOR/JPN]

Tylopilus violatinctus T.J. Baroni & Both [D:FER]

Tylospora asterophora (Bonord.) Donk [D:FER]

Gen.660 *Xanthoconium* Singer

Xanthoconium affine (Peck) Singer [D:NEC/KOR/JPN]

Xanthoconium separans (Peck) Halling & Both [D:NEC]

Gen.661 *Xerocomellus* Šutara

Xerocomellus chrysenteron (Bull.) Šutara [D:NEC/FER/KOR/JPN]

Xerocomellus fuscoscabrosus Yang Wang, B. Zhang & Yu Li [D:NEC]

Xerocomellus inflatus Yang Wang, B. Zhang & Yu Li [D:NEC]

Xerocomellus persicolor (H. Engel, Klofac, H. Grünert & R. Grünert) F. Roqué [D:FER]

Xerocomellus porosporus (Imler ex Watling) Šutara [D:NEC/KOR]

Xerocomellus pruinatus (Fr.) Šutara [D:KOR]

Xerocomellus zelleri (Murrill) Klofac [D:JPN]

Gen.662 *Xerocomus* Quél.

Xerocomus albotomentosus N.K. Zeng, H.J. Xie, Chang Xu & Zhi Q. Liang [D:NEC]

Xerocomus ferrugineus (Schaeff.) Alessio [D:NEC/FER/JPN]

Xerocomus fulvipes Xue T. Zhu & Zhu L. Yang [D:NEC]

Xerocomus heterocystides J.Z. Ying [D:NEC]

Xerocomus morrisii (Peck) M. Zang [D:NEC]

Xerocomus parvulus Hongo [D:KOR/JPN]

Xerocomus rubellus Quél. [D:NEC/FER]

Xerocomus subparvus Xue T. Zhu & Zhu L. Yang [D:KOR]

Xerocomus subtomentosus (L.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Fam. Boletinellaceae P.M. Kirk, P.F. Cannon & J.C. David

Gen.663 *Boletinellus* Murrill

Boletinellus merulioides (Schwein.) Murrill [D:NEC/FER/JPN]

Fam. Calostomataceae E. Fisch.

Gen.664 *Calostoma* Desv.

Calostoma cinnabarinum Desv. [D:FER]

Calostoma japonicum Henn. [D:NEC/FER/KOR/JPN]

Calostoma junghuhnii (Schltdl. & Müll. Berol.) Massee [D:JPN]

Calostoma miniatum M. Zang [D:NEC]

Calostoma ravenelii (Berk.) Massee [D:NEC/KOR/JPN]

Calostoma variispora B. Liu, Z.Y. Li & Du [D:NEC]

Fam. Coniophoraceae Ulbr.

Gen.665 *Coniophora* DC.

Coniophora arida (Fr.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Coniophora fusispora (Cooke & Ellis) Cooke [D:NEC/FER/JPN]

Coniophora olivacea (Fr.) P. Karst. [D:NEC/FER/MNG/JPN]

Coniophora puteana (Schumach.) P. Karst. [D:NEC/FER/MNG/JPN]

Gen.666 *Gyrodontium* Pat.

Gyrodontium sacchari (Spreng.) Hjortstam [D:NEC/KOR/JPN]

Gen.667 *Penttilamyces* Zmitr., Kalinovskaya & Myasnikov

Penttilamyces olivascens (Berk. & M.A. Curtis) Zmitr., Kalinovskaya & Myasnikov [D:JPN]

Fam. Diplocystidiaceae Kreisel

Gen.668 *Astraeus* Morgan

Astraeus hygrometricus (Pers.) Morgan [D:NEC/FER/KOR/JPN]

Astraeus koreanus (V.J. Staněk) Kreisel [D:JPN]

Astraeus pteridis (Shear) Zeller [D:NEC]

Astraeus ryoocheoninii Ryoo [D:KOR]

Fam. Gomphidiaceae Maire ex Jülich

Gen.669 *Chroogomphus* (Singer) O.K. Mill.

Chroogomphus confusus Yan C. Li & Zhu L. Yang [D:NEC]

Chroogomphus helveticus (Singer) M.M. Moser [D:FER/KOR]

Chroogomphus purpurascens (Lj.N. Vassiljeva) M.M. Nazarova [D:NEC/FER]

Chroogomphus roseolus Yan C. Li & Zhu L. Yang [D:NEC]

Chroogomphus rutilus (Schaeff.) O.K. Mill. [D:NEC/FER/MNG/KOR/JPN]

Chroogomphus sibiricus (Singer) O.K. Mill. [D:FER]

Chroogomphus tomentosus (Murrill) O.K. Mill. [D:NEC/FER/KOR/JPN]

Chroogomphus vinicolor (Peck) O.K. Mill. [D:KOR]

Gen.670 *Gomphidius* Fr.

Gomphidius albipes Yu Li & L.L. Qi [D:NEC]

Gomphidius flavipes Peck [D:FER]

Gomphidius glutinosus (Schaeff.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Gomphidius maculatus (Scop.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Gomphidius roseus (Fr.) Oudem. [D:NEC/FER/MNG/KOR/JPN]

Gomphidius subroseus Kauffman [D:NEC/KOR]

Fam. Gyroporaceae Manfr. Binder & Bresinsky

Gen.671 *Gyroporus* Quél.

Gyroporus castaneus (Bull.) Quél. [D:NEC/FER/KOR/JPN]

Gyroporus cyanescens (Bull.) Quél. [D:NEC/FER/KOR/JPN]

Gyroporus longicystidiatus Nagas. & Hongo [D:NEC/KOR/JPN]

Gyroporus punctatus Lj.N. Vassiljeva [D:FER/JPN]

Gyroporus purpurinus Singer ex Davoodian & Halling [D:NEC/KOR]

Fam. Hygrophoropsidaceae Kühner

Gen.672 *Hygrophoropsis* (J. Schröt.) Maire ex Martin-Sans

Hygrophoropsis aurantiaca (Wulfen) Maire ex Martin-Sans [D:NEC/FER/MNG/KOR/JPN]

Hygrophoropsis zambiensis Blanco-Dios [D:KOR/JPN]

Gen.673 *Leucogyrophana* Pouzar

Leucogyrophana mollusca (Fr.) Pouzar [D:NEC/FER/KOR/JPN]

Leucogyrophana pseudomollusca (Parmasto) Parmasto [D:KOR]

Fam. Paxillaceae Lotsy

Gen.674 *Alpova* C.W. Dodge

Alpova fujisanensis A. Ishik., E. Fujii & K. Nara [D:JPN]

Alpova japonicus A. Ishik., Hir. Sasaki & K. Nara [D:JPN]

Alpova venosus A. Ishik., Hir. Sasaki & K. Nara [D:JPN]

Gen.675 *Gyrodon* Opat.

Gyrodon lividus (Bull.) Sacc. [D:NEC/FER/JPN]

Gen.676 *Hydnomerulius* Jarosch & Besl

Hydnomerulius pinastri (Fr.) Jarosch & Besl [D:FER]

Gen.677 *Melanogaster* Corda

Melanogaster fusisporus Y. Wang [D:NEC]

Melanogaster tuberiformis Corda [D:KOR]

Gen.678 *Paxillus* Fr.

Paxillus cuprinus Jargeat, Gryta, J.-P. Chaumeton & Vizzini [D:NEC]

Paxillus involutus (Batsch) Fr. [D:NEC/FER/KOR/JPN]

Paxillus rubicundulus P.D. Orton [D:JPN]

Fam. Rhizopogonaceae Gäum. & C.W. Dodge

Gen.679 *Rhizopogon* Fr.

Rhizopogon aestivus (Wulfen) Fr. [D:NEC/FER/JPN]

Rhizopogon alpinus T. Koizumi & K. Nara [D:JPN]

Rhizopogon laricinus Y. Miyam. & Maximov [D:FER]

Rhizopogon lucidus T. Koizumi & K. Nara [D:JPN]

Rhizopogon luteolus Fr. [D:NEC/JPN]

Rhizopogon nigrescens Coker & Couch [D:JPN]

Rhizopogon obtextus (Spreng.) R. Rauschert [D:JPN]

Rhizopogon piceus Berk. & M.A. Curtis [D:NEC]

Rhizopogon pseudoroseolus A.H. Sm. [D:JPN]

Rhizopogon roseolus (Corda) Th. Fr. [D:FER/KOR/JPN]

Rhizopogon succosus A.H. Sm. [D:JPN]

Rhizopogon superiorensis A.H. Sm. [D:JPN]

Rhizopogon yakushimensis Y. Sugiy., M. Murata & K. Nara [D:JPN]

Fam. Sclerodermataceae Corda

Gen.680 *Pisolithus* Alb. & Schwein.

Pisolithus arhizus (Scop.) Rauschert [D:NEC/FER/KOR/JPN]

Pisolithus tinctorius (Mont.) E. Fisch. [D:NEC/MNG/KOR/JPN]

Gen.681 *Scleroderma* Pers.

Scleroderma albidum Pat. & Trab. [D:JPN]

Scleroderma areolatum Ehrenb. [D:NEC/KOR/JPN]

Scleroderma bovista Fr. [D:FER/KOR/JPN]

Scleroderma cepa Pers. [D:NEC/FER/KOR/JPN]

Scleroderma chrysastrum G.W. Martin [D:JPN]

Scleroderma citrinum Pers. [D:NEC/FER/KOR/JPN]

Scleroderma dictyosporum Pat. [D:JPN]

Scleroderma flavidum Ellis & Everh. [D:KOR/JPN]

Scleroderma furfuraceum Rebriev & Zvyagina [D:FER]

Scleroderma laeve Lloyd [D:KOR/JPN]

Scleroderma nastii Raut [D:KOR]

Scleroderma nitidum Berk. [D:JPN]

Scleroderma poltaviense [D:FER]

Scleroderma poltaviense Sosin [D:NEC]

Scleroderma polyrhizum (J.F. Gmel.) Pers. [D:NEC/JPN]

Scleroderma radicans Lloyd [D:JPN]

Scleroderma reae Guzmán [D:JPN]

Scleroderma sapidum (Corda) Zerova [D:FER]

Scleroderma sinnamariense Mont. [D:JPN]

Scleroderma tenerum Berk. & M.A. Curtis [D:NEC]

Scleroderma venenatum Y.Zhe Zhang, C.Y. Sun & Hai J. Li [D:NEC/FER]

Scleroderma verrucosum (Bull.) Pers. [D:FER/KOR/JPN]

Fam. Serpulaceae Jarosch & Bresinsky

Gen.682 *Meruliporia* Murrill

Meruliporia pulverulenta (Sowerby) Zmitr., Kalinovskaya & Myasnikov [D:JPN]

Gen.683 *Serpula* (Pers.) Gray

Serpula himantioides (Fr.) P. Karst. [D:NEC/FER/MNG/JPN]

Serpula lacrymans (Wulfen) J. Schröt. [D:NEC/FER/MNG/KOR/JPN]

Fam. Suillaceae Besl & Bresinsky

Gen.684 *Boletinus* Kalchbr.

Boletinus asiaticus Singer [D:NEC/FER/MNG/JPN]

Boletinus cavipes (Klotzsch) Kalchbr. [D:NEC/FER/MNG/KOR/JPN]

Boletinus glandulosus Peck [D:FER]

Boletinus grisellus Peck [D:NEC/FER]

Boletinus oxydabilis Singer [D:FER]

Boletinus spectabilis (Peck) Murrill [D:NEC/FER/MNG/JPN]

Boletinus subspectabilis Vassilkov [D:FER]

Gen.685 *Ixocomus* Quél.

Ixocomus abietinus Lj.N. Vassiljeva [D:FER]

Gen.686 *Psiloboletinus* Singer

Psiloboletinus lariceti (Singer) Singer [D:NEC/FER/MNG]

Gen.687 *Suillus* Gray

Suillus abietinus Pantidou & Watling [D:FER]

Suillus acidus (Peck) Singer [D:FER]

Suillus albidipes (Peck) Singer [D:FER]

Suillus amabilis (Peck) Singer [D:NEC]

Suillus americanus (Peck) Snell [D:NEC/FER/MNG/KOR/JPN]

Suillus aurihymenius X.F. Shi & P.G. Liu [D:FER]

Suillus bovinus (L.) Roussel [D:NEC/FER/MNG/KOR/JPN]

Suillus bresadolae (Quél.) Gerhold [D:FER]

Suillus flavidus (Fr.) J. Presl [D:NEC/FER/MNG]

Suillus flavus (Quél.) Singer [D:FER/JPN]

Suillus granulatus (L.) Roussel [D:NEC/FER/MNG/KOR/JPN]

Suillus grevillei (Klotzsch) Singer [D:NEC/FER/MNG/KOR/JPN]

Suillus kovalenkoi Zvyagina & Sazanova [D:FER]

Suillus luteus (L.) Roussel [D:NEC/FER/MNG/KOR/JPN]

Suillus ochraceoroseus (Snell) Singer [D:NEC]

Suillus orientalis Y. Miyam., Tamai & A. Yamada [D:JPN]

Suillus pinetorum (W.F. Chiu) H. Engel & Klofac [D:NEC]

Suillus placidus (Bonord.) Singer [D:NEC/FER/KOR/JPN]

Suillus plorans (Rolland) Kuntze [D:NEC/FER]

Suillus punctatipes (Snell & E.A. Dick) Singer [D:JPN]

Suillus punctipes (Peck) Singer [D:FER/JPN]

Suillus spraguei (Berk. & M.A. Curtis) Kuntze [D:NEC/FER/KOR/JPN]

Suillus subaureus (Peck) Snell [D:NEC/FER/JPN]

Suillus subluteus (Peck) Snell [D:NEC/FER/KOR/JPN]

Suillus tomentosus Singer, Snell & E.A. Dick [D:NEC/FER/KOR/JPN]

Suillus tridentinus (Bres.) Singer [D:FER/MNG]

Suillus variegatus (Sw.) Richon & Roze [D:NEC/FER/MNG]

Suillus viscidus (L.) Roussel [D:NEC/FER/MNG/KOR/JPN]

Fam. Tapinellaceae C. Hahn

Gen.688 *Bondarcevomyces* Parmasto

Bondarcevomyces taxi (Bondartsev) Parmasto [D:FER]

Gen.689 *Pseudomerulius* Jülich

Pseudomerulius aureus (Fr.) Jülich [D:NEC/FER/KOR/JPN]

Pseudomerulius curtisii (Berk.) Redhead & Ginns [D:NEC/FER/KOR/JPN]

Gen.690 *Tapinella* E.-J. Gilbert

Tapinella atrotomentosa (Batsch) Šutara [D:NEC/FER/KOR/JPN]

Tapinella corrugata (G.F. Atk.) E.-J. Gilbert [D:NEC]

Tapinella panuoides (Fr.) E.-J. Gilbert [D:NEC/FER/KOR/JPN]

Ord. Cantharellales Gäum.

Fam. Botryobasidiaceae Jülich

Gen.691 *Botryobasidium* Donk

Botryobasidium aureum Parmasto [D:KOR]

Botryobasidium bondarcevii (Parmasto) G. Langer [D:FER]

Botryobasidium candicans J. Erikss. [D:MNG]

Botryobasidium conspersum J. Erikss. [D:KOR]

Botryobasidium indicum (P.N. Singh & S.K. Singh) R. Kirschner & G. Langer [D:NEC]

Botryobasidium isabellinum (Fr.) D.P. Rogers [D:FER/KOR]

Botryobasidium medium J. Erikss. [D:FER/KOR]

Botryobasidium obtusisporum J. Erikss. [D:KOR]

Botryobasidium subcoronatum (Höhn. & Litsch.) Donk [D:FER/KOR]

Botryobasidium vagum (Berk. & M.A. Curtis) D.P. Rogers [D:NEC/KOR]

Fam. Cejpomycetaceae Jülich

Gen.692 *Rhizoctonia* DC.

Rhizoctonia cornigera (Bourdot) Zmitr. [D:KOR]

Rhizoctonia fragariae S.S. Husain & W.E. McKeen [D:KOR]

Rhizoctonia setariae (Sawada) R.P. O'Donnell, C.C. Linde & T.W. May [D:KOR]

Rhizoctonia solani J.G. Kühn [D:KOR/JPN]

Fam. Hydnaceae Chevall.

Gen.693 *Cantharellus* Adans. ex Fr.

Cantharellus albovenosus Buyck, Antonín & Ryoo [D:KOR]

Cantharellus anzutake W. Ogawa, N. Endo, M. Fukuda & A. Yamada [D:JPN]

Cantharellus applanatus D. Kumari, Ram. Upadhyay & Mod.S. Reddy [D:KOR]

Cantharellus atrolilacinus Eyssart., Buyck & Halling [D:JPN]

Cantharellus behringensis Berk. & M.A. Curtis [D:FER]

Cantharellus carneoflavus Corner [D:NEC]

Cantharellus cibarius Fr. [D:NEC/FER/MNG/KOR/JPN]

Cantharellus cinnabarinus (Schwein.) Schwein. [D:NEC/KOR/JPN]

Cantharellus citrinus Buyck, Ryoo & Antonín [D:KOR]

Cantharellus curvatus Buyck, Ryoo & Antonín [D:NEC/KOR]

Cantharellus ferruginascens P.D. Orton [D:NEC/KOR]

Cantharellus friesii Quél. [D:FER/KOR]

Cantharellus hainanensis N.K. Zeng, Zhi Q. Liang & S. Jiang [D:KOR]

Cantharellus koreanus Buyck, Antonín & Ryoo [D:KOR]

Cantharellus lateritius (Berk.) Singer [D:NEC/FER/KOR/JPN]

Cantharellus minor Peck [D:NEC/KOR/JPN]

Cantharellus odoratus (Schwein.) Fr. [D:NEC/JPN]

Cantharellus omphalinoides Corner [D:JPN]

Cantharellus septentrionalis A.H. Sm. [D:KOR]

Cantharellus subalbidus A.H. Sm. & Morse [D:KOR]

Cantharellus tabernensis Feib. & Cibula [D:KOR]

Cantharellus tuberculosporus M. Zang [D:NEC]

Gen.694 *Clavulina* J. Schröt.

Clavulina amethystina (Bull.) Donk [D:NEC/FER/KOR]

Clavulina amethystinoides (Peck) Corner [D:NEC/KOR/JPN]

Clavulina castaneipes (G.F. Atk.) Corner [D:NEC/FER/JPN]

Clavulina cinerea (Bull.) J. Schröt. [D:NEC/FER/MNG/KOR/JPN]

Clavulina coralloides (L.) J. Schröt. [D:NEC/FER/KOR/JPN]

Clavulina ornatipes (Peck) Corner [D:NEC/FER]

Clavulina rugosa (Bull.) J. Schröt. [D:NEC/FER/KOR/JPN]

Gen.695 *Craterellus* Pers.

Craterellus aureus Berk. & M.A. Curtis [D:NEC/KOR]

Craterellus cinereus (Pers.) Pers. [D:NEC/KOR/JPN]

Craterellus connatus G.P. Zhao, J.J. Hu, B. Zhang & Y. Li [D:NEC]

Craterellus cornucopioides (L.) Pers. [D:NEC/FER/KOR/JPN]

Craterellus dubius Peck [D:JPN]

Craterellus lutescens (Fr.) Fr. [D:KOR/JPN]

Craterellus melanoxeros (Desm.) Pérez-De-Greg. [D:FER]

Craterellus parvogriseus U. Singh, K. Das & Buyck [D:KOR]

Craterellus striatus G.P. Zhao, J.J. Hu, B. Zhang & Y. Li [D:NEC]

Craterellus tubaeformis (Fr.) Quél. [D:NEC/FER/KOR/JPN]

Craterellus undulatus (Pers.) E. Campo & Papetti [D:NEC/FER/MNG/KOR/JPN]

Gen.696 *Hydnum* L.

Hydnum albidum Peck [D:NEC/JPN]

Hydnum alboluteum R. Sugaw. & N. Endo [D:JPN]

Hydnum albomagnum Banker [D:JPN]

Hydnum albopallidum R. Sugaw. & N. Endo [D:KOR/JPN]

Hydnum bifurcatum Y.L.Tuo, B. Zhang & Y. Li [D:NEC]

Hydnum cremeoalbum Liimat. & Niskanen [D:KOR]

Hydnum delicatulum Klotzsch [D:JPN]

Hydnum itachiharitake R. Sugaw. & N. Endo [D:JPN]

Hydnum minospororufescens R. Sugaw. & N. Endo [D:JPN]

Hydnum minus Yanaga & N. Maek. [D:KOR]

Hydnum orientalbidum R. Sugaw. & N. Endo [D:KOR/JPN]

Hydnum pallidomarginatum Ting Cao & H.S. Yuan [D:KOR]

Hydnum paucispinum J.S. Kim, C. Kim & Y.W. Lim [D:KOR]

Hydnum pinicola R. Sugaw. & N. Endo [D:KOR/JPN]

Hydnum repandum L. [D:NEC/FER/KOR/JPN]

Hydnum rufescens Pers. [D:NEC/FER/JPN]

Hydnum subalpinum R. Sugaw. & N. Endo [D:JPN]

Hydnum subberkeleyanum R. Sugaw. & N. Endo [D:JPN]

Hydnum tomaense R. Sugaw. & N. Endo [D:JPN]

Hydnum tottoriense R. Sugaw. & N. Endo [D:JPN]

Hydnum velutinum Fr. [D:JPN]

Hydnum ventricosum Ting Cao & H.S. Yuan [D:KOR]

Gen.697 *Multiclavula* R.H. Petersen

Multiclavula clara (Berk. & M.A. Curtis) R.H. Petersen [D:KOR/JPN]

Multiclavula mucida (Pers.) R.H. Petersen [D:FER/KOR/JPN]

Multiclavula vernalis (Schwein.) R.H. Petersen [D:FER/JPN]

Gen.698 *Pseudocraterellus* Corner

Pseudocraterellus fuligineus (Corner) Corner [D:NEC]

Gen.699 *Sistotrema* Fr.

Sistotrema athelioides Hallenb. [D:NEC]

Sistotrema brinkmannii (Bres.) J. Erikss. [D:NEC/FER]

Sistotrema chloroporum R. Sugaw., N. Maek., Sotome & N. Endo [D:JPN]

Sistotrema citriforme (M.P. Christ.) K.H. Larss. & Hjortstam [D:KOR]

Sistotrema confluens Pers. [D:NEC/FER/JPN]

Sistotrema diademiferum (Bourdot & Galzin) Donk [D:KOR]

Sistotrema flavorhizomorphum R. Sugaw., N. Shiras., N. Maek. & N. Endo [D:JPN]

Sistotrema octosporum (J. Schröt. ex Höhn. & Litsch.) Hallenb. [D:FER/KOR]

Sistotrema raduloides (P. Karst.) Donk [D:NEC]

Sistotrema resinicystidium Hallenb. [D:FER]

Sistotrema sernanderi (Litsch.) Donk [D:KOR]

Sistotrema subconfluens L.W. Zhou [D:NEC]

Fam. Tulasnellaceae Juel

Gen.700 *Tulasnella* J. Schröt.

Tulasnella amonilioides (P.R.M. Almeida, N. Van den Berg & Góes-Neto) S. Fujimori, J.P. Abe, Okane & Yamaoka [D:JPN]

Tulasnella anaticula (Currah) S. Fujimori, J.P. Abe, Okane & Yamaoka [D:KOR/JPN]

Tulasnella cumulopuntioides S. Fujimori, J.P. Abe, Okane & Yamaoka [D:JPN]

Tulasnella dendritica S. Fujimori, J.P. Abe, Okane & Yamaoka [D:JPN]

Tulasnella ellipsoidea S. Fujimori, J.P. Abe, Okane & Yamaoka [D:JPN]

Tulasnella pallida Bres. [D:FER]

Tulasnella violea (Quél.) Bourdot & Galzin [D:FER]

Ord. Corticiales K.H. Larss.

Fam. Corticiaceae Herter

Gen.701 *Corticium* Pers.

Corticium confine Bourdot & Galzin [D:NEC/FER/KOR]

Corticium roseocarneum (Schwein.) Hjortstam [D:FER/KOR/JPN]

Corticium roseum Pers. [D:NEC/FER/KOR/JPN]

Gen.702 *Erythricium* J. Erikss. & Hjortstam

Erythricium hypnophilum (P. Karst.) J. Erikss. & Hjortstam [D:KOR]

Erythricium laetum (P. Karst.) J. Erikss. & Hjortstam [D:KOR]

Gen.703 *Necator* Massee

Necator salmonicolor (Berk. & Broome) K.H. Larss., Redhead & T.W. May [D:JPN]

Gen.704 *Waitea* Warcup & P.H.B. Talbot

Waitea agrostidis J.A. Crouch & Cubeta [D:JPN]

Incertae sedis

Gen.705 *Leptocorticium* Hjortstam & Ryvarden

Leptocorticium cyatheae (S. Ito & S. Imai) Hjortstam & Ryvarden [D:JPN]

Fam. Punctulariaceae Donk

Gen.706 *Dendrocorticium* M.J. Larsen & Gilb.

Dendrocorticium polygonioides (P. Karst.) M.J. Larsen & Gilb. [D:FER]

Dendrocorticium violaceum H.S. Jacks. [D:FER/KOR]

Gen.707 *Punctularia* Pat.

Punctularia strigosozonata (Schwein.) P.H.B. Talbot [D:KOR/JPN]

Fam. Vuilleminiaceae Höhn.

Gen.708 *Cytidia* Quél.

Cytidia salicina (Fr.) Burt [D:NEC/FER/KOR/JPN]

Gen.709 *Vuilleminia* Maire

Vuilleminia comedens (Nees) Maire [D:KOR/JPN]

Vuilleminia cystidiata Parmasto [D:NEC]

Ord. Geastrales K. Hosaka & Castellano

Fam. Geastraceae Corda

Gen.710 *Cycloderma* Klotzsch

Cycloderma indicum Klotzsch [D:FER]

Gen.711 *Geastrum* Pers.

Geastrum berkeleyi Massee [D:NEC/FER]

Geastrum campestre Morgan [D:NEC/JPN]

Geastrum corollinum (Batsch) Hollós [D:NEC/MNG]

Geastrum deylii Pilát [D:MNG]

Geastrum elegans Vittad. [D:NEC/MNG/JPN]

Geastrum fimbriatum Fr. [D:NEC/FER/MNG/KOR/JPN]

Geastrum floriforme Vittad. [D:NEC/MNG]

Geastrum huneckii Dörfelt [D:MNG]

Geastrum hungaricum Hollós [D:NEC/MNG]

Geastrum javanicum Lév. [D:JPN]

Geastrum juliae Rebriev, E.M. Bulakh & Biketova [D:FER]

Geastrum kotlabae V.J. Staněk [D:MNG/JPN]

Geastrum lageniforme Vittad. [D:NEC/FER/KOR/JPN]

Geastrum melanorhynchum T. Bau & Xin Wang [D:NEC]

Geastrum microphole T. Bau & Xin Wang [D:NEC]

Geastrum minimum Schwein. [D:NEC/FER/MNG]

Geastrum mirabile Mont. [D:NEC/KOR/JPN]

Geastrum mongolicum T. Bau & Xin Wang [D:NEC]

Geastrum morganii Lloyd [D:JPN]

Geastrum oxysepalum T. Bau & Xin Wang [D:NEC]

Geastrum pectinatum Pers. [D:NEC/FER/KOR/JPN]

Geastrum pedicellatum (Batsch) Dörfelt & Müll.-Uri [D:NEC]

Geastrum pseudosaccatum T. Bau & Xin Wang [D:NEC]

Geastrum quadrifidum Pers. [D:NEC/FER/JPN]

Geastrum rufescens Pers. [D:NEC/FER/JPN]

Geastrum saccatum Fr. [D:NEC/FER/KOR/JPN]

Geastrum schmidelii Vittad. [D:NEC/FER/MNG/KOR/JPN]

Geastrum sibiricum Pilát [D:MNG]

Geastrum striatum DC. [D:NEC/MNG/JPN]

Geastrum triplex Jungh. [D:NEC/FER/KOR/JPN]

Geastrum velutinum Morgan [D:NEC/KOR]

Gen.712 *Myriostoma* Desv.

Myriostoma coliforme (Dicks.) Corda [D:NEC/FER]

Fam. Sclerogastraceae Locq. ex P.M. Kirk

Gen.713 *Boninogaster* Kobayasi

Boninogaster phalloides Kobayasi [D:JPN]

Fam. Sphaerobolaceae J. Schröt.

Gen.714 *Sphaerobolus* Tode

Sphaerobolus ingoldii Geml, D.D. Davis & Geiser [D:FER]

Sphaerobolus stellatus Tode [D:NEC/FER/KOR/JPN]

Ord. Gloeophyllales Thorn

Fam. Gloeophyllaceae Jülich

Gen.715 *Boreostereum* Parmasto

Boreostereum radiatum (Peck) Parmasto [D:NEC/FER/JPN]

Boreostereum vibrans (Berk. & M.A. Curtis) Davydkina & Bondartseva [D:JPN]

Gen.716 *Gloeophyllum* P. Karst.

Gloeophyllum abietinum (Bull.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Gloeophyllum carbonarium (Berk. & M.A. Curtis) Ryvarden [D:NEC]

Gloeophyllum odoratum (Wulfen) Imazeki [D:NEC/FER/JPN]

Gloeophyllum protractum (Fr.) Imazeki [D:NEC/MNG]

Gloeophyllum sepiarium (Wulfen) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Gloeophyllum subferrugineum (Berk.) Bondartsev & Singer [D:NEC/KOR/JPN]

Gloeophyllum trabeum (Pers.) Murrill [D:NEC/MNG/KOR/JPN]

Gen.717 *Heliocybe* Redhead & Ginns

Heliocybe sulcata (Berk.) Redhead & Ginns [D:NEC/FER]

Gen.718 *Neolentinus* Redhead & Ginns

Neolentinus adhaerens (Alb. & Schwein.) Redhead & Ginns [D:NEC/FER/JPN]

Neolentinus cyathiformis (Schaeff.) Della Magg. & Trassin. [D:NEC/FER]

Neolentinus kauffmanii (A.H. Sm.) Redhead & Ginns [D:JPN]

Neolentinus lepideus (Fr.) Redhead & Ginns. [D:NEC/FER/MNG/KOR/JPN]

Gen.719 *Veluticeps* Cooke

Veluticeps abietina (Pers.) Hjortstam & Tellería [D:NEC/FER/JPN]

Veluticeps ambigua (Peck) Hjortstam & Tellería [D:NEC/FER]

Ord. Gomphales Jülich

Fam. Clavariadelphaceae Corner

Gen.720 *Clavariadelphus* Donk

Clavariadelphus americanus (Corner) Methven [D:NEC/FER]

Clavariadelphus cokeri V.L. Wells & Kempton [D:JPN]

Clavariadelphus khinganensis J. Zhao, L.P. Tang & P. Zhang [D:NEC]

Clavariadelphus ligula (Schaeff.) Donk [D:NEC/FER/MNG/KOR/JPN]

Clavariadelphus pistillaris (L.) Donk [D:NEC/FER/KOR/JPN]

Clavariadelphus sachalinensis (S. Imai) Corner [D:NEC/FER]

Clavariadelphus truncatus Donk [D:NEC/JPN]

Fam. Gomphaceae Donk

Gen.721 *Gautieria* Vittad.

Gautieria macrospora G. Cunn. [D:JPN]

Gautieria morchelliformis Vittad. [D:NEC/JPN]

Gen.722 *Gloeocantharellus* Singer

Gloeocantharellus pallidus (Yasuda) Giachini [D:NEC/KOR/JPN]

Gen.723 *Gomphus* Pers.

Gomphus clavatus (Pers.) Gray [D:NEC/FER/KOR/JPN]

Gomphus fujisanensis (S. Imai) Parmasto [D:KOR/JPN]

Gomphus purpuraceus (Iwade) K. Yokoy. [D:JPN]

Gen.724 *Phaeoclavulina* Brinkmann

Phaeoclavulina abietina (Pers.) Giachini [D:NEC/FER/JPN]

Phaeoclavulina campestris (K. Yokoy. & Sagara) Giachini [D:KOR/JPN]

Phaeoclavulina corrugata (P. Karst.) J.H. Petersen [D:FER]

Phaeoclavulina cyanocephala (Berk. & M.A. Curtis) Giachini [D:JPN]

Phaeoclavulina decurrens (Pers.) J.H. Petersen [D:FER]

Phaeoclavulina eumorpha (P. Karst.) Giachini [D:NEC/FER/MNG]

Phaeoclavulina flaccida (Fr.) Giachini [D:NEC/FER/KOR/JPN]

Phaeoclavulina jilinensis P. Zhang & W.H. Liu [D:NEC]

Phaeoclavulina longicaulis (Peck) Giachini [D:JPN]

Phaeoclavulina macrospora Brinkmann [D:NEC/KOR/JPN]

Phaeoclavulina murrillii (Coker) Franchi & M. Marchetti [D:NEC]

Phaeoclavulina mutabilis (Schild & R.H. Petersen) Giachini [D:NEC/FER]

Phaeoclavulina myceliosa (Peck) Franchi & M. Marchetti [D:FER]

Phaeoclavulina subdecurrens (Coker) Franchi & M. Marchetti [D:NEC/FER]

Phaeoclavulina zippelii (Lév.) Overeem [D:NEC]

Gen.725 *Ramaria* Fr. ex Bonord.

Ramaria americana (Corner) R.H. Petersen [D:NEC/FER]

Ramaria apiculata (Fr.) Donk [D:NEC/FER/KOR/JPN]

Ramaria araiospora Marr & D.E. Stuntz [D:NEC/FER]

Ramaria aurea (Schaeff.) Quél. [D:NEC/FER/KOR/JPN]

Ramaria bataillei (Maire) Corner [D:NEC]

Ramaria botrytis (Pers.) Bourdot [D:NEC/FER/MNG/KOR/JPN]

Ramaria botrytoides (Peck) Corner [D:JPN]

Ramaria bourdotiana Maire [D:NEC]

Ramaria brunneicontusa R.H. Petersen [D:NEC/FER]

Ramaria campestris (K. Yokoy. & Sagara) R.H. Petersen [D:FER]

Ramaria candida Corner [D:FER]

Ramaria caulifloriformis (Leathers) Corner [D:FER]

Ramaria concolor (Corner) R.H. Petersen [D:NEC]

Ramaria cyaneigranosa Marr & D.E. Stuntz [D:FER]

Ramaria cystidiophora (Kauffman) Corner [D:NEC/FER]

Ramaria daucipes R.H. Petersen [D:NEC/FER]

Ramaria distinctissima R.H. Petersen & M. Zang [D:FER]

Ramaria ephemeroderma R.H. Petersen & M. Zang [D:FER/JPN]

Ramaria fennica (P. Karst.) Ricken [D:NEC/FER/KOR]

Ramaria flava (Schaeff.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Ramaria flavescens (Schaeff.) R.H. Petersen [D:NEC/FER/JPN]

Ramaria flavicingula R.H. Petersen [D:NEC/FER]

Ramaria flavigelatinosa Marr & D.E. Stuntz [D:FER]

Ramaria flavobrunnescens (G.F. Atk.) Corner [D:NEC/FER]

Ramaria flavosaponaria R.H. Petersen [D:NEC/FER]

Ramaria foetida R.H. Petersen [D:NEC/FER]

Ramaria formosa (Pers.) Quél. [D:NEC/FER/KOR/JPN]

Ramaria fumigata (Peck) Corner [D:NEC/JPN]

Ramaria fuscobrunnea Corner [D:NEC]

Ramaria gracilioides Franchi & M. Marchetti [D:NEC]

Ramaria gracilis (Pers.) Quél. [D:NEC/FER]

Ramaria grandis (Peck) Corner [D:KOR/JPN]

Ramaria hemirubella R.H. Petersen & M. Zang [D:NEC]

Ramaria holorubella (G.F. Atk.) Corner [D:NEC/FER]

Ramaria incognita R.H. Petersen [D:NEC/FER]

Ramaria indoyunnaniana R.H. Petersen & M. Zang [D:NEC]

Ramaria lacteobrunnescens Schild [D:NEC/FER]

Ramaria largentii Marr & D.E. Stuntz [D:NEC/FER]

Ramaria lorithamnus (Berk.) R.H. Petersen [D:KOR]

Ramaria lutea Schild [D:NEC]

Ramaria madagascariensis (Henn.) Corner [D:NEC]

Ramaria molleriana (Bres. & Roum.) Corner [D:JPN]

Ramaria obtusissima (Peck) Corner [D:NEC/KOR/JPN]

Ramaria pallida (Schaeff.) Ricken [D:NEC/FER/KOR/JPN]

Ramaria pinicola (Burt) Corner [D:FER]

Ramaria purpurissima R.H. Petersen & Scates [D:FER]

Ramaria rubella (Schaeff.) R.H. Petersen [D:NEC/FER]

Ramaria rubriattenuipes R.H. Petersen & M. Zang [D:FER]

Ramaria rubrievanescens Marr & D.E. Stuntz [D:FER/JPN]

Ramaria rufescens (Schaeff.) Corner [D:NEC]

Ramaria sandaracina Marr & D.E. Stuntz [D:FER]

Ramaria sanguinea (Pers.) Quél. [D:KOR]

Ramaria secunda (Berk.) Corner, [D:JPN]

Ramaria soluta (P. Karst.) Corner [D:FER]

Ramaria strasseri (Bres.) Corner [D:FER]

Ramaria stricta (Pers.) Quél. [D:NEC/FER/KOR/JPN]

Ramaria subbotrytis (Coker) Corner [D:KOR/JPN]

Ramaria suecica (Fr.) Donk [D:NEC/FER]

Ramaria testaceoflava (Bres.) Corner [D:JPN]

Ramaria xanthosperma (Peck) Corner [D:JPN]

Gen.726 *Ramaricium* J. Erikss.

Ramaricium albo-ochraceum (Bres.) Jülich [D:FER/KOR]

Gen.727 *Turbinellus* Earle

Turbinellus floccosus (Schwein.) Earle ex Giachini & Castellano [D:NEC/FER/KOR/JPN]

Turbinellus fujisanensis (S. Imai) Giachini [D:NEC/KOR]

Turbinellus kauffmanii (A.H. Sm.) Giachini [D:NEC/JPN]

Fam. Lentariaceae Jülich

Gen.728 *Hydnocristella* R.H. Petersen

Hydnocristella himantia (Schwein.) R.H. Petersen [D:NEC/FER/JPN]

Gen.729 *Kavinia* Pilát

Kavinia alboviridis (Morgan) Gilb. & Budington [D:NEC/FER]

Gen.730 *Lentaria* Corner

Lentaria byssiseda Corner [D:NEC/FER]

Lentaria micheneri (Berk. & M.A. Curtis) Corner [D:KOR]

Ord. Hymenochaetales Oberw.

Fam. Chaetoporellaceae Jülich

Gen.731 *Echinoporia* Ryvarden

Echinoporia hydnophora (Berk. & Broome) Ryvarden [D:JPN]

Gen.732 *Kneiffiella* P. Karst.

Kneiffiella abdita Riebesehl & Langer [D:NEC]

Kneiffiella altaica (Parmasto) Hjortstam & Ryvarden [D:NEC]

Kneiffiella barba-jovis (Bull.) P. Karst. [D:JPN]

Kneiffiella byssoidea (H. Furuk.) Hjortstam & Ryvarden [D:JPN]

Kneiffiella qujingensis Yang Yang & C.L. Zhao [D:NEC]

Kneiffiella serpentiformis (Langer) Riebesehl & Langer [D:KOR]

Fam. Hirschioporaceae Y.C. Dai, Yuan Yuan & M. Zhou

Gen.733 *Hirschioporus* Donk

Hirschioporus acontextus Y.C. Dai, Yuan Yuan & M. Zhou [D:NEC]

Gen.734 *Nigrohirschioporus* Y.C. Dai, Yuan Yuan & M. Zhou

Nigrohirschioporus durus (Jungh.) Y.C. Dai, Yuan Yuan & M. Zhou [D:JPN]

Gen.735 *Pallidohirschioporus* Y.C. Dai, Yuan Yuan & M. Zhou

Pallidohirschioporus biformis (Fr.) Y.C. Dai, Yuan Yuan & M. Zhou [D:NEC/FER/MNG/KOR/JPN]

Pallidohirschioporus parvulus (Yasuda) Y.C. Dai, Yuan Yuan & M. Zhou [D:NEC/JPN]

Pallidohirschioporus polycystidiatus (Pilát) Y.C. Dai, Yuan Yuan & M. Zhou [D:NEC]

Fam. Hymenochaetaceae Donk

Gen.736 *AAsterodon* Pat.

Asterodon ferruginosus Pat. [D:NEC/JPN]

Gen.737 *Coltricia* Gray

Coltricia abieticola Y.C. Dai [D:NEC]

Coltricia cinnamomea (Jacq.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Coltricia montagnei (Fr.) Murrill [D:NEC/KOR/JPN]

Coltricia perennis (L.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Coltricia subglobosa (Y.C. Dai) Y.C. Dai & F. Wu [D:KOR]

Coltricia weii Y.C. Dai [D:KOR]

Gen.738 *Coltriciella* Murrill

Coltriciella dependens (Berk. & M.A. Curtis) Murrill [D:KOR/JPN]

Coltriciella pusilla (Imazeki & Kobayasi) Corner [D:NEC/KOR/JPN]

Coltriciella subpicta (Lloyd) Corner [D:NEC/JPN]

Gen.739 *Coniferiporia* L.W. Zhou & Y.C. Dai

Coniferiporia sulphurascens (Pilát) L.W. Zhou & Y.C. Dai [D:NEC]

Coniferiporia weirii (Murrill) L.W. Zhou & Y.C. Dai [D:MNG/JPN]

Gen.740 *Cyanotrama* Ghob.-Nejh. & Y.C. Dai

Cyanotrama gypsea (Yasuda) L.W. Zhou [D:NEC/JPN]

Gen.741 *Cylindrosporus* L.W. Zhou

Cylindrosporus flavidus (Berk.) L.W. Zhou [D:NEC/FER/KOR/JPN]

Gen.742 *Deviodontia* (Parmasto) Hjortstam & Ryvarden

Deviodontia pilaecystidiata (S. Lundell) Hjortstam & Ryvarden [D:NEC]

Gen.743 *Fibricium* J. Erikss.

Fibricium rude (P. Karst.) Jülich [D:NEC/KOR/JPN]

Fibricium subcarneum Y. Hayashi [D:JPN]

Gen.744 *Fomitiporella* Murrill

Fomitiporella chinensis (Pilát) Y.C. Dai, X.H. Ji & Vlasák [D:NEC]

Fomitiporella coruscans (Bres.) Salvador-Mont. & Popoff [D:JPN]

Gen.745 *Fomitiporia* Murrill

Fomitiporia baccharidis (Pat.) Decock, Robledo & Amalfi [D:NEC]

Fomitiporia punctata (P. Karst.) Murrill [D:NEC/FER/KOR/JPN]

Fomitiporia robusta (P. Karst.) Fiasson & Niemelä [D:NEC/FER/MNG/KOR/JPN]

Gen.746 *Fulvifomes* Murrill

Fulvifomes acontextus (Ryvarden) Y.C. Dai & F. Wu [D:NEC/JPN]

Fulvifomes boninensis T. Hatt., Y. Ota & Sotome [D:JPN]

Fulvifomes imazekii T. Hatt., Y. Ota & Sotome [D:JPN]

Fulvifomes inermis (Ellis & Everh.) Y.C. Dai [D:NEC]

Fulvifomes mcgregorii (Bres.) Y.C. Dai [D:NEC]

Fulvifomes rigidus (B.K. Cui & Y.C. Dai) X.H. Ji & Jia J. Chen [D:NEC]

Gen.747 *Fulvoderma* L.W. Zhou & Y.C. Dai

Fulvoderma scaurum (Lloyd) L.W. Zhou & Y.C. Dai [D:NEC/KOR]

Fulvoderma vallatum (Berk.) T. Hatt. [D:NEC/KOR/JPN]

Gen.748 *Fuscoporia* Murrill

Fuscoporia contigua (Pers.) G. Cunn. [D:FER/KOR]

Fuscoporia dolichoseta Y. Cho, D.Han Kim & Y.W. Lim [D:NEC/KOR]

Fuscoporia ferrea (Pers.) G. Cunn. [D:NEC/KOR/JPN]

Fuscoporia ferruginosa (Schrad.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Fuscoporia gilva (Schwein.) T. Wagner & M. Fisch. [D:NEC/FER/KOR/JPN]

Fuscoporia gilvoides Y. Cho, D.Han Kim & Y.W. Lim [D:KOR]

Fuscoporia karsteniana Qian Chen, F. Wu & Y.C. Dai [D:NEC]

Fuscoporia koreana Y. Cho, D.Han Kim & Y.W. Lim [D:KOR]

Fuscoporia reticulata Y. Cho, D.Han Kim & Y.W. Lim [D:KOR]

Fuscoporia rhabarbarina (Berk.) Groposo, Log.-Leite & Góes-Neto [D:NEC]

Fuscoporia semicephala Y. Cho, D.Han Kim & Y.W. Lim [D:KOR]

Fuscoporia senex (Nees & Mont.) Ghob.-Nejh. [D:KOR]

Fuscoporia setifera (T. Hatt.) Y.C. Dai [D:JPN]

Fuscoporia terminaliae (S. Ito & S. Imai) Y.C. Dai & F. Wu [D:JPN]

Fuscoporia torulosa (Pers.) T. Wagner & M. Fisch. [D:NEC/JPN]

Fuscoporia velutina (T. Hatt. & Ryvarden) Y.C. Dai & F. Wu [D:JPN]

Fuscoporia wahlbergii (Fr.) T. Wagner & M. Fisch. [D:NEC/JPN]

Gen.749 *Hymenochaete* Lév.

Hydnochaete japonica Lloyd [D:JPN]

Gen.750 *Hydnoporia* Murrill

Hydnoporia corrugata (Fr.) K.H. Larss. & Spirin [D:NEC/FER/KOR/JPN]

Hydnoporia intricata (Lloyd) M. Cho, Y. Cho, Y.W. Lim & J.J. Kim [D:NEC/FER/KOR/JPN]

Hydnoporia orienticorrugata M. Cho, Y. Cho, Y.W. Lim & J.J. Kim [D:KOR]

Hydnoporia rigidula (Berkeley & M.A. Curtis) M. Cho, Y. Cho, Y.W. Lim & J.J. Kim [D:KOR]

Hydnoporia rimosa (Tad. Ito) Spirin & Miettinen [D:JPN]

Hydnoporia subtabacina M. Cho, Y. Cho, Y.W. Lim & J.J. Kim [D:KOR]

Hydnoporia tabacina (Sowerby) Spirin, Miettinen & K.H. Larss. [D:NEC/FER/KOR/JPN]

Hydnoporia tabacinoides (Yasuda) Miettinen & K.H. Larss. [D:KOR/JPN]

Hydnoporia yasudae (Imazeki) Spirin & Miettinen [D:NEC/KOR/JPN]

Gen.751 *Hymenochaete* Lév.

Hymenochaete adusta (Lév.) Har. & Pat. [D:NEC/JPN]

Hymenochaete anomala Burt [D:FER]

Hymenochaete attenuata (Lév.) Lév. [D:NEC/JPN]

Hymenochaete bispora G. Cunn. [D:NEC]

Hymenochaete cinnamomea (Pers.) Bres. [D:NEC/FER/KOR/JPN]

Hymenochaete cruenta (Pers.) Donk [D:NEC/MNG/KOR/JPN]

Hymenochaete cyclolamellata T. Wagner & M. Fisch. [D:NEC/KOR/JPN]

Hymenochaete duportii (Pat.) T. Wagner & M. Fisch. [D:NEC]

Hymenochaete episphaeria (Schwein. ex Fr.) Massee [D:JPN]

Hymenochaete fuliginosa (Fr.) Lév. [D:NEC/FER/KOR]

Hymenochaete macrospora Y.C. Dai [D:NEC]

Hymenochaete microcycla (Zipp. ex Lév.) Spirin & Miettinen [D:NEC/KOR/JPN]

Hymenochaete mougeotii (Fr.) Cooke [D:NEC/FER/JPN]

Hymenochaete murina Bres. [D:JPN]

Hymenochaete muroiana I. Hino & Katum. [D:JPN]

Hymenochaete nanospora J.C. Léger [D:KOR]

Hymenochaete nigricans (Lév.) Pat. [D:NEC]

Hymenochaete odontoides S.H. He & Y.C. Dai [D:JPN]

Hymenochaete palmicola S. Ito & S. Imai [D:JPN]

Hymenochaete pertenuis S. Ito & S. Imai [D:JPN]

Hymenochaete rheicolor (Mont.) Lév. [D:NEC/FER/JPN]

Hymenochaete rubiginosa (Dicks.) Lév. [D:NEC/FER/KOR/JPN]

Hymenochaete rufomarginata Imazeki [D:JPN]

Hymenochaete semistupposa Petch [D:NEC]

Hymenochaete setipora (Berk.) S.H. He & Y.C. Dai [D:NEC]

Hymenochaete spreta Peck [D:JPN]

Hymenochaete tenuis Peck [D:NEC/FER]

Hymenochaete ulmicola Corfixen & Parmasto [D:NEC]

Hymenochaete unicolor Berk. & M.A. Curtis [D:JPN]

Hymenochaete villosa (Lév.) Bres. [D:NEC/KOR/JPN]

Hymenochaete xerantica (Berk.) S.H. He & Y.C. Dai [D:NEC/FER/KOR/JPN]

Gen.752 *Inocutis* Fiasson & Niemelä

Inocutis dryophila (Berk.) Fiasson & Niemelä [D:FER/KOR]

Inocutis mikadoi (Lloyd) Y.C. Dai & F. Wu [D:NEC/KOR/JPN]

Inocutis rheades (Pers.) Fiasson & Niemelä [D:NEC/FER/MNG]

Inocutis tamaricis (Pat.) Fiasson & Niemelä [D:NEC]

Gen.753 *Inonotopsis* Parmasto

Inonotopsis subiculosa (Peck) Parmasto [D:NEC]

Gen.754 *Inonotus* P. Karst.

Inonotus boninensis T. Hatt. & Ryvarden [D:JPN]

Inonotus cuticularis (Bull.) P. Karst. [D:NEC/FER/KOR/JPN]

Inonotus diverticuloseta Pegler [D:NEC]

Inonotus hastifer Pouzar [D:KOR]

Inonotus hispidus (Bull.) P. Karst. [D:NEC/FER/KOR/JPN]

Inonotus leporinus (Fr.) Gilb. & Ryvarden [D:NEC]

Inonotus obliquus (Fr.) Pilát [D:NEC/FER/MNG/KOR/JPN]

Inonotus patouillardii (Rick) Imazeki [D:JPN]

Inonotus scaurus (Lloyd) T. Hatt. [D:NEC/FER/KOR/JPN]

Inonotus sideroides (Lév.) Ryvarden [D:NEC]

Inonotus sinensis Teng [D:NEC]

Inonotus triqueter P. Karst. [D:NEC/JPN]

Inonotus ulmicola Corfixen [D:NEC]

Gen.755 *Meganotus* Y.C. Dai, F. Wu, L.W. Zhou, Vlasák & B.K. Cui

Meganotus everhartii (Ellis & Galloway) Y.C. Dai, F. Wu, L.W. Zhou, Vlasák & B.K. Cui [D:NEC]

Gen.756 *Mensularia* Lázaro Ibiza

Mensularia nodulosa (Fr.) T. Wagner & M. Fisch. [D:NEC/KOR]

Gen.757 *Neomensularia* F. Wu, L.W. Zhou & Y.C. Dai

Neomensularia kanehirae (Yasuda) F. Wu, L.W. Zhou & Y.C. Dai [D:NEC/KOR/JPN]

Gen.758 *Nigrofomes* Murrill

Nigrofomes melanoporus (Mont.) Murrill [D:NEC/KOR/JPN]

Gen.759 *Ochrosporellus* (Bondartseva & S. Herrera) Bondartseva & S. Herrera

Ochrosporellus pachyphloeus (Pat.) Y.C. Dai & F. Wu [D:JPN]

Gen.760 *Onnia* P. Karst.

Onnia circinata (Fr.) P. Karst. [D:NEC/MNG]

Onnia tomentosa (Fr.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Onnia triquetra (Pers.) Imazeki [D:NEC]

Gen.761 *Phellinidium* (Kotl.) Fiasson & Niemelä

Phellinidium ferrugineofuscum (P. Karst.) Fiasson & Niemelä [D:NEC]

Gen.762 *Phellinopsis* Y.C. Dai

Phellinopsis conchata (Pers.) Y.C. Dai [D:NEC/FER/KOR/JPN]

Phellinopsis overholtsii (Ginns) L.W. Zhou & Ginns [D:NEC]

Gen.763 *Phellinus* Quél.

Phellinus acifer (Y.C. Dai) T. Hatt. [D:NEC]

Phellinus adamantinus (Berk.) Ryvarden [D:NEC/JPN]

Phellinus betulinus (Murrill) Parmasto [D:NEC/FER]

Phellinus caryophylli (Racib.) G. Cunn. [D:JPN]

Phellinus chinensis [D:FER]

Phellinus chrysoloma (Fr.) Donk [D:NEC/FER/MNG/JPN]

Phellinus fastuosus (Lév.) S. Ahmad [D:JPN]

Phellinus fragrans M.J. Larsen & Lombard [D:NEC]

Phellinus hartigii (Allesch. & Schnabl) Pat. [D:NEC/FER/KOR/JPN]

Phellinus igniarius (L.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Phellinus laevigatus (P. Karst.) Bourdot & Galzin [D:NEC/FER/KOR/JPN]

Phellinus lundellii Niemelä [D:NEC/KOR]

Phellinus macroferreus T. Hatt. & Ryvarden [D:JPN]

Phellinus mcgregorii (Bres.) Ryvarden [D:JPN]

Phellinus mori Y.C. Dai & B.K. Cui [D:NEC]

Phellinus nilgheriensis (Mont.) G. Cunn. [D:NEC]

Phellinus orientoasiaticus L.W. Zhou & Y.C. Dai [D:NEC]

Phellinus parmastoi L.W. Zhou & Y.C. Dai [D:NEC]

Phellinus pomaceus (Pers.) Maire [D:NEC/FER/KOR/JPN]

Phellinus prunicola (Murrill) Gilb. [D:JPN]

Phellinus pusillus (Lloyd) Ryvarden [D:JPN]

Phellinus rimosus (Berk.) Pilát [D:NEC/JPN]

Phellinus scleropileatus X.L. Zeng [D:NEC]

Phellinus setulosus (Lloyd) Imazeki [D:NEC/KOR/JPN]

Phellinus syringeus X.L. Zeng [D:NEC]

Phellinus tremulae (Bondartsev) Bondartsev & P.N. Borisov [D:NEC/FER/KOR]

Phellinus viticola (Schwein.) Donk [D:NEC/FER/KOR/JPN]

Gen.764 *Phellopilus* Niemelä

Phellopilus nigrolimitatus (Romell) Niemelä, T. Wagner & M. Fisch. [D:NEC/FER/MNG/JPN]

Gen.765 *Phylloporia* Murrill

Phylloporia bibulosa (Lloyd) Ryvarden [D:NEC]

Phylloporia crataegi L.W. Zhou & Y.C. Dai [D:NEC]

Phylloporia pectinata (Klotzsch) Ryvarden [D:NEC/JPN]

Phylloporia pulla (Mont. & Berk.) Decock & Yombiy. [D:JPN]

Phylloporia ribis (Schumach.) Ryvarden [D:NEC/JPN]

Phylloporia spathulata (Hook.) Ryvarden [D:NEC/KOR]

Gen.766 *Polystictus* Fr.

Polystictus gilvocolor Lloyd [D:NEC]

Polystictus purus Lloyd [D:NEC]

Polystictus unicolor Rick [D:NEC]

Gen.767 *Poriodontia* Parmasto

Poriodontia subvinosa Parmasto [D:NEC/FER]

Gen.768 *Porodaedalea* Murrill

Porodaedalea laricis (Jacz. ex Pilát) Niemelä [D:NEC/FER/MNG]

Porodaedalea microsperma S.J. Dai & Y.C. Dai [D:NEC]

Porodaedalea mongolica Y.D. Wu & Y. Yuan [D:NEC]

Porodaedalea pini (Brot.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Gen.769 *Pseudoinonotus* T. Wagner & M. Fisch.

Pseudoinonotus dryadeus (Pers.) T. Wagner & M. Fisch. [D:NEC/FER/KOR/JPN]

Gen.770 *Pyrrhoderma* Imazeki

Pyrrhoderma lamaoense (Murrill) L.W. Zhou & Y.C. Dai [D:NEC]

Pyrrhoderma noxium (Corner) L.W. Zhou & Y.C. Dai [D:NEC/JPN]

Pyrrhoderma sendaiense (Yasuda) Imazeki [D:NEC/JPN]

Gen.771 *Rigidonotus* Y.C. Dai, F. Wu, L.W. Zhou, Vlasák & B.K. Cui

Rigidonotus pruinosus (Bondartsev) Y.C. Dai, F. Wu, L.W. Zhou, Vlasák & B.K. Cui [D:NEC]

Gen.772 *Sanghuangporus* Sheng H. Wu, L.W. Zhou & Y.C. Dai

Sanghuangporus baumii (Pilát) L.W. Zhou & Y.C. Dai [D:NEC/FER/KOR/JPN]

Sanghuangporus lonicericola (Parmasto) L.W. Zhou & Y.C. Dai [D:NEC/KOR]

Sanghuangporus lonicerinus (Bondartsev) Sheng H. Wu, L.W. Zhou & Y.C. Dai [D:KOR/JPN]

Sanghuangporus mongolicus T. Bau [D:NEC]

Sanghuangporus sanghuang (Sheng H. Wu, T. Hatt. & Y.C. Dai) Sheng H. Wu, L.W. Zhou & Y.C. Dai [D:NEC]

Sanghuangporus vaninii (Ljub.) L.W. Zhou & Y.C. Dai [D:NEC/FER/KOR]

Gen.773 *Trichaptum* Murrill

Trichaptum abietinum (Pers. ex J.F. Gmel.) Ryvarden [D:NEC/FER/MNG/KOR/JPN]

Trichaptum biforme (Fr.) Ryvarden [as '*biformis*'] [D:FER]

Trichaptum byssogenum (Jungh.) Ryvarden [D:JPN]

Trichaptum fuscoviolaceum (Ehrenb.) Ryvarden [D:NEC/FER/MNG/KOR/JPN]

Gen.774 *Tropicoporus* L.W. Zhou, Y.C. Dai & Sheng H. Wu

Tropicoporus linteus (Berk. & M.A. Curtis) L.W. Zhou & Y.C. Dai [D:NEC/KOR/JPN]

Tropicoporus sanfordii (Lloyd) Y.C. Dai & F. Wu [D:JPN]

Gen.775 *Xanthoporia* Murrill

Xanthoporia andersonii (Ellis & Everh.) Murrill [D:NEC/FER/KOR]

Xanthoporia radiata (Sowerby) Ţura, Zmitr., Wasser, Raats & Nevo [D:NEC/FER/MNG/KOR/JPN]

Fam. Hyphodontiaceae X.Wei Wang & L.W. Zhou

Gen.776 *Hyphodontia* J. Erikss.

Chaetoporellus krawtzewii (Pilát) Bondartsev & Singer [D:NEC]

Gen.777 *Hyphodontia* J. Erikss.

Hyphodontia abieticola (Bourdot & Galzin) J. Erikss. [D:NEC]

Hyphodontia alutaria (Burt) J. Erikss. [D:NEC/MNG/KOR/JPN]

Hyphodontia arguta (Fr.) J. Erikss. [D:NEC/KOR/JPN]

Hyphodontia curvispora J. Erikss. & Hjortstam [D:NEC/MNG]

Hyphodontia granulosa (Pers.) Bernicchia [D:NEC/FER/JPN]

Hyphodontia pallidula (Bres.) J. Erikss. [D:NEC/FER/MNG/KOR/JPN]

Hyphodontia quercina (Pers.) J. Erikss. [D:FER/JPN]

Hyphodontia spathulata (Schrad.) Parmasto [D:NEC/FER/MNG/KOR/JPN]

Hyphodontia stipata (Fr.) Gilb. [D:JPN]

Hyphodontia subglobosa Sheng H. Wu [D:NEC]

Hyphodontia subspathulata (H. Furuk.) N. Maek. [D:JPN]

Hyphodontia tropica Sheng H. Wu, [D:NEC/KOR]

Hyphodontia zhixiangii L.W. Zhou & Gafforov [D:NEC]

Incertae sedis

Gen.778 *Alloclavaria* Dentinger & D.J. McLaughlin

Alloclavaria purpurea (O.F. Müll.) Dentinger & D.J. McLaughlin [D:NEC/FER/KOR/JPN]

Gen.779 *Atheloderma* Parmasto

Atheloderma orientale Parmasto [D:FER]

Gen.780 *Cantharellopsis* Kuyper

Cantharellopsis prescotii (Weinm.) Kuyper [D:FER]

Gen.781 *Cotylidia* P. Karst. [as '*Cotilydia*']

Cotylidia decolorans (Berk. & M.A. Curtis) A.L. Welden [D:KOR]

Cotylidia diaphana (Cooke) Lentz [D:NEC/FER/KOR/JPN]

Cotylidia harmandii (Lloyd) D.A. Reid [D:JPN]

Cotylidia komabensis (Henn.) D.A. Reid [D:NEC/KOR/JPN]

Cotylidia pannosa (Sowerby) D.A. Reid [D:MNG]

Cotylidia undulata (Fr.) P. Karst. [D:NEC]

Gen.782 *Ginnsia* Sheng H. Wu & Hallenb.

Ginnsia viticola (Schwein.) Sheng H. Wu & Hallenb. [D:NEC/FER/JPN]

Gen.783 *Globulicium* Hjortstam

Globulicium hiemale (Laurila) Hjortstam [D:NEC]

Gen.784 *Hastodontia* (Parmasto) Hjortstam & Ryvarden

Hastodontia hastata (Litsch.) Hjortstam & Ryvarden [D:NEC]

Hastodontia Hebeloma album Peck [D:NEC/FER]

Gen.785 *Kurtia* Karasiński

Kurtia argillacea (Bres.) Karasiński [D:KOR]

Kurtia macedonica (Litsch.) Karasiński [D:FER]

Gen.786 *Litschauerella* Oberw.

Litschauerella clematidis (Bourdot & Galzin) J. Erikss. & Ryvarden [as '*clematitis*'] [D:FER]

Gen.787 *Loreleia* Redhead

Loreleia marchantiae (Singer & Clémençon) Redhead, Moncalvo, Vilgalys & Lutzoni [D:FER]

Loreleia postii (Fr.) Redhead, Moncalvo, Vilgalys & Lutzoni [D:NEC/FER/JPN]

Gen.788 *Lyoathelia* Hjortstam & Ryvarden

Lyoathelia laxa (Burt) Hjortstam & Ryvarden [D:JPN]

Gen.789 *Pseudotrichaptum* Y.C. Dai, Yuan Yuan & M. Zhou

Pseudotrichaptum laricinum (P. Karst.) Y.C. Dai, Yuan Yuan & M. Zhou

[D:NEC/FER/MNG/KOR/JPN]

Gen.790 *Subulicium* Hjortstam & Ryvarden

Subulicium lautum (H.S. Jacks.) Hjortstam & Ryvarden [D:FER/JPN]

Fam. Odonticiaceae L.W. Zhou & X.Wei Wang

Gen.791 *Leifia* Ginns

Leifia brevispora Gafforov, S.L. Liu & L.W. Zhou [D:NEC]

Fam. Oxyporaceae Zmitr. & Malysheva

Gen.792 *Oxyporus* (Bourdot & Galzin) Donk

Oxyporus bucholtzii (Bondartsev & Ljub.) Y.C. Dai & Niemelä [D:NEC]

Oxyporus changbaiensis Y.P. Bai & X.L. Zeng [D:NEC]

Oxyporus corticola (Fr.) Ryvarden [D:NEC/FER/KOR]

Oxyporus cuneatus (Murrill) Aoshima [D:NEC/KOR/JPN]

Oxyporus ginkgonis Y.C. Dai [D:NEC]

Oxyporus obducens (Pers.) Donk [D:NEC/FER]

Oxyporus pellicula (Jungh.) Ryvarden [D:NEC]

Oxyporus philadelphi (Parmasto) Ryvarden [D:FER]

Oxyporus piceicola B.K. Cui & Y.C. Dai [D:KOR]

Oxyporus populinus (Schumach.) Donk. [D:NEC/FER/KOR/JPN]

Oxyporus pseudoobducens Pilát ex Bondartsev [D:FER]

Oxyporus ravidus (Fr.) Bondartsev & Singer [D:NEC/KOR]

Oxyporus similis (Bres.) Ryvarden [D:KOR]

Oxyporus sinensis X.L. Zeng [D:NEC]

Fam. Peniophorellaceae L.W. Zhou, X.Wei Wang & S.L. Liu

Gen.793 *Peniophorella* P. Karst.

Peniophorella crystallifera Yurchenko, Sheng H. Wu & N. Maek. [D:NEC]

Peniophorella odontiiformis (Boidin & Berthier) K.H. Larss. [D:NEC/KOR]

Peniophorella praetermissa (P. Karst.) K.H. Larss. [D:NEC/FER/KOR/JPN]

Peniophorella pubera (Fr.) P. Karst. [D:NEC/FER/MNG/KOR]

Peniophorella rude (Bres.) K.H. Larss. [D:NEC/JPN]

Peniophorella subpraetermissa (Sheng H. Wu) K.H. Larss. [D:NEC/KOR]

Fam. Resiniciaceae L.W. Zhou & X.Wei Wang

Gen.794 *Resinicium* Parmasto

Resinicium bicolor (Alb. & Schwein.) Parmasto [D:NEC/FER/KOR/JPN]

Resinicium rimulosum Nakasone [D:KOR]

Fam. Repetobasidiaceae Jülich

Gen.795 *Rickenella* Raithelh.

Rickenella fibula (Bull.) Raithelh. [D:NEC/FER/KOR/JPN]

Rickenella indica K.P.D. Latha & Manim. [D:JPN]

Rickenella mellea (Singer & Clémençon) Lamoure [D:JPN]

Rickenella swartzii (Fr.) Kuyper [D:FER]

Rickenella umbelliformis Y. Cho & Y.W. Lim [D:KOR]

Fam. Rigidoporaceae Jülich

Gen.796 *Leucophellinus* Bondartsev & Singer

Leucophellinus hobsonii (Berk. ex Cooke) Ryvarden [D:NEC/FER/JPN]

Leucophellinus irpicoides (Bondartsev ex Pilát) Bondartsev & Singer [D:NEC/FER]

Gen.797 *Rigidoporus* Murrill

Rigidoporus microporus (Sw.) Overeem [D:NEC/KOR/JPN]

Rigidoporus subcorticola Chao G. Wang, Jing Si & Y.C. Dai [D:NEC]

Rigidoporus ulmarius (Sowerby) Imazeki [D:NEC/KOR/JPN]

Fam. Schizoporaceae Jülich

Gen.798 *Alutaceodontia* (Parmasto) Hjortstam & Ryvarden

Alutaceodontia alutacea (Fr.) Hjortstam & Ryvarden [D:KOR/JPN]

Gen.799 *Hyphodontia* J. Erikss.

Lyomyces boninensis (S. Ito & S. Imai) Hjortstam & Ryvarden [D:JPN]

Lyomyces crustosus (Pers.) P. Karst. [D:NEC/FER/KOR/JPN]

Lyomyces juniperi (Bourdot & Galzin) Riebesehl & Langer [D:NEC]

Lyomyces leptocystidiatus X.Wei Wang & L.W. Zhou [D:NEC]

Lyomyces mascarensis Riebesehl, Yurchenko & Langer [D:NEC]

Lyomyces microfasciculatus (Yurchenko & Sheng H. Wu) Riebesehl & Langer [D:NEC]

Lyomyces orientalis Riebesehl, Yurchenko & Langer [D:NEC]

Lyomyces pruni (Lasch) Riebesehl & Langer [D:NEC/MNG]

Lyomyces sambuci (Pers.) P. Karst. [D:NEC/FER/KOR/JPN]

Gen.800 *Schizopora* Velen.

Schizopora paradoxa (Schrad.) Donk [D:NEC/FER/KOR/JPN]

Gen.801 *Xylodon* (Pers.) Gray

Xylodon asper (Fr.) Hjortstam & Ryvarden [D:NEC/KOR]

Xylodon borealis (Kotir. & Saaren.) Hjortstam & Ryvarden [D:NEC]

Xylodon brevisetus (P. Karst.) Hjortstam & Ryvarden [D:NEC/MNG/KOR/JPN]

Xylodon bubalinus (Min Wang, Yuan Y. Chen & B.K. Cui) C.Chih Chen & Sheng H. Wu [D:NEC]

Xylodon crystalliger Viner [D:NEC]

Xylodon detriticus (Bourdot) K.H. Larss., Viner & Spirin [D:KOR]

Xylodon flaviporus (Berk. & M.A. Curtis ex Cooke) Riebesehl & Langer [D:NEC/FER/MNG/KOR/JPN]

Xylodon grandineus K.Y. Luo & C.L. Zhao [D:NEC]

Xylodon kunmingensis C.L. Zhao & X.Q. Zhang [D:KOR]

Xylodon nesporii (Bres.) Hjortstam & Ryvarden [D:NEC/FER/KOR/JPN]

Xylodon niemelaei (Sheng H. Wu) Hjortstam & Ryvarden [D:KOR]

Xylodon ovisporus (Corner) Riebesehl & Langer [D:KOR]

Xylodon papillosus (Fr.) Riebesehl, Yurchenko & Langer [D:KOR]

Xylodon pelliculae (H. Furuk.) Riebesehl, Yurchenko & Langer [D:JPN]

Xylodon radula (Fr.) Ţura, Zmitr., Wasser & Spirin [D:NEC/FER/KOR/JPN]

Xylodon raduloides Riebesehl & Langer [D:NEC/FER/JPN]

Xylodon rimosissimus (Peck) Hjortstam & Ryvarden [D:NEC]

Xylodon subclavatus (Yurchenko, H.X. Xiong & Sheng H. Wu) Riebesehl, Yurchenko & Langer [D:NEC]

Xylodon subflaviporus C.Chih Chen & Sheng H. Wu [D:KOR]

Xylodon syringae (Langer) Hjortstam & Ryvarden [D:NEC]

Fam. Sideraceae L.W. Zhou & X.Wei Wang

Gen.802 *Sidera* Miettinen & K.H. Larss.

Sidera lenis (P. Karst.) Miettinen [D:NEC/FER/MNG/JPN]

Sidera vulgaris (Fr.) Miettinen [D:NEC]

Fam. Skvortzoviaceae L.W. Zhou & X.Wei Wang

Gen.803 *Skvortzovia* Bononi & Hjortstam

Skvortzovia furfuracea (Bres.) G. Gruhn & Hallenb. [D:NEC/FER]

Skvortzovia furfurella (Bres.) Bononi & Hjortstam [D:KOR/JPN]

Skvortzovia pinicola (J. Erikss.) G. Gruhn & Hallenb. [D:NEC/KOR]

Fam. Tubulicrinaceae Jülich

Gen.804 *Tubulicrinis* Donk

Tubulicrinis accedens (Bourdot & Galzin) Donk [D:KOR]

Tubulicrinis calothrix (Pat.) Donk [D:NEC/FER]

Tubulicrinis chaetophorus (Höhn.) Donk [as '*chaetophora*'] [D:FER]

Tubulicrinis glebulosus (Fr.) Donk [D:NEC/FER/JPN]

Tubulicrinis medius (Bourdot & Galzin) Oberw. [D:FER]

Tubulicrinis propinquus (Bourdot & Galzin) Donk [D:JPN]

Tubulicrinis sceptrifer (H.S. Jacks. & Weresub) Donk [D:NEC]

Tubulicrinis subulatus (Bourdot & Galzin) Donk [D:NEC]

Tubulicrinis subulatus (Bourdot & Galzin) Donk [D:FER]

Tubulicrinis thermometrus (G. Cunn.) M.P. Christ. [D:KOR]

Tubulicrinis xantha C.L. Zhao [D:NEC]

Ord. Hysterangiales K. Hosaka & Castellano

Fam. Gallaceaceae Locq. ex P.M. Kirk

Gen.805 *Gallacea* Lloyd

Gallacea violacea (Cooke & Massee) Lloyd [D:JPN]

Fam. Hysterangiaceae E. Fisch.

Gen.806 *Hysterangium* Vittad.

Hysterangium affine Massee & Rodway [D:JPN]

Hysterangium album Zeller & C.W. Dodge [D:NEC]

Hysterangium stoloniferum Tul. & C. Tul. [D:NEC]

Hysterangium strobilus Zeller & C.W. Dodge [D:NEC]

Incertae sedis

Gen.807 *Circulocolumella* S. Ito & S. Imai

Circulocolumella hahashimensis (S. Ito & S. Imai) S. Ito & S. Imai [D:JPN]

Incertae sedis

Incertae sedis

Gen.808 *Aphelaria* Corner

Aphelaria dendroides (Jungh.) Corner [D:JPN]

Gen.809 *Corallofungus* Kobayasi

Corallofungus hatakeyamanus Kobayasi [D:JPN]

Gen.810 *Intextomyces* J. Erikss. & Ryvarden

Intextomyces contiguus (P. Karst.) J. Erikss. & Ryvarden [D:NEC]

Gen.811 *Taiwanoporia* T.T. Chang & W.N. Chou

Taiwanoporia roseotincta T. Hatt. [D:JPN]

Gen.812 *Xerotus* Fr.

Xerotus fragilis Berk. & M.A. Curtis [D:JPN]

Ord. Jaapiales Manfr. Binder

Fam. Jaapiaceae Manfr. Binder

Gen.813 *Jaapia* Bres.

Jaapia argillacea Bres. [D:FER]

Jaapia ochroleuca (Bres.) Nannf. & J. Erikss. [D:NEC/FER]

Ord. Lepidostromatales B.P. Hodk. & Lücking

Fam. Lepidostromataceae Ertz

Gen.814 *Lepidostroma* Mägd. & S. Winkl.

Lepidostroma asianum Yanaga & N. Maek. [D:JPN]

Ord. Phallales E. Fisch.

Fam. Clathraceae Chevall.

Gen.815 *Aseroe* Labill. [as '*Aseroë*']

Aseroe coccinea Imazeki & Yoshimi ex Kasuya [D:KOR/JPN]

Aseroe rubra Labill. [D:NEC/JPN]

Gen.816 *Clathrus* P. Micheli ex L.

Clathrus archeri (Berk.) Dring [D:KOR]

Clathrus columnatus Bosc [D:NEC/JPN]

Clathrus ruber P. Micheli ex Pers. [D:NEC/KOR/JPN]

Gen.817 *Colus* Cavalier & Séchier

Colus giganteus Dörfelt & Bumžaa [D:MNG]

Colus hirudinosus Cavalier & Séchier [D:JPN]

Gen.818 *Ileodictyon* Tul. & C. Tul.

Ileodictyon cibarium Tul. & C. Tul. [D:JPN]

Ileodictyon gracile Berk. [D:NEC/KOR/JPN]

Gen.819 *Laternea* Turpin

Laternea columnata Nees [D:NEC/KOR/JPN]

Gen.820 *Pseudocolus* Lloyd

Pseudocolus fusiformis (E. Fisch.) Lloyd [D:KOR/JPN]

Fam. Gastrosporiaceae Pilát

Gen.821 *Gastrosporium* Mattir.

Gastrosporium asiaticum Dörfelt & Bumžaa [D:MNG]

Gastrosporium simplex Mattir. [D:MNG]

Fam. Lysuraceae Corda [as 'Lysuroideae']

Gen.822 *Lysurus* Fr.

Lysurus arachnoideus (E. Fisch.) Trierv.-Per. & K. Hosaka [D:KOR/JPN]

Lysurus gardneri Berk. [D:JPN]

Lysurus mokusin (L. f.) Fr. [D:NEC/KOR/JPN]

Lysurus periphragmoides (Klotzsch ex Hook.) Dring [D:NEC/JPN]

Lysurus sphaerocephalus (Schltdl.) Hern. Caff., Urcelay, K. Hosaka & L.S. Domínguez [D:NEC/JPN]

Fam. Phallaceae Corda [as 'Phalloideae']

Gen.823 *Phallus* Junius ex L.

Dictyophora multicolor Berk. & Broome [D:NEC]

Gen.824 *Endophallus* M. Zang & R.H. Petersen

Endophallus yunnanensis M. Zang & R.H. Petersen [D:NEC]

Gen.825 *Mutinus* Fr.

Ithyphallus sanguineus (Henn.) Sacc. & D. Sacc. [D:JPN]

Gen.826 *Kobayasia* S. Imai & A. Kawam.

Kobayasia nipponica (Kobayasi) S. Imai & A. Kawam. [D:NEC/FER/KOR/JPN]

Gen.827 *Mutinus* Fr.

Mutinus bambusinus (Zoll.) E. Fisch. [D:NEC/KOR/JPN]

Mutinus boninensis E. Fisch. [D:KOR/JPN]

Mutinus borneensis Ces. [D:JPN]

Mutinus caninus (Schaeff.) Fr. [D:NEC/FER/KOR/JPN]

Mutinus elegans (Mont.) E. Fisch. [D:KOR/JPN]

Mutinus penzigii E. Fisch. [D:JPN]

Gen.828 *Phallus* Junius ex L.

Phallus echinovolvatus (M. Zang, D.R. Zheng & Z.X. Hu) Kreisel [D:KOR]

Phallus flavocostatus Kreisel [D:NEC/FER/KOR/JPN]

Phallus hadriani Vent. [D:NEC/FER/KOR/JPN]

Phallus impudicus L. [D:NEC/FER/MNG/KOR/JPN]

Phallus indusiatus Vent. [D:NEC/FER/KOR/JPN]

Phallus luteus (Liou & L. Hwang) T. Kasuya [D:NEC/KOR/JPN]

Phallus macrosporus B. Liu, Z.Y. Li & Du [D:NEC]

Phallus rubicundus (Bosc) Fr. [D:NEC/JPN]

Phallus rubrovolvatus (M. Zang, D.G. Ji & X.X. Liu) Kreisel [D:JPN]

Phallus sibiricus (Lavrov) Rebriev [D:FER]

Phallus sulphureus Lohwag [D:NEC]

Phallus taipeiensis B. Liu & Y.S. Bau [D:NEC]

Phallus tenuissimus T.H. Li, W.Q. Deng & B. Liu [D:NEC/FER/JPN]

Phallus ultraduplicatus X.D. Yu, W. Lv, S.X. Lv, Xu H. Chen & Qin Wang [D:FER]

Gen.829 *Protuberella* S. Imai & A. Kawam.

Protuberella borealis (S. Imai) S. Imai & A. Kawam. [D:NEC/JPN]

Gen.830 *Phallus* Junius ex L.

Satyrus aurantiacus (Mont.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC/JPN]

Satyrus rugulosus (E. Fisch.) Kun L. Yang, Jia Y. Lin & Zhu L. Yang [D:NEC/KOR/JPN]

Ord. Polyporales Gäum.

Fam. Adustoporiaceae Audet

Gen.831 *Antrodia* P. Karst.

Amyloporia xantha (Fr.) Bondartsev & Singer ex Bondartsev [D:NEC/FER/KOR/JPN]

Gen.832 *Lentoporia* Audet

Lentoporia carbonica (Overh.) Audet [D:NEC]

Lentoporia subcarbonica B.K. Cui, Y.Yuan Chen & Shun Liu [D:NEC]

Gen.833 *Resinoporia* Audet

Resinoporia crassa (P. Karst.) Audet [D:NEC/KOR]

Resinoporia sitchensis (D.V. Baxter) Audet [D:NEC/KOR]

Resinoporia sordida (Ryvarden & Gilb.) Audet [D:JPN]

Gen.834 *Rhodonia* Niemelä

Rhodonia placenta (Fr.) Niemelä, K.H. Larss. & Schigel [D:NEC/MNG]

Rhodonia rancida (Bres.) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Rhodonia subplacenta (B.K. Cui) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Fam. Auriporiaceae B.K. Cui, Shun Liu & Y.C. Dai

Gen.835 *Auriporia* Ryvarden

Auriporia aurea (Peck) Ryvarden [D:NEC]

Auriporia aurulenta A. David, Tortič & Jelić [D:NEC/KOR]

Fam. Cerrenaceae Miettinen

Gen.836 *Cerrena* Gray

Cerrena albocinnamomea (Y.C. Dai & Niemelä) H.S. Yuan [D:NEC/JPN]

Cerrena aurantiopora J.S. Lee & Y.W. Lim [D:KOR]

Cerrena caperata (Berk.) Zmitr. [D:JPN]

Cerrena unicolor (Bull.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Cerrena zonata (Berk.) H.S. Yuan [D:KOR/JPN]

Gen.837 *Irpiciporus* Murrill

Irpiciporus pachyodon (Pers.) Kotl. & Pouzar [D:KOR/JPN]

Gen.838 *Lividopora* Miettinen

Lividopora vincta (Berk.) Miettinen [D:JPN]

Gen.839 *Pseudolagarobasidium* J.C. Jang & T. Chen

Pseudolagarobasidium pronum (Berk. & Broome) Nakasone & D.L. Lindner [D:NEC]

Gen.840 *Radulodon* Ryvarden

Radulodon casearius (Morgan) Ryvarden [D:JPN]

Radulodon erikssonii Ryvarden [D:FER]

Fam. Climacocystaceae B.K. Cui, Shun Liu & Y.C. Dai

Gen.841 *Climacocystis* Kotl. & Pouzar

Climacocystis borealis (Fr.) Kotl. & Pouzar [D:NEC/KOR/JPN]

Gen.842 *Diplomitoporus* Domański

Diplomitoporus crustulinus (Bres.) Domański [D:NEC/KOR]

Diplomitoporus flavescens (Bres.) Domański [D:NEC/MNG/JPN]

Fam. Dacryobolaceae Jülich

Gen.843 *Dacryobolus* Fr.

Dacryobolus gracilis H.S. Yuan [D:NEC]

Dacryobolus karstenii (Bres.) Oberw. ex Parmasto [D:NEC/KOR/JPN]

Dacryobolus montanus X.Z. Wan & H.S. Yuan [D:NEC]

Dacryobolus sudans (Alb. & Schwein.) Fr. [D:FER/KOR/JPN]

Gen.844 *Gloeocystidium* P. Karst.

Gloeocystidium ochroleucum Bres. ex Bourdot & Galzin [D:JPN]

Fam. Fibroporiaceae Audet

Gen.845 *Fibroporia* Parmasto

Fibroporia citrina (Bernicchia & Ryvarden) Bernicchia & Ryvarden [D:NEC]

Fibroporia radiculosa (Peck) Parmasto [D:NEC]

Fibroporia vaillantii (DC.) Parmasto [D:NEC/JPN]

Fam. Fomitopsidaceae Jülich

Gen.846 *Anthoporia* Karasiński & Niemelä

Anthoporia albobrunnea (Romell) Karasiński & Niemelä [D:NEC]

Gen.847 *Antrodia* P. Karst.

Antrodia albida (Fr.) Donk [D:NEC/FER/KOR/JPN]

Antrodia gossypium (Speg.) Ryvarden [D:NEC/FER/JPN]

Antrodia heteromorpha (Fr.) Donk [D:NEC/FER/MNG/KOR/JPN]

Antrodia hingganensis Y.C. Dai & Penttilä [D:NEC]

Antrodia macra (Sommerf.) Niemelä [D:FER]

Antrodia macrospora Bernicchia & De Dominicis [D:NEC]

Antrodia mappa (Overh. & J. Lowe) Miettinen & Vlasák [D:FER]

Antrodia peregrina Spirin, Y.C. Dai & Vlasák [D:NEC]

Antrodia sinuosa (Fr.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Antrodia tanakae (Murrill) Spirin & Miettinen [D:NEC]

Gen.848 *Daedalea* Pers.

Daedalea ambigua Berk. [D:JPN]

Daedalea aurea Pers. [D:JPN]

Daedalea dickinsii Yasuda [D:NEC/FER/KOR/JPN]

Gen.849 *Fomitopsis* P. Karst.

Fomitopsis abieticola B.K. Cui, M.L. Han & Shun Liu [D:NEC]

Fomitopsis betulina (Bull.) B.K. Cui, M.L. Han & Y.C. Dai [D:NEC/FER/MNG/KOR/JPN]

Fomitopsis castanea Imazeki [D:NEC/FER/KOR/JPN]

Fomitopsis dickinsii (Berk. ex Cooke) Spirin [D:NEC]

Fomitopsis hartmannii (Cooke) M.D. Barrett & Spirin [D:FER]

Fomitopsis incana (Lév.) Spirin & Malysheva [D:NEC]

Fomitopsis leucaena (Y.C. Dai & Niemelä) Spirin & Miettinen [D:NEC/FER]

Fomitopsis malicola (Berk. & M.A. Curtis) Spirin [D:NEC/KOR/JPN]

Fomitopsis modesta (Kuntze ex Fr.) Vlasák & Spirin [D:JPN]

Fomitopsis monomitica (Yuan Y. Chen) Spirin & Viner [D:NEC]

Fomitopsis nigra (Berk.) Spirin & Miettinen [D:NEC/KOR/JPN]

Fomitopsis nivosa (Berk.) Gilb. & Ryvarden [D:NEC]

Fomitopsis officinalis (Vill.) Bondartsev & Singer [D:NEC/FER/MNG/KOR/JPN]

Fomitopsis pinicola (Sw.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Fomitopsis primaeva (Renvall & Niemelä) Miettinen & Niemelä [D:NEC]

Fomitopsis pulvina (Pers.) Spirin & Vlasák f. [D:NEC/KOR/JPN]

Fomitopsis quercina (L.) Spirin & Miettinen [D:FER/KOR]

Fomitopsis ramentacea (Berk. & Broome) Spirin & Vlasák f. [D:NEC/FER]

Fomitopsis renehenticii (Rivoire, Trichies & Vlasák) B. Rivoire & Vlasák f. [D:NEC]

Fomitopsis sensitiva (Lloyd) R. Sasaki [D:NEC/FER/JPN]

Fomitopsis subpinicola B.K. Cui, M.L. Han & Shun Liu [D:NEC]

Fomitopsis ussuriensis (Bondartsev & Ljub.) Spirin & Miettinen [D:NEC]

Fomitopsis variiformis (Peck) Vlasák & Spirin [D:NEC]

Gen.850 *Fragifomes* B.K. Cui, M.L. Han & Y.C. Dai

Fragifomes niveomarginatus (L.W. Zhou & Y.L. Wei) B.K. Cui, M.L. Han & Y.C. Dai [D:NEC]

Gen.851 *Neoantrodia* Audet

Neoantrodia serialis (Fr.) Audet [D:NEC/FER/MNG/KOR/JPN]

Gen.852 *Niveoporofomes* B.K. Cui, M.L. Han & Y.C. Dai

Niveoporofomes spraguei (Berk. & M.A. Curtis) B.K. Cui, M.L. Han & Y.C. Dai [D:JPN]

Gen.853 *Parmastomyces* Kotl. & Pouzar

Parmastomyces kravtzevianus (Bondartsev & Parmasto) Kotl. & Pouzar [D:FER]

Parmastomyces mollissimus (Maire) Pouzar [D:NEC]

Parmastomyces taxi (Bondartsev) Y.C. Dai & Niemelä [D:NEC]

Gen.854 *Pilatoporus* Kotl. & Pouzar

Pilatoporus ostreiformis (Berk.) Zmitr. [D:NEC]

Pilatoporus palustris (Berk. & M.A. Curtis) Kotl. & Pouzar [D:NEC/JPN]

Gen.855 *Rhodofomes* Kotl. & Pouzar

Rhodofomes cajanderi (P. Karst.) B.K. Cui, M.L. Han & Y.C. Dai [D:NEC/FER/MNG/KOR/JPN]

Rhodofomes carneus (Blume & T. Nees) B.K. Cui, M.L. Han & Y.C. Dai [D:NEC/JPN]

Rhodofomes incarnatus (K.M. Kim, J.S. Lee & H.S. Jung) B.K. Cui, M.L. Han & Y.C. Dai [D:KOR]

Rhodofomes roseus (Alb. & Schwein.) Kotl. & Pouzar [D:NEC/FER/MNG/KOR/JPN]

Gen.856 *Rhodofomitopsis* B.K. Cui, M.L. Han & Y.C. Dai

Rhodofomitopsis feei (Fr.) B.K. Cui, M.L. Han & Y.C. Dai [D:JPN]

Fam. Gelatoporiaceae Miettinen,

Gen.857 *Cinereomyces* Jülich

Cinereomyces lindbladii (Berk.) Jülich [D:NEC/FER/KOR/JPN]

Gen.858 *Obba* Miettinen & Rajchenb.

Obba rivulosa (Berk. & M.A. Curtis) Miettinen & Rajchenb. [D:NEC]

Fam. Grifolaceae Jülich

Gen.859 *Grifola* Gray

Grifola frondosa (Dicks.) Gray [D:NEC/FER/MNG/KOR/JPN]

Fam. Hyphodermataceae Jülich

Gen.860 *Hyphoderma* Wallr.

Hyphoderma crystallinum C.L. Zhao & Q.X. Guan [D:KOR]

Hyphoderma karstenii Jülich [D:JPN]

Hyphoderma medioburiense (Burt) Donk [D:NEC]

Hyphoderma mopanshanense C.L. Zhao [D:FER]

Hyphoderma nudicephalum Gilb. & M. Blackw. [D:NEC]

Hyphoderma occidentale (D.P. Rogers) Boidin & Gilles [D:NEC]

Hyphoderma pilosum (Burt) Gilb. & Budington [D:JPN]

Hyphoderma puerense C.L. Zhao & Q.X. Guan [D:NEC/KOR]

Hyphoderma roseocremeum (Bres.) Donk [D:KOR]

Hyphoderma setigerum (Fr.) Donk [D:NEC/FER/MNG/KOR/JPN]

Hyphoderma sibiricum (Parmasto) J. Erikss. & Å. Strid [D:NEC/KOR]

Hyphoderma subsetigerum Sheng H. Wu [D:NEC]

Hyphoderma transiens (Bres.) Parmasto [D:NEC/KOR/JPN]

Gen.861 *Kneiffia* Fr.

Kneiffia subalutacea (P. Karst.) Bres. [D:NEC/FER/KOR]

Gen.862 *Mutatoderma* (Parmasto) C.E. Gómez

Mutatoderma mutatum (Peck) C.E. Gómez [D:NEC/KOR/JPN]

Incertae sedis

Gen.863 *Bulbillomyces* Jülich

Bulbillomyces farinosus (Bres.) Jülich [D:NEC/JPN]

Gen.864 *Erastia* Niemelä & Kinnunen

Erastia salmonicolor (Berk. & M.A. Curtis) Niemelä & Kinnunen [D:NEC/FER]

Gen.865 *Erythromyces* Hjortstam & Ryvarden

Erythromyces crocicreas (Berk. & Broome) Hjortstam & Ryvarden [D:JPN]

Gen.866 *Fabisporus* Zmitr.

Fabisporus sanguineus (L.) Zmitr. [D:NEC]

Gen.867 *Faerberia* Pouzar

Faerberia carbonaria (Alb. & Schwein.) Pouzar [D:NEC]

Gen.868 *Gyrophanopsis* Jülich

Gyrophanopsis japonica N. Maek. & Kogi [D:JPN]

Gyrophanopsis polonensis (Bres.) Stalpers & P.K. Buchanan [D:NEC/FER/JPN]

Gen.869 *Hypochnicium* J. Erikss.

Hypochnicium bombycinum (Sommerf.) J. Erikss. [D:NEC/KOR/JPN]

Hypochnicium eichleri (Bres. ex Sacc. & P. Syd.) J. Erikss. & Ryvarden [D:KOR]

Hypochnicium erikssonii Hallenb. & Hjortstam [D:NEC]

Hypochnicium longicystidiosum (S.S. Rattan) Hjortstam & Ryvarden [D:JPN]

Hypochnicium lundellii (Bourdot) J. Erikss. [D:KOR]

Hypochnicium multiforme (Berk. & Broome) Hjortstam [D:NEC/JPN]

Gen.870 *Inflatostereum* D.A. Reid

Inflatostereum glabrum (Pat.) D.A. Reid [D:NEC/JPN]

Gen.871 *Mycoleptodonoides* Nikol.

Mycoleptodonoides aitchisonii (Berk.) Maas Geest. [D:NEC/FER/KOR/JPN]

Mycoleptodonoides pergamenea (Yasuda) Aoshima & H. Furuk. [D:NEC]

Mycoleptodonoides vassiljevae Nikol. [D:NEC]

Gen.872 *Neohypochnicium* N. Maek. & R. Sugaw.

Neohypochnicium asiaticum N. Maek. & Kogi [D:JPN]

Neohypochnicium geogenium (Bres.) N. Maek. [D:NEC]

Neohypochnicium perlongicystidiosum N. Maek., Kogi & Norikura [D:JPN]

Neohypochnicium pini (Y. Jang & J.J. Kim) N. Maek. [D:KOR/JPN]

Neohypochnicium punctulatum (Cooke) N. Maek. [D:NEC/KOR/JPN]

Neohypochnicium subrigescens (Boidin) N. Maek. [D:JPN]

Gen.873 *Phanerodontia* Hjortstam & Ryvarden

Phanerodontia chrysosporium (Burds.) Hjortstam & Ryvarden [D:KOR]

Phanerodontia magnoliae (Berk. & M.A. Curtis) Hjortstam & Ryvarden [D:MNG/JPN]

Gen.874 *Resupinopostia* B.K. Cui & Shun Liu

Resupinopostia lateritia (Renvall) B.K. Cui & Shun Liu [D:NEC]

Gen.875 *Sarcodontia* Schulzer

Spongipellis quercicola Y.C. Dai & Chao G. Wang [D:NEC]

Spongipellis variispora Spirin, Miettinen & Vlasák [D:NEC]

Gen.876 *Uncobasidium* Hjortstam & Ryvarden

Uncobasidium luteolum Hjortstam & Ryvarden [D:NEC]

Fam. Incrustoporiaceae Jülich

Gen.877 *Incrustoporia* Domański

Incrustoporia biguttulata (Romell) Zmitr. [D:NEC]

Incrustoporia brevispora (Niemelä) Zmitr. [D:NEC]

Incrustoporia papyracea (A. David) Zmitr. [D:NEC]

Incrustoporia stellae (Pilát) Domański [D:NEC]

Gen.878 *Skeletocutis* Kotl. & Pouzar

Skeletocutis albomarginata (Zipp. ex Lév.) Rui Du & Y.C. Dai [D:JPN]

Skeletocutis amorpha (Fr.) Kotl. & Pouzar [D:NEC/FER/JPN]

Skeletocutis carneogrisea A. David [D:NEC]

Skeletocutis kuehneri A. David [D:NEC]

Skeletocutis lepida A. Korhonen & Miettinen [D:KOR]

Skeletocutis lilacina A. David & Jean Keller [D:NEC]

Skeletocutis mopanshanensis C.L. Zhao [D:NEC]

Skeletocutis nivea (Jungh.) Jean Keller [D:NEC/FER/KOR/JPN]

Skeletocutis ochraceocarpa Z.B. Liu, L.F. Fan, Y.C. Dai & B.K. Cui [D:NEC]

Skeletocutis ochroalba Niemelä [D:NEC]

Skeletocutis perennis Ryvarden [D:NEC]

Skeletocutis sajanensis (Parmasto) Rui Du & Y.C. Dai [D:NEC]

Skeletocutis semipileata (Peck) Miettinen & A. Korhonen [D:NEC]

Skeletocutis subincarnata (Peck) Jean Keller [D:NEC/FER]

Skeletocutis sublilacina Z.B. Liu, Y.C. Dai & Yuan Yuan [D:NEC]

Skeletocutis subvulgaris Y.C. Dai [D:NEC]

Skeletocutis tschulymica (Pilát) Jean Keller [D:FER]

Gen.879 *Tyromyces* P. Karst.

Tyromyces chioneus (Fr.) P. Karst. [D:NEC/FER/KOR/JPN]

Tyromyces fumidiceps G.F. Atk. [D:NEC]

Tyromyces incarnatus Imazeki [D:KOR/JPN]

Tyromyces kmetii (Bres.) Bondartsev & Singer [D:NEC/FER/MNG/KOR]

Tyromyces lacteus (Fr.) Murrill [D:NEC/FER/MNG]

Tyromyces odorus (Sacc.) Zmitr. [D:NEC]

Tyromyces sambuceus (Lloyd) Imazeki [D:KOR]

Fam. Irpicaceae Spirin & Zmitr.

Gen.880 *Byssomerulius* Parmasto

Byssomerulius albostramineus (Torrend) Hjortstam [D:NEC]

Byssomerulius corium (Pers.) Parmasto [D:NEC/FER/KOR/JPN]

Gen.881 *Candelabrochaete* Boidin

Candelabrochaete yunnanensis Lu Wang & C.L. Zhao [D:NEC]

Gen.882 *Ceriporia* Donk

Ceriporia aurantiocarnescens (Henn.) M. Pieri & B. Rivoire [D:NEC]

Ceriporia excelsa Parmasto [D:NEC]

Ceriporia ferrugineocincta (Murrill) Ryvarden [D:NEC]

Ceriporia gossypina Y.C. Dai, Chao G. Wang & Yuan Yuan [D:NEC]

Ceriporia mellita (Bourdot & Galzin) Bondartsev & Singer [as '*Ceraporia*'] [D:FER]

Ceriporia purpurea (Fr.) Donk [D:NEC/KOR/JPN]

Ceriporia reticulata (Hoffm.) Domański [D:KOR/JPN]

Ceriporia spissa (Schwein. ex Fr.) Rajchenb. [D:NEC]

Ceriporia tarda (Berk.) Ginns [D:NEC/JPN]

Ceriporia totara (G. Cunn.) P.K. Buchanan & Ryvarden [D:NEC]

Ceriporia viridans (Berk. & Broome) Donk [D:NEC/FER/KOR]

Ceriporia xylostromatoides (Berk.) Ryvarden [D:NEC]

Gen.883 *Efibula* Sheng H. Wu

Efibula avellanea (Bres.) Sheng H. Wu [D:KOR]

Efibula corymbata (G. Cunn.) Zmitr. & Spirin [D:JPN]

Efibula yunnanensis C.L. Zhao [D:KOR]

Gen.884 *Gloeoporus* Mont.

Gloeoporus ambiguus (Berk.) Zmitr. & Spirin [D:NEC]

Gloeoporus pannocinctus (Romell) J. Erikss. [D:NEC/FER/KOR]

Gen.885 *Irpex* Fr.

Irpex consors Berk. [D:NEC/KOR]

Irpex hacksungii J.S. Lee & Y.W. Lim [D:KOR]

Irpex hydnoides Y.W. Lim & H.S. Jung [D:NEC/KOR]

Irpex lacteus (Fr.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Irpex latemarginatus (Durieu & Mont.) C.C. Chen & Sheng H. Wu [D:NEC/FER/KOR]

Irpex litschaueri (Bourdot & Galzin) Kotir. & Saaren. [D:KOR]

Irpex mukhinii (Kotir. & Y.C. Dai) Kotir. & Saaren. [D:NEC]

Irpex rosettiformis C.C. Chen & Sheng H. Wu [D:FER]

Irpex vellereus Berk. & Broome [D:NEC]

Gen.886 *Leptoporus* Quél.

Leptoporus mollis (Pers.) Quél. [D:NEC/JPN]

Gen.887 *Meruliopsis* Bondartsev

Meruliopsis bella (Berk. & M.A. Curtis) Ginns [D:NEC]

Meruliopsis nanlingensis (B.K. Cui & B.S. Jia) C.C. Chen & Sheng H. Wu [D:KOR]

Meruliopsis rubicunda (Litsch.) Spirin & K.H. Larss. [D:KOR]

Meruliopsis taxicola (Pers.) Bondartsev [D:NEC/MNG/KOR/JPN]

Gen.888 *Phanerochaetella* C.C. Chen & Sheng H. Wu

Phanerochaetella angustocystidiata (Sheng H. Wu) C.C. Chen & Sheng H. Wu [D:NEC/FER/KOR]

Phanerochaetella xerophila (Burds.) C.C. Chen & Sheng H. Wu [D:KOR]

Gen.889 *Raduliporus* Spirin & Zmitr.

Raduliporus aneirinus (Sommerf.) Spirin & Zmitr. [D:NEC/FER]

Gen.890 *Resiniporus* Zmitr.

Resiniporus resinascens (Romell) Zmitr. [D:NEC]

Gen.891 *Trametopsis* Tomšovský

Trametopsis cervina (Schwein.) Tomšovský [D:NEC/FER/MNG/KOR/JPN]

Gen.892 *Vitreoporus* Zmitr.

Vitreoporus dichrous (Fr.) Zmitr. [D:NEC/FER/MNG/KOR/JPN]

Vitreoporus orientalis (P.E. Jung & Y.W. Lim) Zmitr. [D:KOR]

Fam. Ischnodermataceae Jülich

Gen.893 *Ischnoderma* P. Karst.

Ischnoderma benzoinum (Wahlenb.) P. Karst. [D:NEC/FER/MNG/KOR]

Ischnoderma resinosum (Schrad.) P. Karst. [D:NEC/FER/KOR/JPN]

Fam. Laetiporaceae Jülich

Gen.894 *Laetiporus* Murrill

Laetiporus cremeiporus Y. Ota & T. Hatt. [D:NEC/KOR]

Laetiporus miniatus (P. Karst.) Overeem [D:NEC/KOR/JPN]

Laetiporus montanus Černý ex Tomšovský & Jankovský [D:NEC]

Laetiporus sulphureus (Bull.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Gen.895 *Macrohyporia* I. Johans. & Ryvarden

Macrohyporia dictyopora (Cooke) I. Johans. & Ryvarden [D:NEC]

Gen.896 *Pseudophaeolus* Ryvarden

Pseudophaeolus soloniensis (Dubois) Spirin & B. Rivoire [D:NEC/KOR/JPN]

Gen.897 *Wolfiporiella* B.K. Cui & Shun Liu

Wolfiporiella cartilaginea (Ryvarden) B.K. Cui & Shun Liu [D:NEC]

Wolfiporiella curvispora (Y.C. Dai) B.K. Cui & Shun Liu [D:NEC]

Wolfiporiella dilatohypha (Ryvarden & Gilb.) B.K. Cui & Shun Liu [D:NEC]

Fam. Meripilaceae Jülich

Gen.898 *Meripilus* P. Karst.

Meripilus crataegi (F. Wu, Jia J. Chen & Y.C. Dai) Westph. & Rajchenb. [D:KOR]

Meripilus crocatus (Pat.) Rajchenb. & Westph. [D:NEC/JPN]

Meripilus eminens (Y.C. Dai) Rajchenb. & Westph. [D:NEC]

Meripilus giganteus (Pers.) P. Karst. [D:NEC/KOR/JPN]

Meripilus lineatus (Pers.) Westph. & Rajchenb. [D:NEC/KOR/JPN]

Meripilus pouzarii (Vampola & Vlasák) Westph. & Rajchenb. [D:NEC]

Meripilus sanguinolentus (Alb. & Schwein.) Rajchenb. & Westph. [D:NEC]

Meripilus subfurcatus (Y.C. Dai, Yuan Yuan & Chao G. Wang) Westph. & Rajchenb. [D:NEC]

Meripilus undatus (Pers.) Rajchenb. & Westph. [D:NEC]

Meripilus vitreus (Pers.) Rajchenb. & Westph. [D:NEC/KOR]

Meripilus yunnanensis (C.L. Zhao) Westph. & Rajchenb. [D:JPN]

Merismodes anomala (Pers.) Singer [D:FER]

Fam. Meruliaceae Rea

Gen.899 *Allophlebia* C.R.S. de Lira, Gibertoni & K.H. Larss.

Allophlebia ludoviciana (Burt) C.R.S. de Lira & K.H. Larss. [D:JPN]

Gen.900 *Ceriporiopsis* Domański

Ceriporiopsis albonigrescens Núñez, Parmasto & Ryvarden [D:NEC]

Ceriporiopsis jelicii (Tortič & A. David) Ryvarden & Gilb. [D:NEC]

Ceriporiopsis mucida (Pers.) Gilb. & Ryvarden [D:NEC/MNG/KOR]

Ceriporiopsis subrufa (Ellis & Dearn.) Ginns [D:NEC]

Ceriporiopsis subvermispora (Pilát) Gilb. & Ryvarden [D:NEC/KOR]

Gen.901 *Climacodon* P. Karst.

Climacodon javanicus (Pat.) Decock & Ryvarden [D:KOR/JPN]

Climacodon pulcherrimus (Berk. & M.A. Curtis) Nikol. [D:FER/JPN]

Climacodon septentrionalis (Fr.) P. Karst. [D:NEC/FER/KOR/JPN]

Gen.902 *Crustodontia* Hjortstam & Ryvarden

Crustodontia chrysocreas (Berk. & M.A. Curtis) Hjortstam & Ryvarden [D:NEC/KOR/JPN]

Gen.903 *Hermanssonia* Zmitr.

Hermanssonia centrifuga (P. Karst.) Zmitr. [D:NEC/FER]

Gen.904 *Hydnophlebia* Parmasto

Hydnophlebia acanthocystis (Gilb. & Nakasone) C.L. Zhao [D:NEC/KOR]

Hydnophlebia alachuana (Murrill) C.C. Chen & Sheng H. Wu [D:NEC/KOR]

Hydnophlebia chrysorhiza (Eaton) Parmasto [D:NEC/KOR/JPN]

Gen.905 *Merulius* Haller

Merulius tremellosus Schrad. [D:NEC/FER]

Gen.906 *Mycoacia* Donk

Mycoacia aurea (Fr.) J. Erikss. & Ryvarden [D:FER/KOR]

Mycoacia chrysella (Berk. & M.A. Curtis) H. Furuk. [D:JPN]

Mycoacia fuscoatra (Fr.) Donk [D:NEC/FER/KOR]

Mycoacia gilvescens (Bres.) Zmitr. [D:NEC/KOR]

Mycoacia heterocystidia (Sheng H. Wu) Spirin & Zmitr. [D:NEC]

Mycoacia livida (Pers.) Zmitr. [D:NEC/FER/KOR/JPN]

Mycoacia ocellata (Fr.) K.H. Larss. & Spirin [D:NEC]

Mycoaciella bispora (Stalpers) J. Erikss. & Ryvarden [D:FER]

Gen.907 *Mycoaciella* J. Erikss. & Ryvarden

Mycoaciella efibulata C.C. Chen & Sheng H. Wu [D:NEC/KOR]

Mycoaciella uda (Fr.) C.L. Zhao [D:KOR]

Gen.908 *Pappia* Zmitr.

Pappia fissilis (Berk. & M.A. Curtis) Zmitr. [D:NEC/KOR/JPN]

Gen.909 *Phlebia* Fr.

Phlebia acerina Peck [D:NEC/FER/KOR/JPN]

Phlebia coccineofulva Schwein. [D:FER/JPN]

Phlebia lilascens (Bourdot) J. Erikss. & Hjortstam [D:NEC/KOR]

Phlebia pellucida Hjortstam & Ryvarden [D:NEC]

Phlebia radiata Fr. [D:NEC/FER/KOR/JPN]

Phlebia rufa (Pers.) M.P. Christ. [D:NEC/FER/KOR/JPN]

Phlebia tremellosa (Schrad.) Nakasone & Burds. [D:NEC/MNG/KOR/JPN]

Gen.910 *Phlebiodontia* Motato-Vásq. & Westph.

Phlebiodontia fissurata (C.L. Zhao) S.H. He, Yue Li & Nakasone [D:NEC]

Gen.911 *Sarcodontia* Schulzer

Sarcodontia spumea (Sowerby) Spirin [D:NEC/FER/MNG/JPN]

Gen.912 *Scopuloides* (Massee) Höhn. & Litsch.

Scopuloides rimosa (Cooke) Jülich [D:NEC/FER/KOR/JPN]

Gen.913 *Somion* Adans.

Somion delectans (Peck) Vlasák & Spirin [D:NEC/JPN]

Somion litschaueri (Lohwag) Vlasák & Spirin [D:NEC/FER]

Gen.914 *Stereophlebia* Zmitr.

Stereophlebia pendula (Fr.) K.H. Larss. [D:NEC/FER/JPN]

Fam. Panaceae Miettinen, Justo & Hibbett

Gen.915 *Cymatoderma* Jungh.

Cymatoderma caperatum (Berk. & Mont.) D.A. Reid [D:KOR/JPN]

Cymatoderma elegans Jungh. [D:NEC/JPN]

Gen.916 *Panus* Fr.

Panus ciliatus (Lév.) T.W. May & A.E. Wood [D:NEC/FER/JPN]

Panus conchatus (Bull.) Fr. [D:NEC/FER/MNG/JPN]

Panus fulvus var. *fulvus* (Berk.) Pegler & R.W. Rayner [D:JPN]

Panus japonicus (Yasuda) Yasuda [D:JPN]

Panus johorensis Corner [D:JPN]

Panus neostrigosus Drechsler-Santos & Wartchow [D:NEC/FER/MNG/KOR/JPN]

Panus rudis Fr. [D:NEC/MNG]

Panus similis (Berk. & Broome) T.W. May & A.E. Wood [D:NEC/JPN]

Fam. Laetiporaceae Jülich

Gen.917 *Phaeolus* (Pat.) Pat.

Phaeolus asiae-orientalis Y.C. Dai & Yuan Yuan [D:NEC]

Phaeolus schweinitzii (Fr.) Pat. [D:NEC/FER/MNG/KOR/JPN]

Gen.918 *Wolfiporia* Ryvarden & Gilb.

Wolfiporia cocos (F.A. Wolf) Ryvarden & Gilb. [D:NEC/KOR/JPN]

Wolfiporia extensa (Peck) Ginns [D:JPN]

Fam. Phanerochaetaceae Jülich

Gen.919 *Atheliachaete* Spirin & Zmitr.

Atheliachaete sanguinea (Fr.) Spirin & Zmitr. [D:NEC/FER/JPN]

Gen.920 *Bjerkandera* P. Karst.

Bjerkandera adusta (Willd.) P. Karst. [D:NEC/FER/MNG/KOR/JPN]

Bjerkandera fumosa (Pers.) P. Karst. [D:NEC/FER/KOR/JPN]

Gen.921 *Cremeoderma* Sheng H. Wu & C.C. Chen

Cremeoderma unicum (H.S. Jacks. & Dearden) C.C. Chen & Sheng H. Wu [D:KOR]

Gen.922 *Efibulella* Zmitr.

Efibulella deflectens (P. Karst.) Zmitr. [D:KOR]

Gen.923 *Geliporus* Yuan Yuan

Geliporus exilisporus (Y.C. Dai & Niemelä) Yuan Yuan, Jia J. Chen & S.H. He [D:NEC]

Gen.924 *Hapalopilus* P. Karst.

Hapalopilus croceus (Pers.) Donk [D:NEC/FER/KOR/JPN]

Hapalopilus hispidulus (Berk. & M.A. Curtis) Murrill [D:NEC]

Hapalopilus phlebiiformis (Berk. ex Cooke) Ryvarden [D:NEC]

Hapalopilus rutilans (Pers.) Murrill [D:NEC/FER/MNG/KOR/JPN]

Gen.925 *Hyphodermella* J. Erikss. & Ryvarden

Hyphodermella corrugata (Fr.) J. Erikss. & Ryvarden [D:KOR/JPN]

Gen.926 *Phaeophlebiopsis* Floudas & Hibbett

Phaeophlebiopsis peniophoroides (Gilb. & Adask.) Floudas & Hibbett [D:KOR]

Phaeophlebiopsis ravenelii (Cooke) Zmitr. [D:NEC/JPN]

Phaeophlebiopsis roumeguerei (Bres.) K.H. Larss. & Ryvarden [D:JPN]

Gen.927 *Phanerochaete* P. Karst.

Phanerochaete affinis (Burt) Parmasto [D:NEC/FER]

Phanerochaete alnea (Fr.) P. Karst. [D:FER]

Phanerochaete amphibolia (Fr.) Spirin & K.H. Larss. [D:FER]

Phanerochaete australis Jülich [D:NEC]

Phanerochaete burtii (Romell ex Burt) Parmasto [D:NEC/JPN]

Phanerochaete cacao (P. Karst.) K.H. Larss. & Spirin [D:JPN]

Phanerochaete calotricha (P. Karst.) J. Erikss. & Ryvarden [D:NEC/KOR]

Phanerochaete carnosa (Burt) Parmasto [D:NEC/JPN]

Phanerochaete concrescens Spirin & Volobuev [D:KOR]

Phanerochaete laevis (Fr.) J. Erikss. & Ryvarden [D:NEC/KOR/JPN]

Phanerochaete martelliana (Bres.) J. Erikss. & Ryvarden [D:KOR]

Phanerochaete sanguineocarnosa Floudas & Hibbett [D:NEC]

Phanerochaete sinensis Y.Lin Xu, C.C. Chen & S.H. He [D:NEC]

Phanerochaete sordida (P. Karst.) J. Erikss. & Ryvarden [D:NEC/FER/KOR/JPN]

Phanerochaete stereoides Sheng H. Wu [D:NEC]

Phanerochaete velutina (DC.) P. Karst. [D:NEC/FER/KOR/JPN]

Gen.928 *Phlebiopsis* Jülich

Phlebiopsis castanea (Lloyd) Miettinen & Spirin [D:NEC/FER/KOR/JPN]

Phlebiopsis crassa (Lév.) Floudas & Hibbett [D:NEC/FER/KOR/JPN]

Phlebiopsis dregeana (Berk.) Nakasone & S.H. He [D:NEC/KOR/JPN]

Phlebiopsis flavidoalba (Cooke) Hjortstam [D:JPN]

Phlebiopsis gigantea (Fr.) Jülich [D:NEC/FER/MNG/KOR/JPN]

Phlebiopsis pilatii (Parmasto) Spirin & Miettinen [D:NEC/FER/KOR]

Gen.929 *Porostereum* Pilát

Porostereum spadiceum (Pers.) Hjortstam & Ryvarden [D:NEC/FER/KOR/JPN]

Gen.930 *Rhizochaete* Gresl.

Rhizochaete filamentosa (Berk. & M.A. Curtis) Gresl., Nakasone & Rajchenb. [D:NEC/KOR/JPN]

Rhizochaete galactites (Bourdot & Galzin) K.H. Larss. & Spirin [D:NEC]

Rhizochaete radicata (Henn.) Gresl., Nakasone & Rajchenb. [D:FER/KOR]

Rhizochaete sulphurina (P. Karst.) K.H. Larss. [D:NEC/JPN]

Gen.931 *Riopa* D.A. Reid

Riopa davidii D.A. Reid [D:NEC]

Gen.932 *Terana* Adans.

Terana coerulea (Lam.) Pers. [D:NEC/KOR/JPN]

Fam. Podoscyphaceae D.A. Reid

Gen.933 *Abortiporus* Murrill

Abortiporus biennis (Bull.) Singer [D:NEC/KOR/JPN]

Gen.934 *Podoscypha* Pat.

Podoscypha elegans (G. Mey.) Pat. [D:JPN]

Podoscypha nitidula (Berk.) Pat. [D:KOR/JPN]

Podoscypha venustula (Speg.) D.A. Reid [D:JPN]

Fam. Polyporaceae Fr. ex Corda [as 'Polyporei']

Gen.935 *Abundisporus* Ryvarden

Abundisporus fuscopurpureus (Pers.) Ryvarden [D:KOR/JPN]

Abundisporus pubertatis (Lloyd) Parmasto [D:NEC/KOR/JPN]

Abundisporus roseoalbus (Jungh.) Ryvarden [D:NEC/KOR]

Gen.936 *Amauroderma* Murrill 这个属

Amauroderma infundibuliforme Wakef. [D:NEC] 白石砬子报道

Amauroderma schomburgkii (Mont. & Berk.) Torrend [D:KOR] 韩国生物多样性数据库数据

Amauroderma scopulosum (Berk.) Imazeki [D:JPN] 中国无，日本菌物学会数据

Gen.937 *Cerioporus* Quél.

Cerioporus choseniae (Vassilkov) Zmitr. & Kovalenko [D:JPN]

Cerioporus leptocephalus (Jacq.) Zmitr. [D:NEC]

Cerioporus scutellatus (Schwein.) Zmitr. [D:NEC/FER/JPN]

Cerioporus squamosus (Huds.) Quél. [D:NEC/FER/MNG/KOR/JPN]

Cerioporus varius (Pers.) Zmitr. & Kovalenko [D:NEC/FER/MNG/KOR/JPN]

Gen.938 *Coriolopsis* Murrill

Coriolopsis byrsina (Mont.) Ryvarden [D:NEC]

Coriolopsis gallica (Fr.) Ryvarden [D:NEC/KOR/JPN]

Gen.939 *Cryptoporus* (Peck) Shear

Cryptoporus volvatus (Peck) Shear [D:NEC/FER/KOR/JPN]

Gen.940 *Trametes* Fr.

Cubamyces flavidus (Lév.) Lücking [D:FER/KOR]

Cubamyces lactineus (Berk.) Lücking [D:NEC/KOR/JPN]

Gen.941 *Cyanoporus* Y.C. Dai, W.Li Mao & Yuan Yuan

Cyanoporus fuligo (Berk. & Broome) Y.C. Dai, W.Li Mao & Yuan Yuan [D:JPN]

Gen.942 *Cystidioporia* B.K. Cui & X. Ji

Cystidioporia piceicola (Y.C. Dai) B.K. Cui & X. Ji [D:NEC]

Gen.943 *Daedaleopsis* J. Schröt.

Daedaleopsis conchiformis Imazeki [D:KOR/JPN]

Daedaleopsis confragosa (Bolton) J. Schröt. [D:NEC/FER/MNG/KOR/JPN]

Daedaleopsis nipponica Imazeki [D:NEC/KOR/JPN]

Daedaleopsis papyraceoresupinata (S. Ito & S. Imai) Imazeki [D:JPN]

Daedaleopsis sinensis (Lloyd) Y.C. Dai [D:NEC/FER]

Daedaleopsis tricolor (Bull.) Bondartsev & Singer [D:NEC/MNG/KOR/JPN]

Gen.944 *Dendrodontia* Hjortstam & Ryvarden

Dendrodontia bicolor (P.H.B. Talbot) Hjortstam & Ryvarden [D:KOR]

Gen.945 *Dentocorticium* (Parmasto) M.J. Larsen & Gilb.

Dentocorticium sulphurellum (Peck) M.J. Larsen & Gilb. [D:FER/JPN]

Dentocorticium ussuricum (Parmasto) M.J. Larsen & Gilb. [D:NEC/FER/KOR]

Gen.946 *Dichomitus* D.A. Reid

Dichomitus squalens (P. Karst.) D.A. Reid [D:NEC/FER/MNG/KOR/JPN]

Gen.947 *Donkioporia* Kotl. & Pouzar

Donkioporia expansa (Desm.) Kotl. & Pouzar [D:NEC]

Gen.948 *Earliella* Murrill

Earliella scabrosa (Pers.) Gilb. & Ryvarden [D:JPN]

Gen.949 *Echinochaete* D.A. Reid

Echinochaete maximipora Sotome & T. Hatt. [D:JPN]

Echinochaete ruficeps (Berk. & Broome) Ryvarden [D:NEC/JPN]

Echinochaete russiceps (Berk. & Broome) D.A. Reid [D:NEC/FER/JPN]

Gen.950 *Epithele* (Pat.) Pat.

Epithele typhae (Pers.) Pat. [D:JPN]

Gen.951 *Favolus* Fr.

Favolus acervatus (Lloyd) Sotome & T. Hatt. [D:NEC/KOR]

Favolus curtipes Berk. & M.A. Curtis [D:JPN]

Favolus grammocephalus (Berk.) Imazeki [D:NEC]

Favolus pseudobetulinus (Murashk. ex Pilát) Sotome & T. Hatt. [D:NEC/FER/JPN]

Favolus tenuiculus P. Beauv. [D:NEC/JPN]

Gen.952 *Fomes* (Fr.) Fr.

Fomes fomentarius (L.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Fomes fulvus (Scop.) Gillet [D:NEC]

Fomes meliae (Underw.) Murrill [D:NEC]

Gen.953 *Funalia* Pat.

Funalia aspera (Jungh.) Zmitr. & Malysheva [D:NEC/FER/KOR/JPN]

Gen.954 *Ganoderma* P. Karst.

Ganoderma amboinense (Lam.) Pat. [D:NEC]

Ganoderma applanatum (Pers.) Pat. [D:NEC/FER/MNG/KOR/JPN]

Ganoderma australe (Fr.) Pat. [D:JPN]中国无，日本菌物学会数据库

Ganoderma boninense Pat. [D:JPN]

Ganoderma carnosum Pat. [D:JPN]

Ganoderma curtisii (Berk.) Murrill [D:NEC/JPN]

Ganoderma formosissimum (Speg.) Speg. [D:NEC]

Ganoderma fornicatum (Fr.) Pat. [D:NEC]

Ganoderma lucidum (Curtis) P. Karst. [D:FER/MNG/KOR/JPN]

Ganoderma neojaponicum Imazeki [D:NEC/KOR]

Ganoderma nigrolucidum (Lloyd) D.A. Reid [D:NEC]

Ganoderma orbiforme (Fr.) Ryvarden [D:JPN]

Ganoderma resinaceum Boud. [D:NEC/JPN]

Ganoderma shangsiense J.D. Zhao [D:NEC]

Ganoderma sinense J.D. Zhao, L.W. Hsu & X.Q. Zhang [D:NEC]

Ganoderma subumbraculum Imazeki [D:NEC]

Ganoderma tropicum (Jungh.) Bres. [D:JPN]

Ganoderma tsugae Murrill [D:NEC/KOR]

Ganoderma tsunodae (Yasuda ex Lloyd) Sacc. & Trotter [D:NEC/JPN]

Ganoderma valesiacum Boud. [D:JPN]

Gen.955 *Haploporus* Bondartsev & Singer

Haploporus amarus X.L. Zeng & Y.P. Bai [D:NEC]

Haploporus odorus (Sommerf.) Bondartsev & Singer [D:NEC/JPN]

Gen.956 *Hornodermoporus* Teixeira

Hornodermoporus latissimus (Bres.) B.K. Cui & Y.C. Dai [D:NEC/KOR/JPN]

Hornodermoporus Hortiboletus arduinus N.K. Zeng, H.J. Xie & W.F. Lin [D:NEC]

Gen.957 *Lentinus* Fr.

Lentinus arcularius (Batsch) Zmitr. [D:NEC/FER/KOR/JPN]

Lentinus badius (Berk.) Berk. [D:JPN]

Lentinus brumalis (Pers.) Zmitr. [D:NEC/FER/MNG/KOR/JPN]

Lentinus connatus Berk. [D:NEC/JPN]

Lentinus crinitus (L.) Fr. [D:NEC]

Lentinus echinopus Lév. [D:FER]

Lentinus longiporus (Audet, Boulet & Sirard) Zmitr. & Kovalenko [D:JPN]

Lentinus martianoffianus Kalchbr. [D:FER]

Lentinus pilososquamulosus Lj.N. Vassiljeva [D:FER]

Lentinus polychrous Lév. [D:NEC]

Lentinus sajor-caju (Fr.) Fr. [D:KOR/JPN]

Lentinus squamosus Quél. [D:FER]

Lentinus squarrosulus Mont. [D:JPN]

Lentinus substrictus (Bolton) Zmitr. & Kovalenko [D:NEC/FER]

Lentinus tigrinus (Bull.) Fr. [D:FER/MNG/KOR/JPN]

Lentinus umbrinus Reichardt [D:JPN]

Lentinus velutinus Fr. [D:NEC]

Gen.958 *Lenzites* Fr.

Lenzites betulinus (L.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Lenzites japonicus Berk. & M.A. Curtis [D:NEC]

Lenzites kusanoi (Murrill) Teng [D:NEC]

Lenzites platyphyllus Lév. [D:NEC]

Lenzites styracinus (Henn. & Shirai) Lloyd [D:KOR/JPN]

Gen.959 *Lignosus* Lloyd ex Torrend

Lignosus rhinocerus (Cooke) Ryvarden [D:JPN]

Gen.960 *Lopharia* Kalchbr. & MacOwan

Lloydella hamamelidis (Yasuda) S. Ito [D:NEC]

Lloydella okabei S. Ito & S. Imai [D:JPN]

Gen.961 *Lopharia* Kalchbr. & MacOwan

Lopharia cinerascens (Schwein.) G. Cunn. [D:NEC/FER/KOR/JPN]

Lopharia mirabilis (Berk. & Broome) Pat. [D:NEC]

Gen.962 *Mariorajchenbergia* Gibertoni & C.R.S. de Lira

Mariorajchenbergia subcavernulosa (Y.C. Dai & Sheng H. Wu) Gibertoni & C.R.S. de Lira [D:NEC/KOR]

Gen.963 *Microporellus* Murrill

Microporellus obovatus (Jungh.) Ryvarden [D:JPN]

Gen.964 *Microporus* P. Beauv.

Microporus affinis (Blume & T. Nees) Kuntze [D:NEC/FER/KOR/JPN]

Microporus nipponicus (Yasuda) Imazeki [D:NEC/JPN]

Microporus ochrotinctus (Berk. & M.A. Curtis) Kuntze [D:JPN]

Microporus xanthopus (Fr.) Kuntze [D:JPN]

Gen.965 *Minoporus* B.K. Cui & X. Ji

Minoporus minor (Y.C. Dai & H.X. Xiong) B.K. Cui & X. Ji [D:NEC]

Gen.966 *Neodatronia* B.K. Cui, Hai J. Li & Y.C. Dai

Neodatronia sinensis B.K. Cui, Hai J. Li & Y.C. Dai [D:NEC]

Gen.967 *Neofavolus* Sotome & T. Hat*t.*

Neofavolus alveolaris (DC.) Sotome & T. Hatt. [D:NEC/KOR/JPN]

Neofavolus mikawae (Lloyd) Sotome & T. Hatt. [D:KOR/JPN]

Neofavolus suavissimus (Fr.) Seelan, Justo & Hibbett [D:NEC/FER/MNG/JPN]

Gen.968 *Neofomitella* Y.C. Dai, Hai J. Li & Vlasák

Neofomitella rhodophaea (Lév.) Y.C. Dai, Hai J. Li & Vlasák [D:NEC/KOR/JPN]

Gen.969 *Neoporia* B.K. Cui & X. Ji

Neoporia koreana (Y. Jang & J.J. Kim) B.K. Cui & X. Ji [D:KOR]

Gen.970 *Pachykytospora* Kotl. & Pouzar

Pachykytospora tuberculosa (Fr.) Kotl. & Pouzar [D:NEC/FER/JPN]

Gen.971 *Perenniporia* Murrill

Perenniporia fraxinophila (Peck) Ryvarden [D:KOR]

Perenniporia fulviseda (Bres.) Dhanda [D:JPN]

Perenniporia inflexibilis (Berk.) Ryvarden [D:NEC]

Perenniporia medulla-panis (Jacq.) Donk [D:NEC/FER/KOR/JPN]

Perenniporia ohiensis (Berk.) Ryvarden [D:NEC/KOR/JPN]

Gen.972 *Perenniporiopsis* C.L. Zhao

Perenniporiopsis minutissima (Yasuda) C.L. Zhao [D:NEC/KOR/JPN]

Gen.973 *Picipes* Zmitr. & Kovalenko

Picipes admirabilis (Peck) J.L. Zhou & B.K. Cui [D:NEC/FER]

Picipes badius (Pers.) Zmitr. & Kovalenko [D:NEC/FER/MNG/KOR/JPN]

Picipes conifericola (H.J. Xue & L.W. Zhou) J.L. Zhou & B.K. Cui [D:NEC]

Picipes melanopus (Pers.) Zmitr. & Kovalenko [D:NEC/FER/MNG/KOR]

Picipes rhizophilus (Pat.) J.L. Zhou & B.K. Cui [D:NEC]

Picipes subdictyopus (H. Lee, N.K. Kim & Y.W. Lim) B.K. Cui, X. Ji & J.L. Zhou [D:KOR]

Picipes submelanopus (H.J. Xue & L.W. Zhou) J.L. Zhou & B.K. Cui [D:NEC]

Picipes tubaeformis (P. Karst.) Zmitr. & Kovalenko [D:NEC/JPN]

Picipes ulleungensis (H. Lee, N.K. Kim & Y.W. Lim) B.K. Cui, X. Ji & J.L. Zhou [D:NEC]

Gen.974 *Podofomes* Pouzar

Podofomes mollis (Sommerf.) Gorjón [D:NEC/FER/MNG/KOR/JPN]

Podofomes stereoides (Fr.) Gorjón [D:NEC/FER/KOR/JPN]

Gen.975 *Polyporus* P. Micheli

Polyporus albiceps Peck [D:NEC]

Polyporus brevibasidiosus H. Lee, N.K. Kim & Y.W. Lim [D:KOR]

Polyporus conifericola H.J. Xue & L.W. Zhou [D:NEC]

Polyporus formosus Laubert [D:NEC]

Polyporus fraxinicola L.W. Zhou & Y.C. Dai [D:NEC/KOR/JPN]

Polyporus gracilisporus (H. Lee, N.K. Kim & Y.W. Lim) Bernicchia & Gorjón [D:KOR]

Polyporus hinoi S. Ito & S. Imai [D:JPN]

Polyporus koreanus H. Lee, N.K. Kim & Y.W. Lim [D:KOR]

Polyporus leprieurii Mont. [D:NEC/FER/JPN]

Polyporus lipsiensis (Batsch) E.H.L. Krause [D:NEC]

Polyporus mikawae Lloyd [D:JPN]

Polyporus mongolicus (Pilát) Y.C. Dai [D:NEC/FER]

Polyporus mori (Pollini) Fr. [D:NEC]

Polyporus nitidulus Berk. & M.A. Curtis [D:JPN]

Polyporus orientivarius H. Lee, N.K. Kim & Y.W. Lim [D:KOR]

Polyporus parvivarius H. Lee, N.K. Kim & Y.W. Lim [D:NEC/KOR]

Polyporus picipes Fr. [D:NEC]

Polyporus rugulosus Lév. [D:NEC/JPN]

Polyporus schimae S. Ito & S. Imai [D:JPN]

Polyporus subadmirabilis Bondartsev [D:FER]

Polyporus tuberaster (Jacq. ex Pers.) Fr. [D:NEC/KOR/JPN]

Polyporus ulleungensis H. Lee, N.K. Kim & Y.W. Lim [D:KOR]

Polyporus umbellatus (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Gen.976 *Poria* P. Browne

Poria pellicula Jungh. [D:NEC]

Poria vitellina (Schwein.) Sacc. [D:JPN]

Gen.977 *Poriella* C.L. Zhao

Poriella subacida (Peck) C.L. Zhao [D:NEC/FER/MNG/KOR/JPN]

Gen.978 *Porogramme* (Pat.) Pat.

Porogramme epimiltina (Berk. & Broome) Y.C. Dai, W.Li Mao & Yuan Yuan [D:NEC/JPN]

Gen.979 *Poronidulus* Murrill

Poronidulus conchifer (Schwein.) Murrill [D:NEC/FER/KOR/JPN]

Gen.980 *Pseudofavolus* Pat.

Pseudofavolus tenuis (Fr.) G. Cunn. [D:NEC/KOR/JPN]

Gen.981 *Rhizoperenniporia* B.K. Cui & X. Ji, in Ji

Rhizoperenniporia japonica (Yasuda) B.K. Cui & X. Ji [D:NEC]

Gen.982 *Royoporus* A.B. De

Royoporus spatulatus (Jungh.) A.B. De [D:JPN]

Gen.983 *Sanguinoderma* Y.F. Sun, D.H. Costa & B.K. Cui

Sanguinoderma rugosum (Blume & T. Nees) Y.F. Sun, D.H. Costa & B.K. Cui [D:NEC/JPN]

Gen.984 *Szczepkamyces* Zmitr.

Szczepkamyces campestris (Quél.) Zmitr. [D:NEC/KOR]

Gen.985 *Theleporus* Fr. [as '*Thelepora*']

Theleporus calcicolor (Sacc. & P. Syd.) Ryvarden [D:JPN]

Gen.986 *Tomophagus* Murrill

Tomophagus colossus (Fr.) Murrill [D:JPN]

Gen.987 *Trametes* Fr.

Trametes apiaria (Pers.) Zmitr., Wasser & Ezhov [D:NEC/JPN]

Trametes cinnabarina (Jacq.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Trametes coccinea (Fr.) Hai J. Li & S.H. He [D:NEC/KOR/JPN]

Trametes cotonea (Pat. & Har.) Ryvarden [D:JPN]

Trametes elegans (Spreng.) Fr. [D:KOR/JPN]

Trametes gibbosa (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Trametes glabrata (Lloyd) Ryvarden [D:JPN]

Trametes glabrorigens (Lloyd) Zmitr., Wasser & Ezhov [D:JPN]

Trametes hirsuta (Wulfen) Lloyd [D:NEC/FER/MNG/KOR/JPN]

Trametes hirta (P. Beauv.) Zmitr., Wasser & Ezhov [D:FER]

Trametes marianna (Pers.) Ryvarden [D:JPN]

Trametes membranacea (Sw.) Kreisel [D:NEC]

Trametes ochracea (Pers.) Gilb. & Ryvarden [D:NEC/FER/MNG/KOR/JPN]

Trametes orientalis (Yasuda) Imazeki [D:NEC/KOR/JPN]

Trametes ornata (Peck) Pilát [D:JPN]

Trametes palisotii (Fr.) Imazeki [D:NEC/KOR]

Trametes pocas (Berk.) Ryvarden [D:JPN]

Trametes polyzona (Pers.) Justo [D:NEC/KOR/JPN]

Trametes pubescens (Schumach.) Pilát [D:NEC/FER/MNG/KOR/JPN]

Trametes strumosa (Fr.) Zmitr., Wasser & Ezhov [D:NEC/KOR/JPN]

Trametes suaveolens (L.) Fr. [D:NEC/FER/KOR/JPN]

Trametes suberosa Quél. [D:NEC]

Trametes subsuaveolens B.K. Cui & Y.C. Dai [D:NEC]

Trametes trogii Berk. [D:NEC/FER/MNG/KOR/JPN]

Trametes vernicipes (Berk.) Zmitr., Wasser & Ezhov [D:NEC/KOR/JPN]

Trametes versicolor (L.) Lloyd [D:NEC/FER/MNG/KOR/JPN]

Trametes vespacea (Pers.) Zmitr., Wasser & Ezhov [D:KOR/JPN]

Trametes villosa (Sw.) Kreisel [D:NEC/KOR/JPN]

Gen.988 *Truncatoporia* B.K. Cui & X. Ji

Truncatoporia pyricola (Y.C. Dai & B.K. Cui) B.K. Cui & X. Ji [D:NEC]

Truncatoporia truncatospora (Lloyd) B.K. Cui & X. Ji [D:NEC/KOR/JPN]

Gen.989 *Truncospora* Pilát

Truncospora ochroleuca (Berk.) Pilát [D:NEC/FER/KOR/JPN]

Truncospora ornata Spirin & Bukharova [D:NEC]

Truncospora tephropora (Mont.) Zmitr. [D:JPN]

Gen.990 *Vanderbylia* D.A. Reid

Vanderbylia fraxinea (Bull.) D.A. Reid [D:NEC/KOR/JPN]

Vanderbylia robiniophila (Murrill) B.K. Cui & Y.C. Dai [D:NEC]

Gen.991 *Xanthoperenniporia* B.K. Cui & X. Ji

Xanthoperenniporia maackiae (Bondartsev & Ljub.) B.K. Cui & X. Ji [D:NEC/FER/KOR]

Xanthoperenniporia tenuis (Schwein.) B.K. Cui & X. Ji [D:NEC/FER]

Gen.992 *Yuchengia* B.K. Cui & R.B. Steffen

Yuchengia narymica (Pilát) B.K. Cui, C.L. Zhao & R.B. Steffen [D:NEC/FER]

Fam. Postiaceae B.K. Cui, Shun Liu & Y.C. Dai

Gen.993 *Amaropostia* B.K. Cui, L.L. Shen & Y.C. Dai

Amaropostia stiptica (Pers.) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC/FER/KOR]

Gen.994 *Amylocystis* Bondartsev & Singer

Amylocystis lapponica (Romell) Bondartsev & Singer [D:NEC]

Gen.995 *Calcipostia* B.K. Cui, L.L. Shen & Y.C. Dai

Calcipostia guttulata (Sacc.) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC/FER/KOR/JPN]

Gen.996 *Cyanosporus* McGinty

Cyanosporus alni (Niemelä & Vampola) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC/KOR]

Cyanosporus caesius (Schrad.) McGinty [D:NEC/FER/MNG/KOR/JPN]

Cyanosporus coeruleivirens (Corner) B.K. Cui, Shun Liu & Y.C. Dai [D:NEC/KOR]

Cyanosporus comatus (Miettinen) B.K. Cui & Shun Liu [D:NEC]

Cyanosporus hirsutus B.K. Cui & Shun Liu [D:NEC]

Cyanosporus magnus (Miettinen) B.K. Cui & Shun Liu [D:NEC]

Cyanosporus mongolicus B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Cyanosporus populi (Miettinen) B.K. Cui & Shun Liu [D:NEC]

Cyanosporus subcaesius (A. David) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Cyanosporus ungulatus B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Gen.997 *Cystidiopostia* B.K. Cui, L.L. Shen & Y.C. Dai

Cystidiopostia hibernica (Berk. & Broome) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC/FER]

Cystidiopostia inocybe (A. David & Malençon) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Cystidiopostia pileata (Parmasto) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC/FER/KOR]

Cystidiopostia simanii (Pilát) B.K. Cui, Shun Liu & L.L. Shen [D:NEC]

Cystidiopostia subhibernica B.K. Cui & Shun Liu [D:NEC]

Gen.998 *Fuscopostia* B.K. Cui, L.L. Shen & Y.C. Dai

Fuscopostia fragilis (Fr.) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC/FER/JPN]

Fuscopostia leucomallella (Murrill) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Fuscopostia subfragilis B.K. Cui & Shun Liu [D:NEC]

Gen.999 *Jahnoporus* Nuss

Jahnoporus brachiatus Spirin, Vlasák & Miettinen [D:NEC/FER]

Jahnoporus hirtus (Cooke) Nuss [D:NEC/FER/JPN]

Gen.1000 *Oligoporus* Bref.

Oligoporus pelliculosus (Berk.) Ryvarden [D:NEC]

Oligoporus rennyi (Berk. & Broome) Donk [D:NEC]

Gen.1001 *Osteina* Donk

Osteina obducta (Berk.) Donk [D:NEC/FER/JPN]

Osteina subundosa (Y.L. Wei & Y.C. Dai) B.K. Cui, Shun Liu & L.L. Shen [D:NEC]

Osteina undosa (Peck) Zmitr. [D:NEC/KOR/JPN]

Gen.1002 *Postia* Fr.

Postia amurensis Y.C. Dai & Penttilä [D:NEC]

Postia balsamea (Peck) Jülich [D:NEC/FER/KOR/JPN]

Postia ceriflua (Berk. & M.A. Curtis) Jülich [D:NEC]

Postia gloeocystidiata Y.L. Wei & Y.C. Dai [D:NEC]

Postia hirsuta L.L. Shen & B.K. Cui [D:NEC/KOR]

Postia lowei (Pilát) Jülich [D:NEC]

Postia ochraceoalba L.L. Shen, B.K. Cui & Y.C. Dai [D:NEC]

Postia ptychogaster (F. Ludw.) Vesterh. [D:FER]

Postia sericeomollis (Romell) Jülich [D:NEC]

Postia tephroleuca (Fr.) Jülich [D:NEC/FER/KOR/JPN]

Gen.1003 *Spongiporus* Murrill

Spongiporus floriformis (Quél.) Zmitr. [D:NEC/JPN]

Spongiporus gloeoporus (L.L. Shen, B.K. Cui & Y.C. Dai) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC/KOR]

Spongiporus japonicus (Y.C. Dai & T. Hatt.) B.K. Cui, Shun Liu & L.L. Shen [D:NEC]

Spongiporus leucospongia (Cooke & Harkn.) Murrill [D:KOR]

Spongiporus perdelicatus (Murrill) Zmitr. [D:NEC]

Spongiporus zebra (Y.L. Wei & W.M. Qin) B.K. Cui, L.L. Shen & Y.C. Dai [D:NEC]

Fam. Pycnoporellaceae Audet

Gen.1004 *Crustoderma* Parmasto

Crustoderma dryinum (Berk. & M.A. Curtis) Parmasto [D:NEC/FER]

Gen.1005 *Pycnoporellus* Murrill

Pycnoporellus fulgens (Fr.) Donk [D:NEC/FER/MNG/JPN]

Fam. Sarcoporiaceae Audet

Gen.1006 *Sarcoporia* P. Karst.

Sarcoporia polyspora P. Karst. [D:NEC]

Fam. Sparassidaceae Herter

Gen.1007 *Sparassis* Fr.

Sparassis brevipes Krombh. [D:NEC]

Sparassis crispa (Wulfen) Fr. [D:NEC/FER/KOR/JPN]

Sparassis latifolia Y.C. Dai & Zheng Wang [D:NEC/KOR]

Fam. Steccherinaceae Parmasto

Gen.1008 *Antella* Miettinen

Antella americana (Ryvarden & Gilb.) Ryvarden [D:NEC]

Antella niemelaei (Vampola & Vlasák) Miettinen [D:FER]

Antella chinensis (H.S. Yuan) Miettinen [D:NEC]

Gen.1009 *Antrodiella* Ryvarden & I. Johans.

Antrodiella brunneimontana (Corner) T. Hatt. [D:NEC]

Antrodiella canadensis (Overh.) Niemelä [D:NEC]

Antrodiella faginea Vampola & Pouzar [D:NEC]

Antrodiella micra Y.C. Dai [D:NEC]

Antrodiella onychoides (Egeland) Niemelä [D:NEC]

Antrodiella pallasii Renvall, Johann. & Stenlid [D:NEC/FER]

Antrodiella pallescens (Pilát) Niemelä & Miettinen [D:FER]

Antrodiella romellii (Donk) Niemelä [D:NEC]

Antrodiella semisupina (Berk. & M.A. Curtis) Ryvarden [D:NEC/FER/KOR/JPN]

Antrodiella stipitata H.S. Yuan & Y.C. Dai [D:NEC]

Antrodiella ussurii Y.C. Dai & Niemelä [D:NEC/FER/JPN]

Antrodiella versicutis (Berk. & M.A. Curtis) Gilb. & Ryvarden [D:NEC]

Gen.1010 *Butyrea* Miettinen

Butyrea japonica (Núñez & Ryvarden) Miettinen & Ryvarden [D:NEC/KOR]

Butyrea luteoalba (P. Karst.) Miettinen [D:NEC/KOR]

Gen.1011 *Cabalodontia* Piątek

Cabalodontia queletii (Bourdot & Galzin) Piątek [D:JPN]

Cabalodontia subcretacea (Litsch.) Piątek [D:KOR]

Gen.1012 *Etheirodon* Banker

Etheirodon fimbriatus (Pers.) Banker [D:NEC/FER/KOR/JPN]

Gen.1013 *Flaviporus* Murrill

Flaviporus citrinellus (Niemelä & Ryvarden) Ginns [D:NEC]

Gen.1014 *Junghuhnia* Corda

Junghuhnia collabens (Fr.) Ryvarden [D:NEC/FER/JPN]

Junghuhnia nitida (Pers.) Ryvarden [D:NEC/FER/KOR/JPN]

Junghuhnia pseudozilingiana (Parmasto) Ryvarden [D:NEC]

Gen.1015 *Loweomyces* (Kotl. & Pouzar) Jülich

Loweomyces fractipes (Berk. & M.A. Curtis) Jülich [D:KOR]

Loweomyces sibiricus (Penzina & Ryvarden) Spirin [D:NEC]

Loweomyces subgiganteus (Berk. & M.A. Curtis) Spirin [D:NEC]

Gen.1016 *Metuloidea* G. Cunn.

Metuloidea murashkinskyi (Burt) Miettinen & Spirin [D:NEC/FER/KOR/JPN]

Gen.1017 *Mycorrhaphium* Maas Geest.

Mycorrhaphium adustum (Schwein.) Maas Geest. [D:NEC/FER/JPN]

Mycorrhaphium subadustum Ting Cao & H.S. Yuan [D:NEC]

Gen.1018 *Niemelaea* Zmitr., Ezhov & Khimich

Niemelaea balaenae (Niemelä) V. Papp [D:NEC]

Niemelaea consobrina (Bres.) Zmitr., Ezhov & Khimich [D:NEC]

Niemelaea cremea (Parmasto) Zmitr., Ezhov & Khimich [D:NEC]

Gen.1019 *Nigroporus* Murrill

Nigroporus vinosus (Berk.) Murrill [D:NEC/KOR/JPN]

Gen.1020 *Steccherinum* Gray

Steccherinum aurantilaetum (Corner) Bernicchia & Gorjón [D:NEC/FER/JPN]

Steccherinum bourdotii Saliba & A. David [D:KOR/FER]

Steccherinum ciliolatum (Berk. & M.A. Curtis) Gilb. & Budington [D:JPN]

Steccherinum fimbriatellum (Peck) Miettinen [D:NEC]

Steccherinum helvolum (Zipp. ex Lév.) S. Ito [D:JPN]

Steccherinum hydneum Rick ex Maas Geest. [D:NEC]

Steccherinum lacerum (P. Karst.) Kotir. & Saaren. [D:NEC/KOR]

Steccherinum laeticolor (Berk. & M.A. Curtis) Banker [D:NEC/FER/KOR/JPN]

Steccherinum lincangense J.H. Dong & C.L. Zhao [D:NEC]

Steccherinum ochraceum (Pers. ex J.F. Gmel.) Gray [D:NEC/FER/MNG/KOR/JPN]

Steccherinum rawakense (Pers.) Banker [D:NEC/JPN]

Steccherinum robustius (J. Erikss. & S. Lundell) J. Erikss. [D:NEC/FER/KOR]

Steccherinum rubigimaculatum Y.X. Wu, J.H. Dong & C.L. Zhao [D:NEC]

Steccherinum semisupiniforme (Murrill) Miettinen [D:NEC]

Steccherinum subglobosum H.S. Yuan & Y.C. Dai [D:NEC]

Steccherinum tenuispinum Spirin, Zmitr. & Malysheva [D:FER]

Steccherinum tenuissimum C.L. Zhao & Y.X. Wu [D:NEC/KOR]

Gen.1021 *Trullella* Zmitr.

Trullella duracina (Pat.) Zmitr. [D:FER]

Gen.1022 *Xanthoporus* Audet

Xanthoporus syringae (Parmasto) Audet [D:NEC/FER]

Ord. Russulales Kreisel ex P.M. Kirk, P.F. Cannon & J.C. David

Fam. Albatrellaceae Nuss

Gen.1023 *Albatrellopsis* Teixeira

Albatrellopsis confluens (Alb. & Schwein.) Teixeira [D:NEC/KOR/JPN]

Albatrellopsis ellisii (Berk. ex Cooke & Ellis) Teixeira [D:NEC]

Gen.1024 *Albatrellus* Gray

Albatrellus cantharellus (Lloyd) Pouzar [D:JPN]

Albatrellus ovinus (Schaeff.) Kotl. & Pouzar [D:NEC/FER/JPN]

Gen.1025 *Leucogaster* R. Hesse

Leucogaster nudus (Hazsl.) Hollós [D:FER]

Gen.1026 *Scutiger* Paulet

Scutiger pes-caprae (Pers.) Bondartsev & Singer [D:NEC/FER/JPN]

Fam. Auriscalpiaceae Maas Geest.

Gen.1027 *Amylonotus* Ryvarden

Amylonotus labyrinthinus (T. Hatt.) Y.C. Dai, Jia J. Chen & B.K. Cui [D:JPN]

Gen.1028 *Artomyces* Jülich

Artomyces colensoi (Berk.) Jülich [D:NEC]

Artomyces microsporus (Qiu X. Wu & R.H. Petersen) Lickey [D:KOR]

Artomyces pyxidatus (Pers.) Jülich [D:NEC/FER/KOR/JPN]

Artomyces turgidus (Lév.) Jülich [D:KOR]

Gen.1029 *Auriscalpium* Gray

Auriscalpium vulgare Gray [D:NEC/FER/MNG/KOR/JPN]

Gen.1030 *Lentinellus* P. Karst.

Lentinellus bissus (Quél.) Kühner & Maire [D:FER]

Lentinellus brunnescens Lj.N. Vassiljeva [D:NEC/FER]

Lentinellus castoreus (Fr.) Kühner & Maire [D:NEC/FER/KOR]

Lentinellus cochleatus (Pers.) P. Karst. [D:NEC/FER/KOR/JPN]

Lentinellus dimidiatus Yu Liu & T. Bau [D:NEC]

Lentinellus flabelliformis (Bolton) S. Ito [D:NEC/FER/KOR]

Lentinellus jilinensis Yu Liu & T. Bau [D:NEC]

Lentinellus micheneri (Berk. & M.A. Curtis) Pegler [D:NEC/FER]

Lentinellus pilatii Herink [D:JPN]

Lentinellus sinensis R.H. Petersen [D:NEC]

Lentinellus tridentinus (Sacc. & P. Syd.) Singer [D:NEC]

Lentinellus ursinus (Fr.) Kühner [D:NEC/FER/KOR/JPN]

Lentinellus vulpinus (Sowerby) Kühner & Maire [D:NEC/FER/MNG/JPN]

Fam. Bondarzewiaceae Kotl. & Pouzar

Gen.1031 *Amylosporus* Ryvarden

Amylosporus campbellii (Berk.) Ryvarden [D:NEC]

Gen.1032 *Bondarzewia* Singer

Bondarzewia berkeleyi (Fr.) Bondartsev & Singer [D:JPN]

Bondarzewia mesenterica (Schaeff.) Kreisel [D:KOR/JPN]

Gen.1033 *Gloiodon* P. Karst.

Gloiodon strigosus (Sw.) P. Karst. [D:NEC/FER]

Gen.1034 *Heterobasidion* Bref.

Heterobasidion ecrustosum Tokuda, T. Hatt. & Y.C. Dai [D:KOR/JPN]

Heterobasidion insulare (Murrill) Ryvarden [D:NEC/FER/KOR/JPN]

Heterobasidion orientale Tokuda, T. Hatt. & Y.C. Dai [D:NEC/FER/KOR/JPN]

Heterobasidion parviporum Niemelä & Korhonen [D:NEC/JPN]

Heterobasidion subparviporum Y.C. Dai, Jia J. Chen & Yuan Yuan [D:NEC]

Gen.1035 *Laurilia* Pouzar

Laurilia sulcata (Burt) Pouzar [D:NEC/MNG/KOR/JPN]

Gen.1036 *Lauriliella* S.H. He & Nakasone

Lauriliella taxodii (Lentz & H.H. McKay) S.H. He & Nakasone [D:JPN]

Gen.1037 *Wrightoporia* Pouzar

Wrightoporia avellanea (Bres.) Pouzar [D:NEC/JPN]

Wrightoporia borealis Y.C. Dai [D:NEC]

Wrightoporia lenta (Overh. & J. Lowe) Pouzar [D:NEC/JPN]

Wrightoporia luteola B.K. Cui & Y.C. Dai [D:NEC]

Fam. Echinodontiaceae Donk

Gen.1038 *Amylostereum* Boidin

Amylostereum areolatum (Chaillet ex Fr.) Boidin [D:NEC/FER/KOR]

Amylostereum chailletii (Pers.) Boidin [D:NEC]

Amylostereum laevigatum (Fr.) Boidin [D:JPN]

Amylostereum orientale S.H. He & Hai J. Li [D:JPN]

Gen.1039 *Echinodontiellum* S.H. He & Nakasone

Echinodontiellum japonicum (Imazeki) S.H. He & Nakasone [D:NEC/JPN]

Gen.1040 *Echinodontium* Ellis & Everh.

Echinodontium tsugicola (Henn. & Shirai) Imazeki [D:JPN]

Fam. Hericiaceae Donk

Gen.1041 *Dentipellicula* Y.C. Dai & L.W. Zhou

Dentipellicula leptodon (Mont.) Y.C. Dai & L.W. Zhou [D:NEC]

Gen.1042 *Dentipellis* Donk

Dentipellis acystidiata Y.C. Dai, H.X. Xiong & Sheng H. Wu [D:NEC]

Dentipellis coniferarum Y.C. Dai & L.W. Zhou [D:NEC]

Dentipellis fragilis (Pers.) Donk [D:NEC/FER/KOR/JPN]

Dentipellis microspora Y.C. Dai [D:NEC]

Gen.1043 *Hericium* Pers.

Hericium abietis (Weir ex Hubert) K.A. Harrison [D:NEC]

Hericium asiaticum Koga & Thorn [D:JPN]

Hericium botryoides S. Ito & Otani [D:JPN]

Hericium cirrhatum (Pers.) Nikol. [D:NEC/MNG/KOR/JPN]

Hericium clathroides (Pall.) Pers. [D:NEC/FER]

Hericium coralloides (Scop.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Hericium erinaceus (Bull.) Pers. [D:NEC/FER/KOR/JPN]

Hericium flagellum (Scop.) Pers. [D:FER]

Gen.1044 *Laxitextum* Lentz

Laxitextum bicolor (Pers.) Lentz [D:NEC/FER/MNG/KOR/JPN]

Gen.1045 *Pseudowrightoporia* Y.C. Dai, Jia J. Chen & B.K. Cui

Pseudowrightoporia aurantipora (T. Hatt.) Y.C. Dai, Jia J. Chen & B.K. Cui [D:JPN]

Pseudowrightoporia japonica (Núñez & Ryvarden) Y.C. Dai, Jia J. Chen & B.K. Cui [D:KOR/JPN]

Pseudowrightoporia straminea (T. Hatt.) Y.C. Dai, Jia J. Chen & B.K. Cui [D:JPN]

Incertae sedis

Gen.1046 *Aleurocystidiellum* P.A. Lemke

Aleurocystidiellum subcruentatum (Berk. & M.A. Curtis) P.A. Lemke [D:NEC/FER/JPN]

Aleurocystidiellum tsugae (Yasuda ex Lloyd) S.H. He & Y.C. Dai [D:JPN]

Gen.1047 *Gloeodontia* Boidin

Gloeodontia subasperispora (Litsch.) E. Larss. & K.H. Larss. [D:NEC]

Gen.1048 *Gloeohypochnicium* (Parmasto) Hjortstam

Gloeohypochnicium analogum (Bourdot & Galzin) Hjortstam [D:NEC]

Gen.1049 *Laeticutis* Audet

Laeticutis cristata (Schaeff.) Audet [D:NEC/JPN]

Gen.1050 *Neoalbatrellus* Audet

Neoalbatrellus caeruleoporus (Peck) Audet [D:NEC/KOR/JPN]

Neoalbatrellus yasudae (Lloyd) Audet [D:KOR/JPN]

Gen.1051 *Polypus* Audet

Polypus dispansus (Lloyd) Audet [D:NEC/KOR]

Gen.1052 *Scytinostromella* Parmasto

Scytinostromella olivaceoalba (Bourdot & Galzin) Ginns & M.N.L. Lefebvre [D:KOR]

Fam. Peniophoraceae Lotsy

Gen.1053 *Asterostroma* Massee

Asterostroma cervicolor (Berk. & M.A. Curtis) Massee [D:NEC/KOR/JPN]

Asterostroma laxum Bres. [D:KOR]

Asterostroma macrosporum N. Maek. & Suhara [D:JPN]

Asterostroma muscicola (Berk. & M.A. Curtis) Massee [D:JPN]

Gen.1054 *Asterostromella* Höhn. & Litsch.

Asterostromella epiphylla (Pers.) Höhn. & Litsch. [D:FER/KOR]

Gen.1055 *Baltazaria* Leal-Dutra, Dentinger & G.W. Griff.

Baltazaria galactina (Fr.) Leal-Dutra, Dentinger & G.W. Griff. [D:NEC/FER/JPN]

Gen.1056 *Dichostereum* Pilát

Dichostereum boreale (Pouzar) Ginns & M.N.L. Lefebvre [D:NEC]

Dichostereum rhodosporum (Wakef.) Boidin & Lanq. [D:JPN]

Gen.1057 *Gloiothele* Bres.

Gloiothele citrina (Pers.) Ginns & G.W. Freeman [D:NEC/MNG/KOR/JPN]

Gloiothele lactescens (Berk.) Hjortstam [D:NEC/FER/KOR]

Gen.1058 *Peniophora* Cooke

Peniophora aurantiaca (Bres.) Höhn. & Litsch. [D:NEC]

Peniophora cinerea (Pers.) Cooke [D:NEC/JPN]

Peniophora crassitunicata Boidin, Lanq. & Gilles [D:NEC]

Peniophora erikssonii Boidin [D:JPN]

Peniophora farlowii Burt [D:JPN]

Peniophora incarnata (Pers.) P. Karst. [D:NEC/FER/KOR/JPN]

Peniophora lassa (Spirin & Kout) Y.Lin Xu & S.H. He [D:FER]

Peniophora lilacea Bourdot & Galzin [D:KOR]

Peniophora limitata (Chaillet ex Fr.) Cooke [D:NEC]

Peniophora lycii (Pers.) Höhn. & Litsch. [D:KOR]

Peniophora manshurica Parmasto [D:FER/JPN]

Peniophora nuda (Fr.) Bres. [D:JPN]

Peniophora pini (Schleich. ex DC.) Boidin [D:KOR]

Peniophora polygonia (Pers.) Bourdot & Galzin [D:NEC/FER/KOR]

Peniophora pseudoversicolor Boidin [D:NEC]

Peniophora quercina (Pers.) Cooke [D:FER/KOR/JPN]

Peniophora rufa (Fr.) Boidin [D:NEC/FER]

Peniophora rufomarginata (Pers.) Bourdot & Galzin [D:KOR]

Peniophora septentrionalis Laurila [D:MNG]

Peniophora similis (Berk. & M.A. Curtis) Massee [D:JPN]

Peniophora versicolor (Bres.) Sacc. & P. Syd. [D:JPN]

Peniophora versiformis (Berk. & M.A. Curtis) Bourdot & Galzin [D:NEC/JPN]

Peniophora violaceolivida (Sommerf.) Massee [D:FER/JPN]

Gen.1059 *Scytinostroma* Donk

Scytinostroma artocreas (Berk. & M.A. Curtis) K.H. Larss. [D:JPN]

Scytinostroma duriusculum (Berk. & Broome) Donk [D:NEC/JPN]

Scytinostroma odoratum (Fr.) Donk [D:NEC/FER/KOR/JPN]

Scytinostroma portentosum (Berk. & M.A. Curtis) Donk [D:NEC/KOR/JPN]

Scytinostroma incrustans (Pers.) Tul. & C. Tul., Annls Sci. Nat., Bot. [D:NEC]

Gen.1060 *Vararia* P. Karst.

Vararia investiens (Schwein.) P. Karst. [D:FER/JPN]

Vararia ochroleuca (Bourdot & Galzin) Donk [D:NEC]

Vararia phyllophila (Massee) D.P. Rogers & H.S. Jacks. [D:JPN]

Vararia vassilievae Parmasto [D:FER]

Fam. Russulaceae Lotsy

Gen.1061 *Arcangeliella* Cavara

Arcangeliella mitsueae S. Imai [D:JPN]

Gen.1062 *Boidinia* Stalpers & Hjortstam

Boidinia furfuracea (Bres.) Stalpers & Hjortstam [D:NEC/FER]

Boidinia lacticolor (Bres.) Hjortstam & Ryvarden [D:NEC]

Boidinia peroxydata (Rick) Hjortstam & Ryvarden [D:NEC]

Boidinia propinqua (H.S. Jacks. & Dearden) Hjortstam & Ryvarden [D:NEC]

Gen.1063 *Lactarius* Pers.

Lactarius acerrimus Britzelm. [D:NEC/FER]

Lactarius acris (Bolton) Gray [D:NEC/FER/KOR/JPN]

Lactarius akanensis S. Imai [D:JPN]

Lactarius albidoarmeniacus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius albidocinereus X.H. Wang, S.F. Shi & T. Bau [D:NEC/KOR]

Lactarius albocarneus Britzelm. [D:NEC/FER/MNG]

Lactarius alboroseus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius alpigenes Kühner [D:FER]

Lactarius alpinus Peck [D:FER]

Lactarius alutaceus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius aquizonatus Kytöv. [D:NEC/FER]

Lactarius argillaceifolius Hesler & A.H. Sm. [D:KOR]

Lactarius aspideus (Fr.) Fr. [D:FER/KOR/JPN]

Lactarius atromarginatus Verbeken & E. Horak [D:KOR]

Lactarius atrosquamulosus X. He [D:NEC]

Lactarius aurantiaco-ochraceus Lj.N. Vassiljeva [D:FER]

Lactarius aurantiacopallens H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius aurantiacus (Pers.) Gray [D:NEC/FER/MNG]

Lactarius aurantiozonatus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius austrotorminosus H.T. Le & Verbeken [D:KOR]

Lactarius avellaneus S. Imai [D:JPN]

Lactarius azonites (Bull.) Fr. [D:FER]

Lactarius badiosanguineus Kühner & Romagn. [D:NEC/FER]

Lactarius betulinus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius blennius (Fr.) Fr. [D:NEC/FER]

Lactarius bresadolanus Singer [D:FER]

Lactarius camphoratus (Bull.) Fr. [D:NEC/FER/KOR/JPN]

Lactarius castanopsidis Hongo [D:KOR/JPN]

Lactarius changbaiensis Y. Wang & Z.X. Xie [D:NEC]

Lactarius chrysorrheus Fr. [D:NEC/FER/KOR]

Lactarius ciliatus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius cinereoroseus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius cinnamomeus W.F. Chiu [D:KOR]

Lactarius circellatus Fr. [D:NEC/FER/KOR/JPN]

Lactarius citrinus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius conglutinatus X.H. Wang [D:KOR]

Lactarius controversus Pers. [D:NEC/FER/KOR/JPN]

Lactarius corrugis Peck [D:NEC/KOR/JPN]

Lactarius cremicolor H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius cucurbitoides H. Lee & Y.W. Lim [D:KOR]

Lactarius cyaneocinereus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius decipiens Quél. [D:FER/MNG]

Lactarius deliciosus (L.) Gray [D:NEC/FER/MNG/KOR/JPN]

Lactarius deterrimus Gröger [D:NEC/FER/KOR]

Lactarius dilutisalmoneus X.H. Wang, S.F. Shi & T. Bau [D:NEC]

Lactarius dryadophilus Kühner [D:FER]

Lactarius flavidulus S. Imai [D:FER/KOR]

Lactarius flavidus Boud. [D:FER]

Lactarius flexuosus Gray [D:NEC/FER/MNG]

Lactarius floridus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius fuliginosus (Fr.) Fr. [D:NEC/FER/JPN]

Lactarius fulvescens H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius fulvissimus Romagn. [D:FER]

Lactarius fuscozonarius H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius gerardii Peck [D:NEC/KOR/JPN]

Lactarius glyciosmus (Fr.) Fr. [D:NEC/FER/JPN]

Lactarius gracilis Hongo [D:NEC/KOR/JPN]

Lactarius grandisporus Lj.N. Vassiljeva [D:FER]

Lactarius griseus Peck [D:FER/JPN]

Lactarius hatsudake Nobuj. Tanaka [D:NEC/FER/KOR/JPN]

Lactarius helvus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Lactarius hepaticus Plowr. [D:FER/JPN]

Lactarius hygrophoroides Berk. & M.A. Curtis [D:NEC/FER/KOR/JPN]

Lactarius hysginus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Lactarius incarnatus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius indigo (Schwein.) Fr. [D:NEC]

Lactarius inquinatus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius kesiyae Verbeken & K.D. Hyde [D:KOR]

Lactarius lacunarum Romagn. ex Hora [D:NEC/FER]

Lactarius lepidotus Hesler & A.H. Sm. [D:FER]

Lactarius lignyotus Fr. [D:NEC/FER/KOR/JPN]

Lactarius lilacinus Fr. [D:NEC/FER]

Lactarius lividatus Berk. & M.A. Curtis [D:JPN]

Lactarius luculentus Burl. [D:FER]

Lactarius lutescens H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius luteus A. Blytt [D:FER]

Lactarius maculatus Peck [D:NEC]

Lactarius mairei Malençon [D:FER]

Lactarius mammosus Fr. [D:FER]

Lactarius microbuccinatus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius mitratus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius musteus Fr. [D:NEC/FER/MNG]

Lactarius mutabilis Peck [D:KOR]

Lactarius nanus J. Favre [D:NEC/FER]

Lactarius necator (Bull.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Lactarius neglectus X.H. Wang [D:KOR]

Lactarius nigroviolascens G.F. Atk. [D:NEC/KOR/JPN]

Lactarius obscuratus (Lasch) Fr. [D:NEC/FER/KOR/JPN]

Lactarius ogasawarashimensis S. Ito & S. Imai [D:JPN]

Lactarius olivaceorimosellus X.H. Wang, S.F. Shi & T. Bau [D:NEC]

Lactarius omphaliiformis Romagn. [D:FER/KOR]

Lactarius orientaliquietus X.H. Wang [D:KOR]

Lactarius orientitorminosus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius pallidus Pers. [D:NEC/MNG]

Lactarius parallelus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius pectinatus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius picinus Fr. [D:NEC]

Lactarius planus Umemura [D:JPN]

Lactarius pohangensis H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius porniniae Rolland [D:NEC/FER/KOR/JPN]

Lactarius pseudouvidus Kühner [D:FER]

Lactarius pterosporus Romagn. [D:NEC/FER/KOR/JPN]

Lactarius pubescens Fr. [D:NEC/FER/MNG/KOR/JPN]

Lactarius puniceus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius pusillus Bres. [D:FER]

Lactarius pyrogalus (Bull.) Fr. [D:NEC/FER/KOR]

Lactarius qinlingensis X.H. Wang [D:KOR]

Lactarius quietus (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Lactarius repraesentaneus Britzelm. [D:NEC/FER/KOR/JPN]

Lactarius resimus (Fr.) Fr. [D:NEC/FER/MNG]

Lactarius reticulisporus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius rufus (Scop.) Fr. [D:NEC/FER/MNG/JPN]

Lactarius sakamotoi S. Imai [D:NEC/FER/KOR/JPN]

Lactarius salmonicolor R. Heim & Leclair [D:FER]

Lactarius sanguifluus (Paulet) Fr. [D:FER]

Lactarius scoticus Berk. & Broome [D:FER]

Lactarius scrobiculatus (Scop.) Fr. [D:NEC/FER/KOR/JPN]

Lactarius serifluus (DC.) Fr. [D:FER]

Lactarius spadiceus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius sphagneti (Fr.) Neuhoff [D:NEC]

Lactarius spinosulus Quél. & Le Bret. [D:NEC]

Lactarius subatlanticus X.H. Wang [D:KOR]

Lactarius subdulcis (Pers.) Gray [D:NEC/FER/MNG/KOR/JPN]

Lactarius subhirtipes X.H. Wang [D:KOR]

Lactarius subindigo Verbeken & E. Horak [D:JPN]

Lactarius subomphaliformis H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius subplinthogalus Coker [D:NEC/FER/KOR/JPN]

Lactarius subzonarius Hongo [D:NEC/KOR/JPN]

Lactarius sumstinei Peck [D:KOR]

Lactarius tabidus Fr. [D:NEC/FER/KOR/JPN]

Lactarius theiogalus (Bull.) Gray [D:NEC/FER/KOR]

Lactarius torminosulus Knudsen & T. Borgen [D:FER]

Lactarius torminosus (Schaeff.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Lactarius tottoriensis Matsuura [D:JPN]

Lactarius trivialis (Fr.) Fr. [D:NEC/FER/MNG/JPN]

Lactarius turpis (Weinm.) Fr. [D:FER/KOR]

Lactarius ustulatus H. Lee, Wisitr. & Y.W. Lim [D:KOR]

Lactarius uvidus (Fr.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Lactarius vietus (Fr.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Lactarius vinaceorufescens A.H. Sm. [D:NEC/FER]

Lactarius violaceomarginatus Lj.N. Vassiljeva [D:FER]

Lactarius violascens (J. Otto) Fr. [D:NEC/FER/KOR/JPN]

Lactarius wenquanensis Y. Wang & Z.X. Xie [D:NEC]

Lactarius yazooensis Hesler & A.H. Sm. [D:NEC]

Lactarius zonarioides Kühner & Romagn. [D:NEC/FER]

Lactarius zonarius (Bull.) Fr. [D:NEC/FER/KOR/JPN]

Gen.1064 *Lactifluus* (Pers.) Roussel

Lactifluus acicularis (Van de Putte & Verbeken) Van de Putte [D:KOR]

Lactifluus albidopectinatus H. Lee & Y.W. Lim [D:KOR]

Lactifluus bertillonii (Neuhoff ex Z. Schaef.) Verbeken [D:NEC]

Lactifluus betulicola H. Lee & Y.W. Lim [D:KOR]

Lactifluus brunnescens (Verbeken) Verbeken [D:JPN]

Lactifluus curvativus H. Lee & Y.W. Lim [D:KOR]

Lactifluus glaucescens (Crossl.) Verbeken [D:NEC/KOR/JPN]

Lactifluus holophyllus H. Lee & Y.W. Lim [D:KOR]

Lactifluus koreanus H. Lee & Y.W. Lim [D:KOR]

Lactifluus longistipes H. Lee & Y.W. Lim [D:KOR]

Lactifluus luminosus H. Lee & Y.W. Lim [D:KOR]

Lactifluus luteolamellatus H. Lee & Y.W. Lim [D:KOR]

Lactifluus luteolus (Peck) Verbeken [D:FER/KOR/JPN]

Lactifluus multiseparatus H. Lee & Y.W. Lim [D:KOR]

Lactifluus ochrogalactus (Hashiya) X.H. Wang [D:KOR/JPN]

Lactifluus orientivellereus H. Lee & Y.W. Lim [D:KOR]

Lactifluus orientivolemus H. Lee & Y.W. Lim [D:KOR]

Lactifluus pallidotestaceus H. Lee & Y.W. Lim [D:KOR]

Lactifluus pergamenus (Sw.) Kuntze [D:FER/MNG/KOR]

Lactifluus pilosus (Verbeken, H.T. Le & Lumyong) Verbeken [D:NEC/KOR]

Lactifluus pinguis (Van de Putte & Verbeken) Van de Putte [D:KOR]

Lactifluus piperatus (L.) Roussel [D:NEC/FER/KOR/JPN]

Lactifluus porphyreus H. Lee & Y.W. Lim [D:KOR]

Lactifluus pseudohygrophoroides H. Lee & Y.W. Lim [D:KOR]

Lactifluus quercicola H. Lee & Y.W. Lim [D:KOR]

Lactifluus rugiformis H. Lee & Y.W. Lim [D:KOR]

Lactifluus stellatus H. Lee & Y.W. Lim [D:KOR]

Lactifluus subgerardii (Hesler & A.H. Sm.) D. Stubbe [D:KOR]

Lactifluus subpiperatus (Hongo) Verbeken [D:NEC/KOR/JPN]

Lactifluus subquercicola H. Lee & Y.W. Lim [D:KOR]

Lactifluus subvellereus (Peck) Nuytinck [D:NEC/FER/KOR/JPN]

Lactifluus subviridilacteus H. Lee & Y.W. Lim [D:KOR]

Lactifluus undulatus H. Lee & Y.W. Lim [D:KOR]

Lactifluus uyedae (Singer) Verbeken [D:KOR/JPN]

Lactifluus vellereus (Fr.) Kuntze [D:NEC/FER/KOR/JPN]

Lactifluus viridilacteus H. Lee & Y.W. Lim [D:KOR]

Lactifluus volemus (Fr.) Kuntze [D:NEC/FER/KOR/JPN]

Gen.1065 *Multifurca* Buyck & V. Hofst.

Multifurca ochricompacta (Bills & O.K. Mill.) Buyck & V. Hofst. [D:JPN]

Gen.1066 *Russula* Pers.

Russula abietiphila Wisitr., H. Lee & Y.W. Lim [D:KOR]

Russula acrifolia Romagn. [D:NEC/FER]

Russula adusta (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Russula aeruginea Lindblad ex Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula albida Peck [D:FER]

Russula albidula Peck [D:NEC]

Russula alboareolata Hongo [D:KOR/JPN]

Russula albonigra (Krombh.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula alnetorum Romagn. [D:FER]

Russula alpigenes (Bon) Bon [D:FER]

Russula alutacea (Pers.) Fr. [D:NEC/FER/MNG/JPN]

Russula amethystina Quél. [D:NEC/FER]

Russula amoena Quél. [D:NEC/FER/KOR/JPN]

Russula aquosa Leclair [D:NEC/FER]

Russula atroglauca Einhell. [D:NEC]

Russula atrorubens Quél. [D:NEC]

Russula aurantioflammans Ruots., Sarnari & Vauras [D:NEC]

Russula aurea Pers. [D:NEC/FER/KOR/JPN]

Russula aurora Krombh. [D:FER/JPN]

Russula azurea Bres. [D:NEC/FER]

Russula begonia G.J. Li, T.Z. Liu & T.Z. Wei [D:NEC]

Russula bella Hongo [D:FER/KOR/JPN]

Russula betularum Hora [D:NEC/FER]

Russula bicolor Burl. [D:NEC]

Russula blackfordiae Peck [D:FER]

Russula boninensis S. Ito & S. Imai [D:JPN]

Russula brevipes Peck [D:NEC/KOR]

Russula brunneola Burl. [D:FER]

Russula brunneoviolacea Crawshay [D:NEC/FER]

Russula caerulea Fr. [D:FER]

Russula carpini R. Girard & Heinem. [D:FER]

Russula castanopsidis Hongo [D:NEC/KOR/JPN]

Russula catillus H. Lee, M.S. Park & Y.W. Lim [D:KOR]

Russula cerolens Shaffer [D:NEC/KOR]

Russula changbaiensis G.J. Li & H.A. Wen [D:NEC]

Russula chloroides (Krombh.) Bres. [D:NEC/FER/MNG/KOR/JPN]

Russula chrysantha C.Y. Niu, T.Z. Liu & G.J. Li [D:NEC]

Russula citrinochlora Singer [D:FER]

Russula claroflava Grove [D:NEC/FER/MNG/JPN]

Russula compacta Frost [D:NEC/KOR/JPN]

Russula consobrina (Fr.) Fr. [D:FER]

Russula crustosa Peck [D:NEC/KOR/JPN]

Russula cuprea Krombh. [D:FER]

Russula cyanoxantha (Schaeff.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula decipiens (Singer) Svrček [D:NEC/FER]

Russula decolorans (Fr.) Fr. [D:NEC/FER/MNG/JPN]

Russula delica Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula densifolia Secr. ex Gillet [D:NEC/FER/KOR/JPN]

Russula earlei Peck [D:JPN]

Russula eburneoareolata Hongo [D:NEC/KOR/JPN]

Russula emetica (Schaeff.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Russula exalbicans (Pers.) Melzer & Zvára [D:NEC/FER/MNG/KOR]

Russula faginea Romagn. [D:NEC]

Russula farinipes Romell [D:NEC/FER/KOR/JPN]

Russula fellea (Fr.) Fr. [D:NEC/FER]

Russula firmula Jul. Schäff. [D:FER]

Russula flavida Frost ex Peck [D:NEC/FER/KOR/JPN]

Russula floccosa Lj.N. Vassiljeva [D:FER]

Russula foetens Pers. [D:NEC/FER/KOR/JPN]

Russula fontqueri Singer [D:NEC]

Russula fragilis Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula fragrantissima Romagn. [D:FER]

Russula furcata (Lam.) Pers. [D:NEC/FER/KOR]

Russula fusca Quél. [D:FER]

Russula gracilis Burl. [D:FER]

Russula gracillima Jul. Schäff. [D:NEC/FER/JPN]

Russula granulata Peck [D:FER/JPN]

Russula grata Britzelm. [D:NEC/FER/KOR/JPN]

Russula graveolens Romell [D:FER]

Russula grisea Fr. [D:FER/KOR]

Russula guangdongensis Z.S. Bi & T.H. Li [D:NEC]

Russula heilongjiangensis G.J. Li & R.L. Zhao [D:NEC]

Russula heterophylla (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Russula heterospora Beardslee [D:FER]

Russula hydrophila Horniček [D:NEC]

Russula insignis Quél. [D:NEC/KOR]

Russula integra (L.) Fr. [D:NEC/FER/KOR/JPN]

Russula integriformis Sarnari [D:NEC/FER]

Russula intermedia P. Karst. [D:NEC/FER]

Russula ionochlora Romagn. [D:FER]

Russula japonica Hongo [D:NEC/KOR/JPN]

Russula jilinensis G.J. Li & H.A. Wen [D:NEC]

Russula kansaiensis Hongo [D:NEC/KOR/JPN]

Russula khinganensis G.J. Li & R.L. Zhao [D:NEC]

Russula laccata Huijsman [D:FER]

Russula laeta F.H. Møller & Jul. Schäff. [D:NEC]

Russula lakhanpalii A. Ghosh, K. Das & R.P. Bhatt [D:NEC/JPN]

Russula languida Čern. & H. Raab [D:KOR]

Russula laricina Velen. [D:NEC/FER]

Russula lepidicolor Romagn. [D:NEC]

Russula lilacea Quél. [D:NEC/FER/KOR/JPN]

Russula livescens (Batsch) Quél. [D:NEC]

Russula luteotacta Rea [D:KOR]

Russula luteoviridans C. Martín [D:FER]

Russula lutescens C.Y. Niu, T.Z. Liu & G.J. Li [D:NEC]

Russula maculata Quél. [D:NEC/FER]

Russula mariae Peck [D:NEC/FER/KOR]

Russula medullata Romagn. [D:NEC]

Russula melitodes Romagn. [D:NEC]

Russula melliolens Quél. [D:JPN]

Russula minutula Velen. [D:NEC/FER]

Russula mustelina Fr. [D:NEC/FER]

Russula nana Killerm. [D:FER]

Russula nauseosa (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Russula neoemetica Hongo [D:JPN]

Russula nitida (Pers.) Fr. [D:NEC/FER/MNG]

Russula nobilis Velen. [D:NEC/FER]

Russula nuda M. Shimizu & Tonouchi [D:JPN]

Russula nuoljae Kühner [D:NEC]

Russula ochroleuca Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula odorata Romagn. [D:NEC]

Russula olivacea (Schaeff.) Fr. [D:NEC/FER/KOR/JPN]

Russula olivina Ruots. & Vauras [D:FER]

Russula omiensis Hongo [D:NEC/KOR/JPN]

Russula oreina Singer [D:FER]

Russula orientipurpurea Wisitr., H. Lee & Y.W. Lim [D:KOR]

Russula paludosa Britzelm. [D:NEC/FER/MNG]

Russula paraxerampelina C.Y. Niu, T.Z. Liu & G.J. Li [D:NEC]

Russula parazurea Jul. Schäff. [D:NEC]

Russula pascua (F.H. Møller & Jul. Schäff.) Kühner [D:FER]

Russula patouillardii Singer [D:NEC]

Russula pectinata Fr. [D:NEC/FER/KOR/JPN]

Russula pectinatoides Peck [D:NEC/FER/JPN]

Russula pelargonia Niolle [D:NEC/FER]

Russula persicina Krombh. [D:NEC/FER]

Russula photinia G.J. Li, T.Z. Liu & T.Z. Wei [D:NEC]

Russula poichilochroa Sarnari [D:NEC/KOR/JPN]

Russula polychroma Singer ex Hora [D:FER]

Russula polyphylla Peck [D:KOR]

Russula prunicolor C.Y. Niu, T.Z. Liu & G.J. Li [D:NEC]

Russula pseudodelica J.E. Lange [D:NEC/FER]

Russula pseudointegra Arnould & Goris [D:NEC/FER/JPN]

Russula pseudo-olivascens Kärcher [D:FER]

Russula puellaris Fr. [D:NEC/FER/MNG]

Russula puellula Ebbesen, F.H. Møller & Jul. Schäff. [D:NEC]

Russula pulverulenta Peck [D:FER]

Russula punctata Krombh. [D:FER]

Russula punctipes Singer [D:FER]

Russula pungens Beardslee [D:NEC]

Russula queletii Fr. [D:NEC/FER/MNG]

Russula quercina J.J. Zhou & R.Q. Ji [D:NEC]

Russula raoultii Quél. [D:KOR]

Russula rhodopus Zvára [D:JPN]

Russula risigallina (Batsch) Sacc. [D:NEC/FER/MNG/KOR]

Russula romellii Maire [D:NEC/FER]

Russula rosea Pers. [D:NEC/FER/KOR/JPN]

Russula roseipes Secr. ex Bres. [D:NEC]

Russula rubella A. Blytt [D:NEC]

Russula rubescens Beardslee [D:NEC/FER/KOR/JPN]

Russula rubiginosus R.Q. Ji, M.L. Xie & J.J. Zhou [D:NEC]

Russula ryukokuensis Shimono & T. Kasuya [D:JPN]

Russula sanguinaria (Schumach.) Rauschert [D:NEC/FER/MNG/KOR/JPN]

Russula sanguinea Fr. [D:NEC/FER/KOR/JPN]

Russula sardonia Fr. [D:NEC]

Russula seminuda (Massee & Rodway) T. Lebel [D:JPN]

Russula senecis S. Imai [D:NEC/FER/KOR]

Russula seperina Dupain [D:FER]

Russula silvestris (Singer) Reumaux [D:FER]

Russula simillima Peck [D:FER]

Russula solaris Ferd. & Winge [D:NEC]

Russula sororia (Fr.) Romell [D:NEC/KOR/JPN]

Russula sphagnophila Kauffman [D:NEC]

Russula squalida Peck [D:NEC/FER/KOR/JPN]

Russula subcompacta Britzelm. [D:FER]

Russula subdepallens Peck [D:NEC]

Russula subfoetens W.G. Sm. [D:NEC]

Russula subnigricans Hongo [D:NEC/KOR/JPN]

Russula subrubens (J.E. Lange) Bon [D:NEC/FER]

Russula substriata Jing Wang bis, X.H. Wang, Buyck & T. Bau [D:JPN]

Russula tenuiceps Kauffman [D:NEC]

Russula turci Bres. [D:NEC/FER]

Russula uncialis Peck [D:FER/JPN]

Russula vassilievae Bulach [D:FER]

Russula velenovskyi Melzer & Zvára [D:NEC/FER/JPN]

Russula ventricosipes Peck [D:FER]

Russula versicolor Jul. Schäff. [D:NEC/FER]

Russula vesca Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula veternosa Fr. [D:NEC/JPN]

Russula vinosa Lindblad [D:NEC/FER/MNG]

Russula vinosobrunnea (Bres.) Romagn. [D:FER]

Russula violacea Quél. [D:NEC/FER]

Russula violeipes Quél. [D:NEC/KOR/JPN]

Russula virescens (Schaeff.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Russula viscida Kudřna [D:FER]

Russula xerampelina (Schaeff.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Gen.1067 *Zelleromyces* Singer & A.H. Sm.

Zelleromyces scissilis (Zeller & C.W. Dodge) Trappe, T. Lebel & Castellano [D:JPN]

Fam. Stereaceae Pilát

Gen.1068 *Acanthophysellum* Parmasto

Acanthophysellum canadense (Skolko) Sheng H. Wu, Boidin & C.Y. Chien [D:NEC]

Gen.1069 *Acanthophysium* (Pilát) G. Cunn.

Acanthophysium oakesii (Berk. & M.A. Curtis) Parmasto [D:JPN]

Gen.1070 *Aleurodiscus* Rabenh. ex J. Schröt.

Aleurodiscus amorphus (Pers.) J. Schröt. [D:NEC/FER/MNG/JPN]

Aleurodiscus aurantius (Pers.) J. Schröt. [D:FER/JPN]

Aleurodiscus disciformis (DC.) Pat. [D:NEC/FER]

Aleurodiscus fujii (Sheng H. Wu) S.H. He & Yun L. Xu [D:JPN]

Aleurodiscus sagittisporus N. Maek., Y. Oba & R. Nakano [D:JPN]

Aleurodiscus stereoides Lloyd [D:NEC]

Gen.1071 *Conferticium* Hallenb.

Conferticium ochraceum (Fr.) Hallenb. [D:NEC]

Gen.1072 *Coniophorafomes* Rick

Coniophorafomes matsuzawae (Lloyd) Rick [D:JPN]

Gen.1073 *Gloeocystidiellum* Donk

Gloeocystidiellum clavuligerum (Höhn. & Litsch.) Nakasone [D:NEC]

Gloeocystidiellum convolvens (P. Karst.) Donk [D:NEC/JPN]

Gloeocystidiellum luridum (Bres.) Boidin [D:JPN]

Gloeocystidiellum porosum (Berk. & M.A. Curtis) Donk [D:NEC/FER/KOR/JPN]

Gloeocystidiellum sinense S.C. Zhang & C.L. Zhao [D:NEC]

Gen.1074 *Gloiothele* Bres.

Gloeocystidiopsis rava (Burt) S.H. He & Y.F. Cao [D:KOR]

Gen.1075 *Gloeomyces* Sheng H. Wu

Gloeomyces cerussatus (Bres.) S.H. He [D:NEC/KOR]

Gloeomyces parvisporus (Núñez & Ryvarden) S.H. He [D:NEC]

Gen.1076 *Gloeosoma* Bres.

Gloeosoma mirabile (Berk. & M.A. Curtis) Rajchenb., Pildain & C. Riquelme [D:JPN]

Gen.1077 *Megalocystidium* Jülich

Megalocystidium chinense (Pilát) S.H. He & Nakasone [D:NEC/KOR]

Megalocystidium diffissum (Sacc.) K.H. Larss. & Spirin [D:NEC/FER]

Gen.1078 *Scotoderma* Jülich

Scotoderma viride (Berk.) Jülich [D:JPN]

Gen.1079 *Stereum* Hill ex Pers.

Stereum boninense Yasuda [D:JPN]

Stereum complicatum (Fr.) Fr. [D:KOR]

Stereum gausapatum (Fr.) Fr. [D:NEC/FER/KOR/JPN]

Stereum hamamelidis Yasuda [D:JPN]

Stereum hirsutum (Willd.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Stereum japonicum Yasuda [D:JPN]

Stereum kurilense Yasuda [D:JPN]

Stereum ochraceoflavum (Schwein.) Sacc. [D:MNG/KOR/JPN]

Stereum ostrea (Blume & T. Nees) Fr. [D:NEC/FER/KOR/JPN]

Stereum pendulum R. Sasaki [D:JPN]

Stereum rimosum Berk. [D:JPN]

Stereum roseum Yasuda [D:JPN]

Stereum rugosum Pers. [D:NEC/FER/KOR/JPN]

Stereum sanguinolentum (Alb. & Schwein.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Stereum striatum (Fr.) Fr. [D:KOR]

Stereum subtomentosum Pouzar [D:NEC/FER/MNG/KOR]

Stereum umbrinum Fr. [D:NEC]

Stereum vellereum Berk. [D:NEC/JPN]

Stereum versicolor (Sw.) Fr. [D:NEC/JPN]

Gen.1080 *Xylobolus* P. Karst.

Xylobolus frustulatus (Pers.) P. Karst. [D:NEC/FER/KOR/JPN]

Xylobolus hiugensis (Imazeki) Imazeki & Hongo [D:KOR/JPN]

Xylobolus illudens (Berk.) Boidin [D:NEC/JPN]

Xylobolus princeps (Jungh.) Boidin [D:NEC/KOR/JPN]

Xylobolus spectabilis (Klotzsch) Boidin [D:NEC/KOR/JPN]

Xylobolus subpileatus (Berk. & M.A. Curtis) Boidin [D:KOR/JPN]

Fam. Xenasmataceae Oberw.

Gen.1081 *Phlebiella* P. Karst. [as '*Phebriella*']

Phlebiella vaga (Fr.) P. Karst. [D:KOR]

Gen.1082 *Xenasma* Donk

Xenasma pruinosum (Pat.) Donk [D:NEC/FER]

Ord. Sebacinales M. Weiss, Selosse, Rexer, A. Urb. & Oberw.

Fam. Sebacinaceae K. Wells & Oberw.

Gen.1083 *Ditangium* P. Karst.

Ditangium cerasi (Schumach.) Costantin & L.M. Dufour [D:FER/MNG]

Gen.1084 *Sebacina* Tul. & C. Tul.

Sebacina dendroidea (Berk. & M.A. Curtis) Lloyd [D:JPN]

Sebacina epigaea (Berk. & Broome) Bourdot & Galzin [D:FER]

Sebacina incrustans (Pers.) Tul. & C. Tul. [D:FER/MNG/KOR/JPN]

Ord. Sistotremastrales L.W. Zhou & S.L. Liu

Fam. Sistotremastraceae L.W. Zhou & S.L. Liu

Gen.1085 *Sertulicium* Spirin, Volobuev & K.H. Larss.

Sertulicium granuliferum (Hallenb.) Spirin & Volobuev [D:NEC]

Sertulicium niveocremeum (Höhn. & Litsch.) Spirin & K.H. Larss. [D:NEC/FER]

Gen.1086 *Sistotremastrum* J. Erikss.

Sistotremastrum vigilans K.H. Larss. & Spirin [D:NEC]

Ord. Stereopsidales Sjökvist, E. Larss., B.E. Pfeil & K.H. Larss.

Incertae sedis

Gen.1087 *Clavulicium Boidin*

Clavulicium macounii (Burt) J. Erikss. & Boidin ex Parmasto [D:NEC]

Fam. Stereopsidaceae Sjökvist, E. Larss., B.E. Pfeil & K.H. Larss.

Gen.1088 *Stereopsis* D.A. Reid

Stereopsis burtiana (Peck) D.A. Reid [D:FER/KOR]

Ord. Thelephorales Corner ex Oberw.

Fam. Bankeraceae Donk

Gen.1089 1093 . *Boletopsis* Fayod

Boletopsis leucomelaena (Pers.) Fayod [D:NEC/FER/KOR/JPN]

Boletopsis watlingii Blanco-Dios [D:KOR]

Gen.1090 *Hyphodontia* J. Erikss.

Hydnellum aurantiacum (Batsch) P. Karst. [D:NEC/FER/KOR/JPN]

Hydnellum brunneorubrum Y.H. Mu & H.S. Yuan [D:NEC]

Hydnellum caeruleum (Hornem.) P. Karst. [D:FER/KOR/JPN]

Hydnellum compactum (Pers.) P. Karst. [D:FER]

Hydnellum concrescens (Pers.) Banker [D:NEC/FER/KOR/JPN]

Hydnellum conigenum (Peck) Banker [D:JPN]

Hydnellum fennicum (P. Karst.) E. Larss., K.H. Larss. & Kõljalg [D:FER]

Hydnellum ferrugineum (Fr.) P. Karst. [D:FER/KOR/JPN]

Hydnellum fibulatum Y.H. Mu & H.S. Yuan [D:NEC]

Hydnellum peckii Banker [D:KOR]

Hydnellum rubidofuscum Y.H. Mu & H.S. Yuan [D:NEC]

Hydnellum scabrosum (Fr.) E. Larss., K.H. Larss. & Kõljalg [D:NEC/FER/KOR/JPN]

Hydnellum scrobiculatum (Fr.) P. Karst. [D:FER]

Hydnellum spongiosipes (Peck) Pouzar [D:NEC/FER]

Hydnellum suaveolens (Scop.) P. Karst. [D:NEC/JPN]

Hydnellum sulcatum Y.H. Mu & H.S. Yuan [D:NEC]

Hydnellum underwoodii (Banker) E. Larss., K.H. Larss. & Kõljalg [D:NEC/KOR/JPN]

Gen.1091 *Neosarcodon* Xiao L. He, Di Wang & W.H. Peng

Neosarcodon atroviridis (Morgan) Xiao L. He, Di Wang & W.H. Peng [D:JPN]

Gen.1092 *Phellodon* P. Karst.

Phellodon confluens (Pers.) Pouzar [D:NEC/FER/JPN]

Phellodon fuligineoalbus (J.C. Schmidt) R.E. Baird [D:NEC/FER/JPN]

Phellodon melaleucus (Sw. ex Fr.) P. Karst. [D:NEC/FER/KOR/JPN]

Phellodon niger (Fr.) P. Karst. [D:KOR/JPN]

Phellodon putidus (G.F. Atk.) Banker [D:JPN]

Phellodon subconfluens H.S. Yuan & F. Wu [D:NEC]

Phellodon tomentosus (L.) Banker [D:NEC/FER/KOR/JPN]

Phellodon violascens (Alb. & Schwein.) A.M. Ainsw. [D:NEC/JPN]

Gen.1093 *Sarcodon* Quél. ex P. Karst.

Sarcodon amarescens (Quél.) Quél. [D:JPN]

Sarcodon imbricatus (L.) P. Karst. [D:NEC/FER/KOR/JPN]

Sarcodon leucopus (Pers.) Maas Geest. & Nannf. [D:FER/JPN]

Fam. Thelephoraceae Chevall. [as 'Thelephoreae']

Gen.1094 *Odontia* Pers.

Odontia aculeata Yuan Yuan, Y.C. Dai & H.S. Yuan [D:NEC]

Odontia fibrosa (Berk. & M.A. Curtis) Kõljalg [D:NEC/FER/KOR]

Odontia sparsa Yuan Yuan, Y.C. Dai & H.S. Yuan [D:NEC]

Gen.1095 *Polyozellus* Murrill

Polyozellus atrofuscus (M.J. Larsen) Svant. & Kõljalg [D:FER]

Polyozellus multiplex (Underw.) Murrill [D:FER/KOR/JPN]

Polyozellus tristis (P. Karst.) Svant. & Kõljalg [D:NEC/FER]

Gen.1096 *Thelephora* Ehrh. ex Willd.

Thelephora anthocephala (Bull.) Fr. [D:NEC/FER/KOR/JPN]

Thelephora aurantiotincta Corner [D:KOR/JPN]

Thelephora bryophila (Pers.) Kõljalg, I. Saar & Svant. [D:FER]

Thelephora caryophyllea (Schaeff.) Pers. [D:FER]

Thelephora ferruginella (Bourdot & Galzin) Kõljalg, I. Saar & Svantesson [D:KOR]

Thelephora fuscella Ces. ex Lloyd [D:KOR]

Thelephora lilacinogrisea (Wakef.) Kõljalg, I. Saar & Svant. [D:FER]

Thelephora multipartita Schwein. [D:NEC/FER/KOR/JPN]

Thelephora pallidocastanea (X. Lu, Y.H. Mu & H.S. Yuan) Kõljalg, I. Saar & Svant. [D:NEC]

Thelephora palmata (Scop.) Fr. [D:NEC/FER/MNG/KOR/JPN]

Thelephora penicillata (Pers.) Fr. [D:NEC/FER/KOR/JPN]

Thelephora pilosa (Burt) Kõljalg, I. Saar & Svant. [D:FER/KOR]

Thelephora stuposa (Link) Kõljalg, I. Saar & Svant. [D:FER]

Thelephora tenuirhizomorpha (X. Lu, Y.H. Mu & H.S. Yuan) Kõljalg, I. Saar & Svant. [D:NEC]

Thelephora terrestris Ehrh. ex Fr. [D:NEC/FER/MNG/KOR/JPN]

Thelephora vialis Schwein. [D:MNG/JPN]蒙古国文献，日本菌物学会数据

Gen.1097 *Tomentella* Pers. ex Pat.

Tomentella botryoides (Schwein.) Bourdot & Galzin [D:FER]

Tomentella coerulea Höhn. & Litsch. [D:FER]

Tomentella crinalis (Fr.) M.J. Larsen [D:NEC/FER/JPN]

Tomentella fusca (Pers.) J. Schröt. [D:FER/JPN]

Tomentella lateritia Pat. [D:FER]

Tomentella punicea (Alb. & Schwein.) J. Schröt. [D:FER]

Tomentella radiosa (P. Karst.) Rick [D:FER]

Tomentella terrestris (Berk. & Broome) M.J. Larsen [D:FER/MNG/KOR]

Ord. Trechisporales K.H. Larss.

Fam. Hydnodontaceae Jülich

Gen.1098 *Brevicellicium* K.H. Larss. & Hjortstam

Brevicellicium olivascens (Bres.) K.H. Larss. & Hjortstam [D:NEC/JPN]

Gen.1099 *Fibrodontia* Parmasto

Fibrodontia alba Yurchenko & Sheng H. Wu [D:NEC]

Gen.1100 *Luellia* K.H. Larss. & Hjortstam

Luellia recondita (H.S. Jacks.) K.H. Larss. & Hjortstam [D:FER]

Gen.1101 *Subulicystidium* Parmasto

Subulicystidium boreale S.L. Liu & L.W. Zhou [D:NEC]

Subulicystidium brachysporum (P.H.B. Talbot & V.C. Green) Jülich [D:FER]

Subulicystidium longisporum (Pat.) Parmasto [D:NEC]

Subulicystidium perlongisporum Boidin & Gilles [D:NEC/FER]

Subulicystidium yunnanense J.H. Dong & C.L. Zhao [D:NEC]

Gen.1102 *Trechispora* P. Karst.

Trechispora byssinella (Bourdot) Liberta [D:FER]

Trechispora candidissima (Schwein.) Bondartsev & Singer [D:NEC]

Trechispora cohaerens (Schwein.) Jülich & Stalpers [D:NEC/FER]

Trechispora farinacea (Pers.) Liberta [D:NEC/FER/KOR/JPN]

Trechispora hymenocystis (Berk. & Broome) K.H. Larss. [D:NEC]

Trechispora laevispora Z.B. Liu, Y.D. Wu & Yuan Yuan [D:NEC]

Trechispora molliuscula (Hjortstam & Ryvarden) K.H. Larss. [D:NEC]

Trechispora mollusca (Pers.) Liberta [D:NEC/FER/MNG/KOR/JPN]

Trechispora nivea (Pers.) K.H. Larss. [D:FER]

Trechispora odontioidea K.Y. Luo & C.L. Zhao [D:NEC]

Trechispora silvae-ryae (J. Erikss. & Ryvarden) K.H. Larss. [D:NEC/FER]

Trechispora sinensis S.L. Liu, L.W. Zhou & S.H. He [D:NEC]

Trechispora stevensonii (Berk. & Broome) K.H. Larss. [D:NEC]

Ord. Tremellodendropsidales Vizzini

Fam. Tremellodendropsidaceae Jülich

Gen.1103 *Tremellodendropsis* (Corner) D.A. Crawford

Tremellodendropsis tuberosa (Grev.) D.A. Crawford [D:FER/JPN]

Ord. Xenasmatellales L.W. Zhou & S.L. Liu

Fam. Xenasmatellaceae L.W. Zhou & S.L. Liu

Gen.1104 *Xenasmatella* Oberw.

Xenasmatella ardosiaca (Bourdot & Galzin) Stalpers [D:NEC]

Xenasmatella vaga (Fr.) Stalpers [D:NEC/FER]

Xenasmatella wuliangshanensis (C.L. Zhao) G. Gruhn & Trichies [D:NEC]

Cla. Dacrymycetes Doweld

Ord. Dacrymycetales Henn.

Fam. Dacrymycetaceae J. Schröt. [as 'Dacrymycetini']

Gen.1105 *Calocera* (Fr.) Fr.

Calocera alba Kobayasi [D:JPN]

Calocera coralloides Kobayasi [D:NEC/FER/JPN]

Calocera cornea (Batsch) Fr. [D:NEC/FER/KOR/JPN]

Calocera corniformis Kobayasi [D:JPN]

Calocera flavida Lloyd [D:JPN]

Calocera furcata (Fr.) Fr. [D:NEC/FER/JPN]

Calocera fusca Lloyd [D:NEC/FER]

Calocera glossoides (Pers.) Fr. [D:NEC/FER]

Calocera sinensis McNabb [D:NEC/FER]

Calocera velutina T. Bau & Xia Wang [D:NEC]

Calocera viscosa (Pers.) Bory [D:NEC/FER/KOR/JPN]

Gen.1106 *Dacrymyces* Nees [as '*Dacryomyces*']

Dacrymyces applanatus Kobayasi [D:JPN]

Dacrymyces aurantiacus Henn. [D:NEC]

Dacrymyces australis Lloyd [D:NEC]

Dacrymyces capitatus Schwein. [D:NEC/FER]

Dacrymyces chrysocomus (Bull.) Tul. [D:NEC/FER]

Dacrymyces chrysospermus Berk. & M.A. Curtis [D:NEC/FER/MNG/KOR/JPN]

Dacrymyces jauensis T. Bau & Xia Wang [D:NEC]

Dacrymyces kobayasii Shirouzu & Hosoya [D:JPN]

Dacrymyces minor Peck [D:NEC/FER/JPN]

Dacrymyces nikkomontanus Kobayasi [D:JPN]

Dacrymyces pezizoides Kobayasi [D:JPN]

Dacrymyces puniceus Kobayasi [D:NEC/JPN]

Dacrymyces roseotinctus Lloyd [D:NEC/FER/JPN]

Dacrymyces san-augustinii Kobayasi [D:JPN]

Dacrymyces spathularia (Schwein.) Alvarenga [D:NEC/FER/KOR/JPN]

Dacrymyces stillatus Nees [D:NEC/FER/JPN]

Dacrymyces subalpinus Kobayasi [D:JPN]

Dacrymyces tremellosus Kobayasi [D:JPN]

Dacrymyces variisporus McNabb [D:FER/KOR]

Gen.1107 *Dacryomitra* Tul. & C. Tul.

Dacryomitra stipitata Burt [D:JPN]

Gen.1108 *Dacryopinax* G.W. Martin

Dacryopinax manghanensis T. Bau & Xia Wang [D:NEC]

Gen.1109 *Ditiola* Fr.

Ditiola abieticola D.A. Reid [D:NEC/FER]

Ditiola orientalis (Kobayasi) Govorova [D:JPN]

Ditiola peziziformis (Lév.) D.A. Reid [D:NEC/FER/JPN]

Ditiola radicata (Alb. & Schwein.) Fr. [D:NEC/FER]

Gen.1110 *Guepiniopsis* Pat.

Guepiniopsis alpina (Tracy & Earle) Brasf. [D:JPN]

Guepiniopsis buccina (Pers.) L.L. Kenn. [D:FER/JPN]

Guepiniopsis estonica (Raitv.) M. Dueñas [D:NEC/FER]

Guepiniopsis pengiana B. Liu & L. Fan [D:NEC]

Cla. Tremellomycetes Doweld

Ord. Filobasidiales Jülich

Fam. Filobasidiaceae L.S. Olive

Gen.1111 *Syzygospora* G.W. Martin

Syzygospora mycophaga (M.P. Christ.) Hauerslev [D:FER]

Incertae sedis

Fam. Phaeotremellaceae Yurkov & Boekhout

Gen.1112 *Phaeotremella* Rea

Phaeotremella eugeniae Malysheva [D:NEC]

Phaeotremella fimbriata (Pers.) Spirin & Malysheva [D:FER/KOR/JPN]

Phaeotremella foliacea (Pers.) Wedin, J.C. Zamora & Millanes [D:NEC/FER/MNG/KOR/JPN]

Phaeotremella frondosa (Fr.) Spirin & Malysheva [D:NEC]

Phaeotremella roseotincta (Lloyd) Malysheva [D:NEC]

Phaeotremella yunnanensis L.F. Fan, F. Wu & Y.C. Dai [D:NEC]

Ord. Tremellales Fr. [as 'Tremellinae']

Fam. Naemateliaceae Xin Zhan Liu, F.Y. Bai, M. Groenew. & Boekhout

Gen.1113 *Naematelia* Fr.

Naematelia aurantia (Schwein.) Burt [D:JPN]

Naematelia encephala (Pers.) Fr. [D:NEC/FER/JPN]

Naematelia microspora (Lloyd) Millanes & Wedin [D:NEC]

Fam. Sirobasidiaceae Lindau

Gen.1114 *Sirobasidium* Lagerh. & Pat.

Sirobasidium apiculatum M. Yamada, Endoh & Degawa [D:JPN]

Sirobasidium japonicum Kobayasi [D:NEC]

Sirobasidium jilinense T. Bau & Xia Wang [D:NEC]

Sirobasidium sanguineum Lagerh. & Pat. [D:NEC]

Fam. Tremellaceae Fr. [as 'Tremellini']

Gen.1115 *Tremella* Pers.

Tremella boninensis (Kobayasi) S. Ito & S. Imai [D:JPN]

Tremella candida Pers. [D:JPN]

Tremella caulicola Kobayasi [D:NEC]

Tremella cinnabarina Bull. [D:NEC/FER/JPN]

Tremella coalescens L.S. Olive [D:JPN]

Tremella dysenterica Möller [D:NEC/FER]

Tremella fibulifera Möller [D:NEC]

Tremella flammea Kobayasi [D:NEC]

Tremella flava Chee J. Chen [D:NEC]

Tremella fuciformis Berk. [D:NEC/FER/KOR/JPN]

Tremella globispora D.A. Reid [D:KOR]

Tremella iduensis Kobayasi [D:NEC/JPN]

Tremella incrustans Kobayasi [D:JPN]

Tremella mesenterica (Schaeff.) Pers. [D:NEC/FER/MNG/KOR/JPN]

Tremella neofibulifera Kobayasi [D:NEC/JPN]

Tremella pulvinalis Kobayasi [D:NEC/KOR/JPN]

Tremella samoensis Lloyd [D:NEC/JPN]

Tremella yokohamensis (Alshahni, Satoh & Makimura) Yurkov [D:NEC/KOR]