

CBIB SEVENTH UPDATE (UD7) (Ainsworth, A.M. & Henrici, A. 2016)

The online CBIB database (<http://www.basidiochecklist.info/index.htm>) continues to be updated, principally by A.M. Ainsworth (RBG, Kew) & A. Henrici and supported by P.M. Kirk (RBG, Kew) with specialist assistance from D.J. Schafer (ink caps) and G.G. Kibby (*Russula*). It incorporates data published in the printed Checklist (Legon & Henrici 2005) together with the additions and modifications recorded in this series of Updates and other more minor amendments submitted electronically to PMK. As was the case for UD6, priority has been accorded to new additions to, and exclusions from, the British and Irish list. Approximately 278 net additions (326 additions and 48 exclusions), almost all at species level, have been made to the checklist since the publication of Legon & Henrici (2005) yielding an average of ca. 25 net additions per annum since the book was printed eleven years ago.

Changes to higher taxa

CBIB, as the name implies, is a checklist of the phylum *Basidiomycota* and originally recognised the three classes *Basidiomycetes*, *Urediniomycetes* and *Ustilaginomycetes*. These have now been raised to the rank of subphyla [e.g. Hibbett *et al. Mycological Research* 111(5): 509–547. (2007)] respectively becoming *Agaricomycotina*, *Pucciniomycotina* and *Ustilaginomycotina*. Hibbett *et al.* (2007) also recognised two further classes of *Basidiomycota* unassigned to any of these three subphyla: *Wallemiomycetes* for a single species *Wallemia sebi* (added in UD6 as not previously recognised as basidiomycetous), and *Entorrhizomycetes* formerly regarded as *Ustilaginomycetes* causing root galls of rushes, sedges and their allies. Recent molecular analysis [Bauer *et al. PloS ONE* 10(7): e0128183. doi:10.1371/journal.pone.0128183 (2015)] indicates that the small (14 spp.) genus *Entorrhiza* forms a sister lineage to *Basidiomycota* and *Ascomycota* and should therefore be recognised as a new phylum *Entorrhizomycota*. In the absence of current British checklists for other fungal phyla, *Entorrhiza* is, for now, retained within the online CBIB database.

ADDITIONS & AMENDMENTS TO LIST OF INCLUDED TAXA

BASIDIOMYCOTA, AGARICOMYCOTINA

ACANTHOBASIDIUM Oberw., *Sydowia* 19(1-6): 45 (1965) [1966]

Type: *Acanthobasidium delicatum* (Wakef.) Oberw. ex Jülich

delicatum (Wakef.) Oberw. ex Jülich, *Persoonia* 10(3): 335 (1979)

Acanthobasidium phragmitis Boidin, Lanq., Cand., Gilles & Hugueneay, in Boidin, Lanquetin, Gilles, Candoussau & Hugueneay, *Bull. trimest. Soc. mycol. Fr.* 101(4): 345 (1986) [1985]

Aleurodiscus phragmitis (Boidin, Lanq., Cand., Gilles & Hugueneay) Núñez & Ryvardeen, *Syn. Fung.* (Oslo) 12: 123 (1997)

Name changed from *Aleurodiscus delicatus*. *Aleurodiscus phragmitis* has undergone a corresponding name change and is now reduced to a synonym (K.-H. Larsson pers. comm).

norvegicum (J. Erikss. & Ryvardeen) Boidin, Lanq., Cand., Gilles & Hugueneay, in Boidin, Lanquetin, Gilles, Candoussau & Hugueneay, *Bull. trimest. Soc. mycol. Fr.* 101(4): 341 (1986) [1985]

Name changed from *Aleurodiscus norvegicus*.

ACANTHOPHYSIUM (Pilát) G. Cunn., *Bull. N.Z. Dept. Sci. Industr. Res., Pl. Dis. Div.* 145: 150 (1963)

Type: *Acanthophysium apricans* (Bourdot) G. Cunn.

apricans (Bourdot) G. Cunn., *Bull. N.Z. Dept. Sci. Industr. Res., Pl. Dis. Div.* 145: 155 (1963)

Name changed from *Aleurodiscus apricans*.

Agrocybe elatella (P. Karst.) Vesterh., *Nordic JI Bot.* 9(3): 317 (1989)

Roumeguerites elatellus P. Karst., *Meddn Soc. Fauna Flora fenn.* 9: 43 (1882)

An earlier name and hence a name change (fide FAN6) for the species previously listed as *A. paludosa*.

Agrocybe paludosa (J.E. Lange) Kühner & Romagn. ex Bon, *Docums Mycol.* 18 (no. 69): 37 (1987)

Now a synonym of *A. elatella* (q.v.). Note amended authors and publication citation because *A. paludosa* (J.E. Lange) Kühner & Romagn., *Fl. Analyt. Champ. Supér.* (Paris): 341 (1953) is invalid.

ALEUROBOTRYS Boidin, in Boidin, Lanquetin, Gilles, Candoussau & Hugueneu, *Bull. trimest. Soc. mycol. Fr.* 101(4): 340 (1986) [1985]

Type: *Aleurobotrys botryosus* (Burt) Boidin, Lanq. & Gilles

botryosus (Burt) Boidin, Lanq. & Gilles, in Boidin, Lanquetin, Gilles, Candoussau & Hugueneu, *Bull. trimest. Soc. mycol. Fr.* 101(4): 355 (1986) [1985]

E: ! W: ! O: Channel Islands: !

H: On dead attached woody stems. British material usually in habitats with strong Atlantic climatic influence such as on coastal *Lonicera*, *Rosa* and *Rubus*.

Name changed from *Aleurodiscus botryosus* in the light of DNA sequence analysis (Larsson & Larsson, *Mycologia* 95(6): 1037–1065, 2003) with replacement distribution and habitat details.

Aleurodiscus apricans Bourdot

Name changed to *Acanthophysium apricans* (q.v.).

Aleurodiscus botryosus Burt

Name changed to *Aleurobotrys botryosus* (q.v.).

Aleurodiscus delicatus Wakef.

Name changed to *Acanthobasidium delicatum* (q.v.).

Aleurodiscus norvegicus J. Erikss. & Ryvarde

Name changed to *Acanthobasidium norvegicum* (q.v.).

Aleurodiscus phragmitis (Boidin, Lanq., Cand., Gilles & Hugueneu) Núñez & Ryvarde

Name changed to *Acanthobasidium phragmitis* and reduced to a synonym of *Acanthobasidium delicatum* (q.v.).

Amanita gemmata (Fr.) Bertill.

Agaricus gemmatus Fr., *Episc. syst. mycol.*: 12 (1838)

Amanitopsis gemmata (Fr.) Sacc., *Syll. fung.* 5: 25 (1887)

The above names to be included within the synonymy of *A. muscaria*. *Amanita junquillea* Qué. (listed as a synonym of *A. gemmata*) to become the current name of this taxon [Kibby, *FM* 17(1): 19–20 (2016)].

Antrodia citrina Bernicchia & Ryvarde

Name changed to *Fibroporia citrina* (q.v.).

Antrodia gossypium (Speg.) Ryvarde

Name changed to *Fibroporia gossypium* (q.v.).

Antrodia vaillantii (DC.) Ryvarde

Name changed to *Fibroporia vaillantii* (q.v.).

Aphanobasidium paludicola (Hjortstam & P. Roberts) Boidin & Gilles, in Boidin, Gilles & Gerard, *Cryptog. Mycol.* 25(1): 37 (2004)

Name changed from *Phlebiella paludicola*.

ARTOMYCES Jülich, *Bibliotheca Mycol.* 85: 395 (1982) [1981]

Type: *Artomyces pyxidatus* (Pers.) Jülich

pyxidatus (Pers.) Jülich, *Bibliotheca Mycol.* 85: 399 (1982) [1981]

H: On dead wood. British material on log of broadleaved tree.

D+I: *FM* 14(1): 31–32 (2013)

Refound in Britain in East Suffolk in 2012. Long thought to be extinct in Britain and previously included on this checklist supported only by a Rea icon held at K clearly depicting English material collected in Worcestershire in 1896.

Name changed from *Clavicornia pyxidata* with replacement habitat details and notes and new **D+I**.

Athelia pyriformis (M.P. Christ.) Jülich

Name changed to *Eonema pyriforme* (q.v.).

Athelopsis baculifera (Bourdot & Galzin) Jülich
Move to 'excluded' list.

Athelopsis fusioidea (Jülich) Tellería, in Tellería & Melo, *Fl. Mycol. Iberica* 1: 87 (1995)

Name changed from *Leptosporomyces fusioideus*.

ATRACTOSPOROCYBE P. Alvarado, G. Moreno & Vizzini, in Alvarado, Moreno, Vizzini, Consiglio, Manjón & Setti, *Mycologia* 107(1): 129 (2015)

Type: *Atractosporocybe inornata* (Sowerby) P. Alvarado, G. Moreno & Vizzini

inornata (Sowerby) P. Alvarado, G. Moreno & Vizzini, in Alvarado, Moreno, Vizzini, Consiglio, Manjón & Setti, *Mycologia* 107(1): 129 (2015)

Name changed from *Clitocybe inornata*.

BOTRYOBASIDIUM Donk

Botryohypochnus Donk

Add to synonymy.

isabellinum (Fr.) D.P. Rogers

Name changed from *Botryohypochnus isabellinus*.

Botryohypochnus isabellinum (Fr.) J. Erikss.

Name changed to *Botryobasidium isabellinum*.

Bovista limosa Rostr.

Move to 'excluded' list. British material now filed under *B. pusilla* (q.v.).

Bovista pusilla (Batsch) Pers., *Syn. meth. fung.* (Göttingen) 1: 138 (1801)

Lycoperdon pusillum Batsch., *Elench. fung. (Continuatio Secunda)*: 123 t. 41 f. 228 (1789)

Mis.: *Bovista limosa* sensu BritPuffb.

E: ! W: !

H: On dry sandy soils, sometimes amongst mosses in exposed locations. British material on dunes.

D+I: BritPuffb: 136–137 Figs. 103/104 (as *B. limosa*)

Rarely reported. Known from England (South Lancashire and Westmorland) and Wales (Anglesey, Carmarthenshire and Glamorganshire).

Recent molecular, ecological and morphological evidence [Larsson *et al.* *Mycological Progress* 8: 289–299. (2009)] has distinguished *Bovista pusilla*, which was lectotypified and epitypified, from *B. limosa*. The former name was previously considered to be a *nomen ambiguum* in Britain (BritPuffb) and its use was discontinued. ITS sequences derived from British material determined as *B. limosa* match those of epitypified *B. pusilla*. On this basis the British collections are now filed under *B. pusilla* (q.v.). Move from 'excluded' list and replace existing entry with the above.

BUGLOSSOPORUS Kotl. & Pouzar, *Česká Mykol.* 20: 82 (1966)

Type: *Buglossoporus quercinus* (Schrad.) Kotl. & Pouzar
Several DNA analyses [e.g. Han *et al.*, *Fungal Diversity*.

10.1007/s13225-016-0364-y (2016)] have shown that

Piptoporus quercinus is not closely related to *P. betulinus* (the generic type) and so *Buglossoporus quercinus* is reinstated on the British list.

quercinus (Schrad.) Kotl. & Pouzar, *Česká Mykol.* 20: 84 (1966)

Name changed from *Piptoporus quercinus*.

BYSSOCORTICIUM Bondartsev & Singer, *Mycologia* 36: 69 (1944)

Remove *Byssoporia* from synonymy.

terrestre (DC.) Bondartsev & Singer

Name changed to *Byssoporia terrestris* (q.v.).

BYSSOPORIA M.J. Larsen & Zak, *Canad. J. Bot.* 56: 1123 (1978)

Remove from synonymy of *Byssocorticium*.

terrestris (DC.) M.J. Larsen & Zak

Name changed from *Byssocorticium terrestre*.

Calocybe gangraenosa (Fr.) V. Hofstetter, Moncalvo, Redhead & Vilgalys, in Redhead, *Index Fungorum* 8: 1 (2012)
Name changed from *Lyophyllum gangraenosum*.

Ceraceomyces eludens K.H. Larss., in Larsson & Larsson, *Folia cryptog. Estonica* 33: 74 (1998)
Mis.: *Ceraceomyces sublaevis* sensu CNE2 and auct. mult. p.p.

S: ! W: !

H: On dead wood of coniferous and broadleaved trees.

D+I: FungEur12: 200

Collections on *Pinus* and *Quercus* (2012 onwards) at K from Montgomeryshire (Gregynog), Morayshire (Beachen Wood) and South Aberdeen (Lui Bridge). Collections filed as *C. sublaevis* (q.v.) at K require re-examination and redispotion as *C. eludens* (cystidiate, sometimes sparsely so) or *C. microsporus* (acystidiate).

Ceraceomyces microsporus K.H. Larss., in Larsson & Larsson, *Folia cryptog. Estonica* 33: 75 (1998)

Mis.: *Ceraceomyces sublaevis* sensu CNE2 and auct. mult. p.p.

S: !

H: On dead wood. British material on fallen *Pinus* branch.

D: FungEur12: 201

A sequenced collection (2013) at K from South Aberdeenshire (Balmoral), but others undoubtedly exist. Collections filed as *C. sublaevis* (q.v.) at K require re-examination and redispotion as *C. eludens* (cystidiate, sometimes sparsely so) or *C. microsporus* (acystidiate).

Ceraceomyces sublaevis (Bres.) Jülich

Move to 'excluded' list.

Ceratobasidium bulbillifaciens Diederich & Lawrey, *Lichenologist* 46: 345 (2014)

E: !

H: English collections on or with lichens on bark of broadleaved trees.

New record. Collections on *Lecidella elaeochroma* on *Fraxinus* and with *Physcia adscendens* on *Acer* at K from South Essex.

CHAMONIXIA Rolland, *Bull. Soc. mycol. Fr.* 15: 76 (1899)

Type: *Chamonixia caespitosa* Rolland

caespitosa Rolland, *Bull. Soc. mycol. Fr.* 15: 76 (1899)

W: !

H: Welsh collection in soil under *Picea* in plantation.

D+I: FM 17(2): 60-62 (2016)

New record. A collection (2015) at K from Merionethshire (roadside nr. Croesor).

CHROMOSERA Redhead, Ammirati & Norvell, *Beih. Sydowia* 10: 161 (1995)

Type: *Chromosera cyanophylla* (Fr.) Redhead, Ammirati & Norvell

The following name changes from *Hygrocybe* are required:

citrinopallida (A.H. Sm. & Hesler) Vizzini & Ercole, *Micol. Veg. Medit.* 26(1): 97 (2012) [2011]

Name changed from *Hygrocybe citrinopallida*.

lilacina (P. Karst.) Vizzini & Ercole, *Micol. Veg. Medit.* 26(1): 97 (2012) [2011]

Name changed from *Hygrocybe lilacina*.

viola (J. Geesink & Bas) Vizzini & Ercole, *Micol. Veg. Medit.* 26(1): 97 (2012) [2011]

Name changed from *Hygrocybe viola*.

xanthochroa (P.D. Orton) Vizzini & Ercole, *Micol. Veg. Medit.* 26(1): 97 (2012) [2011]

Name changed from *Hygrocybe xanthochroa*.

CINEREOMYCES Jülich, *Biblioth. Mycol.* 85: 396 (1982) [1981]

Type: *Cinereomyces lindbladii* (Berk.) Jülich

Type species treated in *Diplomitoporus* in the printed Checklist, but *Cinereomyces* now accepted as a separate genus and confirmed by sequencing data in Miettinen & Larsson [*Mycol. Progress* 10: 131-141 (2011)].

lindbladii (Berk.) Jülich

Name changed from *Diplomitoporus lindbladii*. Replace **D:** and **D+I:** sections with **D:** EurPoly1: 245-247 (as *Diplomitoporus lindbladii*), NM3: 209 (as *Diplomitoporus lindbladii*) **D+I:** B&K2: 280 346, FungEur10: 206-207 638-639 (as *Diplomitoporus lindbladii*)

Clavaria flavipes Pers.

Move from 'excluded' list, delete **Notes** and add *Clavaria straminea* to synonymy following Olariaga *et al.* [*Mycologia* 107(1): 104-122 (2015)].

Clavaria straminea Cotton

Name changed to *Clavaria flavipes* (q.v.).

Clavicornia pyxidata (Pers.) Doty

Name changed to *Artomyces pyxidatus* (q.v.).

Clavulicium delectabile (H.S. Jacks.) Hjortstam

Name changed to *Membranomyces delectabilis* (q.v.).

Clitocybe candicans (Pers.) P. Kumm.

Name changed to *Leucocybe candicans* (q.v.).

Clitocybe catinus (Fr.) Quél.

Name changed to *Infundibulicybe catinus* (q.v.).

Clitocybe costata Kühner & Romagn.

Name changed to *Infundibulicybe costata* (q.v.).

Clitocybe geotropa (Bull.) Quél.

Name changed to *Infundibulicybe geotropa* (q.v.).

Clitocybe gibba (Pers.) P. Kumm.

Name changed to *Infundibulicybe gibba* (q.v.).

Clitocybe glareosa Röllin & Monthoux

Name changed to *Infundibulicybe glareosa* (q.v.).

Clitocybe inornata (Sowerby) Gillet

Name changed to *Atractosporocybe inornata* (q.v.).

Clitocybe metachroides Harmaja, *Karstenia* 10: 99 (1969)

E: !

H: English collection on woodchip mulched cultivated beds.

D+I: FM 14(2): 39-40 (2013) (as *C. amarescens*), FM 16(1): 2 (2015) **I:** FM 14(1): 2 (2013)

Move from 'excluded' list and replace **Notes** with: Published English records and 2012 collection in K from Surrey (Kew Gardens). Other collections in K currently determined as *C. amarescens* or *C. amarescens* (cf.) require re-evaluation.

Clitocybe phaeophthalma (Pers.) Kuyper

Name changed to *Singerocybe phaeophthalma* (q.v.).

Clitocybe pruinosa P. Kumm.

Name changed to *Rhizocybe pruinosa* (q.v.).

Clitocybe vermicularis (Fr.) Gillet

Name changed to *Rhizocybe vermicularis* (q.v.).

Conocybe magnispora (Murrill) Singer, *Sydowia* 4(1-6): 135 (1950)

Galerula magnispora Murrill, *Mycologia* 35(5): 530 (1943)

E: !

H: English collection on cow dung on heathland.
New record. A collection (2006) at K from Dorset (Lulworth Range).

CONOHYPHA Jülich, *Persoonia* 8(3): 303 (1975)

Type: *Conohypha albocrema* (Höhn. & Litsch.) Jülich

albocrema (Höhn. & Litsch.) Jülich, *Persoonia* 8(3): 304 (1975)

Name changed from *Hyphoderma albocremaum*.

Coprinellus cinnamomeotinctus (P.D. Orton) D.J. Schaf., *Field Mycology* 13(3): 100 (2012)

Name changed from *Coprinus cinnamomeotinctus*.

Coprinopsis bellula (Uljé) P. Roux & Eyssart., in Eyssartier & Roux, *Le guide des champignons – France et Europe* (Paris): 1083 (2011)

Name changed from *Coprinus bellulus*.

Coprinopsis candidata (Uljé) Gminder & T. Böhning, *Index Fungorum* 302: 1 (2016)

Coprinus candidatus Uljé, *Persoonia* 13(4): 483 (1988)

E: !

H: English collections on woodland soil.

New record. Confirmed collections from Mid-west Yorkshire (Skipton Woods East) in 2006 and West Gloucestershire (Forest of Dean, Nagshead Reserve) in 2011 and 2013.

Coprinopsis candidolanata (Doveri & Uljé) Keirle, Hemmes & Desjardin, *Fungal Diversity* 15: 64 (2004)

Coprinus candidolanatus Doveri & Uljé, in Uljé, Doveri & Noordeloos, *Persoonia* 17(3): 465 (2000)

E: !

H: English collection on incubated sheep dung.

New record. A collection in K (2013) from North-east Yorkshire (Strensall Common).

Coprinopsis cortinata (J.E. Lange) Gminder, in Krieglsteiner & Gminder, *Die Großpilze Baden-Württembergs* (Stuttgart) 5: 650 (2010)

Name changed from *Coprinus cortinatus*.

Coprinopsis patouillardii (Quél.) Gminder, in Krieglsteiner & Gminder, *Die Großpilze Baden-Württembergs* (Stuttgart) 5: 650 (2010)

Name changed from *Coprinus patouillardii*.

Coprinopsis poliommalla (Romagn.) Doveri, Granito & Lunghini, *Riv. Micol.* 48(4): 338 (2005)

Name changed from *Coprinus poliommallus*.

Coprinus bellulus Uljé

Name changed to *Coprinopsis bellula* (q.v.).

Coprinus cinnamomeotinctus P.D. Orton

Name changed to *Coprinellus cinnamomeotinctus* (q.v.).

Coprinus cortinatus J.E. Lange

Name changed to *Coprinopsis cortinata* (q.v.).

Coprinus patouillardii Quél.

Name changed to *Coprinopsis patouillardii* (q.v.). Likely to be moved into a new segregate genus in future (D.J. Schafer pers. comm.).

Coprinus poliommallus Romagn.

Name changed to *Coprinopsis poliommalla* (q.v.).

Coprinus vosoustii Pilát, *Stud. Bot. Čechoslav.* 5: 207 (1942)

E: !

H: English collection in loose sand by rabbit burrow.

New record. A collection in K (2015) from West Cornwall (Penhale Army Camp).

Coriopsis gallica (Fr.) Ryvarden

Name changed to *Trametes gallica* (q.v.).

Corticium quercicola Jülich

Name changed to *Marchandiomyces quercinus* (see FM 16(1): 16 (2015)).

Cortinarius alboamarescens Kytöv., Niskanen & Liimat., in Ariyawansa et al., *Fungal Diversity*: 10.1007/s13225-015-0346-5, [192] (2015)

E: !

H: English collection on mixed woodland soil in moss under *Corylus*.

New record. A collection (2015) at K from Surrey (Kew Gardens Conservation Area) confirmed by matching its ITS sequence with that from the type (Niskanen and Liimat. unpubl.).

Cortinarius boreicyanites Kytöv., Liimat., Niskanen & A.F.S. Taylor, in Liimatainen, Niskanen, Dima, Kytövuori, Ammirati & Frøslev, *Persoonia*, Mol. Phyl. Evol. Fungi 33: 127 (2014)

S: !

H: Scottish collection with *Helianthemum* on rich calcareous soil.

New record. A collection (2010) at UPS from South Aberdeen (Braemar) confirmed by matching its ITS sequence with that from the type (Liimatainen et al. 2014).

Cortinarius brunneiaurantius Kytöv., Liimat. & Niskanen, in Liimatainen, Niskanen, Dima, Kytövuori, Ammirati & Frøslev, *Persoonia*, Mol. Phyl. Evol. Fungi 33: 136 (2014)

S: !

H: Scottish collection in mossy soil with *Betula pendula*.

New record. A collection (2014) recently reported [Fortey *Mycologist News* 2015 (2): 10–12. (2015)] from West Ross (Rhidorroch birch woods) and confirmed by A.F.S. Taylor.

Cortinarius brunneus var. glandicolor (Fr.) H. Lindstr. & Melot

Move to synonymy of *Cortinarius glandicolor* (q.v.).

Cortinarius claroplanusculus Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 99(1): 65 (1983)

E: !

H: English collection on mixed woodland soil in moss under *Carpinus* and *Corylus*.

New record. A collection at K (2015) from East Sussex (Butcher's Wood) confirmed by matching its ITS sequence with that from the type (Niskanen and Liimat. unpubl.).

Cortinarius collocandoides Reumaux, in Bidaud, Moënné-Loccoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 18(1, 2): 1377 (2009)

E: !

H: In broadleaved woodland. English collection on cemetery soil under *Quercus* sp.

D+I: FM 16(1): 3-4 (2015)

New record. A collection (2014) at K from Surrey (Surbiton Cemetery). Many British collections currently named as *C. purpurascens*, *C. subpurpurascens* or *C. purpurascens* var. *largusoides* are likely to be of this species [Kibby *Field Mycology* 16(1): 3-4 (2015)].

Cortinarius dolabratus Fr.

S: !

H: Scottish collection on pine-dominated woodland soil with *Pinus sylvestris* and *Betula*.

Move from 'excluded' list. A collection (2015) at K from Mid Perthshire (Black Wood of Rannoch) confirmed by T. Niskanen.

Cortinarius glandicolor (Fr.) Fr.

Remove from synonymy of *Cortinarius brunneus* var. *glandicolor* to replace it as head of the entry for this taxon with *Cortinarius brunneus* var. *glandicolor* reduced to synonymy following Niskanen et al. [*Mycol. Res.*, 113(2): 182–206 (2009)].

Cortinarius largus Fr.

Include *Cortinarius patibilis* var. *scoticus* as a synonym.

Cortinarius ominosus Bidaud, in Bidaud, Moëne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Mezieu) 6: 190 (1994)

S: !

H: Scottish collection on pine-dominated woodland soil with *Pinus sylvestris* and *Betula*.

New record. A collection (2015) at K from Mid Perthshire (Black Wood of Rannoch) confirmed by T. Niskanen.

Cortinarius patibilis var. **scoticus** Brandrud

Move to synonymy of *Cortinarius largus* following Liimatainen *et al.* [*Persoonia*, Mol. Phyl. Evol. Fungi 33: 98–140 (2014)].

Remove "*Cortinarius largus* sensu auct. brit." from synonymy and remove last sentence of **Notes**.

Cortinarius phaeosmus Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 97(3): 250 (1981)

E: !

H: English collection in woodland soil under *Fagus*.

New record. A collection (2015) at K from South Somerset (roadside in Horner Woods).

Crepidotus calelepis (Fr.) P. Karst.

E: ! **NI:** !

H: On dead wood of broadleaved trees.

D+I: Consiglio & Setti (2008): 105-113

Move from 'excluded' list. Replace **Notes** with: "Historic collections should be re-examined to distinguish between this species and scaly forms of *Crepidotus mollis*. Confirmed collections from West Cornwall and South Somerset."

CUPHOPHYLLUS (Donk) Bon, *Docums Mycol.* 14(no. 56): 10 (1985) [1984]

Type: *Cuphophyllus pratensis* (Fr.) Bon

The following name changes from *Hygrocybe* are required:

aurantius (Murrill) Lodge, K.W. Hughes & Lickey, in Lodge *et al.*, *Fungal Diversity*: 10.1007/s13225-013-0259-0, [80] (2013)

Name changed from *Hygrocybe aurantia*.

canescens (A.H. Sm. & Hesler) Bon, *Docums Mycol.* 20(no. 78): 40 (1990)

Name changed from *Hygrocybe canescens*.

colemannianus (A. Bloxam) Bon, *Docums Mycol.* 14(no. 56): 10 (1985) [1984]

Name changed from *Hygrocybe colemanniana*.

flavipes (Britzelm.) Bon, *Docums Mycol.* 14(no. 56): 11 (1985) [1984]

Name changed from *Hygrocybe flavipes*.

fornicatus (Fr.) Lodge, Padamsee & Vizzini, in Lodge *et al.*, *Fungal Diversity*: 10.1007/s13225-013-0259-0, [80] (2013)

Name changed from *Hygrocybe fornicata*.

lacmus (Schumach.) Bon, *Docums Mycol.* 14(no. 56): 11 (1985) [1984]

Name changed from *Hygrocybe lacmus*.

pratensis (Fr.) Bon, *Docums Mycol.* 14(no. 56): 10 (1985) [1984]

Name changed from *Hygrocybe pratensis*.

radiatus (Arnolds) Bon, *Docums Mycol.* 20(no. 78): 40 (1990)

Name changed from *Hygrocybe radiata*.

russocoriaceus (Berk. & T.K. Mill.) Bon, *Docums Mycol.* 14(no. 56): 11 (1985) [1984]

Name changed from *Hygrocybe russocoriacea*.

virginicus (Wulfen) Kovalenko, in Nezdoiminogo, *Opredelitel' Gribov SSSR* (Leningrad): 37

Name changed from *Hygrocybe virginica*.

Cyphelostereum laeve (Fr.) D.A. Reid
Name changed to *Muscinaupta laevis* (q.v.).

Diplomitoporus lindbladii (Berk.) Gilb. & Ryvarden
Name changed to *Cinereomyces lindbladii* (q.v.).

EONEMA Redhead, Lücking & Lawrey, *Mycol. Res.* 113(10): 1169 (2009)

Type: *Eonema pyriforme* (M.P. Christ.) Redhead, Lücking & Lawrey

pyriforme (M.P. Christ.) Redhead, Lücking & Lawrey, *Mycol. Res.* 113(10): 1169 (2009)

Name changed from *Athelia pyriformis*.

FIBRICIELLUM J. Erikss. & Ryvarden

Move to synonymy of *Trechispora* (q.v.)

silvae-ryae J. Erikss. & Ryvarden

Name changed to *Trechispora silvae-ryae* (q.v.).

FIBROPORIA Parmasto, *Consp. System. Corticiac.* (Tartu): 176 (1968)

Type: *Fibroporia vaillantii* (DC.) Parmasto

Several DNA analyses [e.g. Bernicchia *et al.*, *Mycol. Progr.* 11: 93-100 (2012)] have shown that several mycelial cord-forming *Antrrodia* species are monophyletic and should be recognised in a segregate genus.

citrina (Bernicchia & Ryvarden) Bernicchia & Ryvarden, in Bernicchia, Gorjón, Vampola, Ryvarden & Prodi, *Mycol. Progr.* 11: 96 (2012)

Name changed from *Antrrodia citrina*.

gossypium (Speg.) Parmasto, *Consp. System. Corticiac.* (Tartu): 207 (1968)

Name changed from *Antrrodia gossypium*.

vaillantii (DC.) Parmasto, *Consp. System. Corticiac.* (Tartu): 177 (1968)

Name changed from *Antrrodia vaillantii*.

Flagelloscypha parasitica (Berk. & Broome) Agerer, *Mycotaxon* 9(2): 464 (1979)

Cyphella parasitica Berk. & Broome, *J. Linn. Soc., Bot.* 14(no. 74): 74 (1873) [1875]

E: !

H: On old perithecial stroma of *Hypoxylon* on dead wood of broadleaved tree.

New record. A collection (2015) at K from South Somerset (Horner Wood).

FOMITOPSIS P. Karst.

Piptoporus P. Karst.

Recent DNA analysis [Han *et al.*, *Fungal Diversity*:

10.1007/s13225-016-0364-y (2016)] has shown that

Piptoporus betulinus (the generic type) is congeneric with

Fomitopsis pinicola (the generic type) and so the former

becomes a synonym of the latter.

betulina (Bull.) B.K. Cui, M.L. Han & Y.C. Dai, in Han, Chen, Shen, Song, Vlasák, Dai & Cui, *Fungal Diversity*:

10.1007/s13225-016-0364-y, [17] (2016)

Name changed from *Piptoporus betulinus*.

Ganoderma lucidum (Curtis.) P. Karst, *Rev. Mycol. (Toulouse)* 3(9): 17 (1881)

Add to notes: Historic British collections in K filed as *G. applanatum* var. *laccatum* (Kalchbr.) Rea and *G. laccatum* have been re-examined and refiled under *G. pfeifferi*.

Ganoderma pfeifferi Bres., *Bull. Soc. Mycol. France* 5: 70 (1889)

Ganoderma applanatum var. *laccatum* (Sacc.) Rea, *Brit. basidiomyc. (Cambridge)*: 597 (1922)

Add name to synonymy. Delete last sentence of **Habitat**. Add to notes: Historic British collections in K filed as *G. laccatum* have been re-examined and redetermined as *G. pfeifferi*.

Geastrum marginatum Vittad. *Monogr. Lycoperd.*: 163 (1842)

Name changed from *G. minimum* (q.v.) which is now regarded as a *nomen ambiguum* and *nudum* [Zamora *et al.*, *Persoonia* 34: 130–165 (2015)]. These authors distinguished two European 'minimum group' segregate species *G. granulatum* and *G. marginatum*. All ITS sequences derived from British material previously assigned to *G. minimum* clustered with those of *G. marginatum*. British *G. minimum* collections assigned to *G. marginatum* (q.v.) on this basis.

Geastrum minimum Schwein.

Move to 'excluded' list. British material now filed under *G. marginatum* (q.v.).

Geastrum pseudolimbatum Hollós

Move to 'excluded' list. British material from Surrey (Shalford) now redetermined based on ITS sequence analysis as *G. coronatum*.

GLOIOXANTHOMYCES Lodge, Vizzini, Ercole & Boertm., in Lodge *et al.*, *Fungal Diversity*:

10.1007/s13225-013-0259-0, [49] (2013)

Type: *Gloioxanthomyces vitellinus* (Fr.) Lodge, Vizzini, Ercole & Boertm.

vitellinus (Fr.) Lodge, Vizzini, Ercole & Boertm., in Lodge *et al.*, *Fungal Diversity*: 10.1007/s13225-013-0259-0, [50] (2013)

Name changed from *Hygrocybe vitellina*.

HASTODONTIA (Parmasto) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 26: 49 (2009)

Type: *Hastodontia halonata* (J. Erikss. & Hjortstam) Hjortstam & Ryvarden

hastata (Litsch.) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 26: 49 (2009)

Name changed from *Hyphodontia hastata*.

Hericium coralloides (Scop.) Pers.

Mis.: *Hericium alpestre* sensu Ing (1992)

Insert Misdet. and add *Hericium alpestre* to 'excluded' list.

HETEROGASTRIDIDIUM Oberw. & R. Bauer

Move to Subphylum Pucciniomycotina.

HYGROCYBE (Fr.) P. Kumm.

A recent molecular/morphological revision of the genus [Lodge *et al.* *Fungal Diversity* 64: 1–99 (2014)] indicated that a series of smaller more homogeneous genera should be adopted. Some species have already been moved into *Gliophorus* in the online checklist, some are retained in *Hygrocybe* s.str. and the remainder are now moved into *Chromosera* (q.v.), *Cuphophyllus* (q.v.), *Gloioxanthomyces* (q.v.), *Neohygrocybe* (q.v.) and *Porpolomopsis* (q.v.).

Hygrophoropsis rufa (D.A. Reid) Knudsen, in Knudsen & Vesterholt, *Funga Nordica*, Agaricoid, Boletoid and Cyphelloid Genera (Gylling): 913 (2008)

Hygrophoropsis aurantiaca var. *rufa* D.A. Reid

E: !

H: On coniferous litter and woody debris.

D+I: FM 13(2): 47–50 (2012), FM 17(1): 26 (2016)

Formerly recognised as a variety in the synonymy of *Hygrophoropsis aurantiaca*. Historic collections of *H. aurantiaca* should be re-examined to search for further examples of this species. Confirmed collections from Kent, Norfolk, Surrey and West Sussex but probably widespread.

HYMENOPELLIS R.H. Petersen, in Petersen & Hughes, *Nova Hedwigia*, Beih. 137: 80 (2010)

Type: *Hymenopellis radicata* (Relhan) R.H. Petersen

radicata (Relhan) R.H. Petersen, in Petersen & Hughes, *Nova Hedwigia*, Beih. 137: 202 (2010)

Name changed from *Xerula radicata*.

xeruloides (Bon) R.H. Petersen, in Petersen & Hughes, *Nova Hedwigia*, Beih. 137: 248 (2010)

Name changed from *Xerula xeruloides*.

Hyphoderma albocremeum (Höhn. & Litsch.) J. Erikss. & Å. Strid

Name changed to *Conohypha albocremea* (q.v.).

Hyphoderma pallidum (Bres.) Donk

Name changed to *Peniophorella pallida* (q.v.).

Hyphoderma tsugae (Burt) J. Erikss. & Å. Strid

Name changed to *Peniophorella tsugae* (q.v.).

HYPHODONTIA J. Erikss.

Molecular research has shown that *Hyphodontia* sensu lato is a heterogeneous grouping. Three British species are retained in *Hyphodontia* s.str.: *H. alutaria*, *H. arguta* and *H. pallidula* (type). The remainder are listed under *Hastodontia*, *Kneiffiella* P. Karst., *Lagarobasidium* and *Xylodon* with a few exceptions temporarily retained in *Hyphodontia* pending further work.

Hypholoma tuberosum Redhead & Kroeger, *Mycotaxon* 29: 457 (1987)

E: !

H: English collection on manured soil in vegetable allotment.

D+I: FM 12(4): 135–136, back cover (2011)

New record. Two collections (2010, 2011) at K from South Lancashire (Liverpool).

Hystrangium inflatum Rodway, *Pap. Proc. R. Soc. Tasm.*: 108 (1918) [1917]

E: !

H: English collection in soil at base of *Eucalyptus* trunk.

D+I: FM 16(4): 123–124 (2015)

New record. A collection (2014) at K from Nottinghamshire (Lound).

INFUNDIBULICYBE Harmaja, *Ann. bot. fenn.* 40(3): 215 (2003)

Type: *Infundibulicybe geotropa* (Bull.) Harmaja

catinus (Fr.) Harmaja, *Ann. bot. fenn.* 40(3): 216 (2003)

Name changed from *Clitocybe catinus*.

costata (Kühner & Romagn.) Harmaja, *Ann. bot. fenn.* 40(3): 216 (2003)

Name changed from *Clitocybe costata*.

geotropa (Bull.) Harmaja, *Ann. bot. fenn.* 40(3): 216 (2003)

Name changed from *Clitocybe geotropa*.

gibba (Pers.) Harmaja, *Ann. bot. fenn.* 40(3): 217 (2003)

Name changed from *Clitocybe gibba*.

glareosa (Röllin & Monthoux) Harmaja, *Ann. bot. fenn.* 40(3): 217 (2003)

Name changed from *Clitocybe glareosa*.

Inocybe monochroa J. Favre, *Ergebn. wiss. Unters. schweiz. NatnParks* 5(33): 201 (1955)

S: !

H: Scottish collection on soil with *Dryas octopetala*.

New record. A collection (2010, 2011) at K from Argyll (Meall Mòr).

KNEIFFIELLA P. Karst. *Bidr. Känn. Finl. Nat. Folk* 48: 371 (1889)

Type: *Kneiffiella barba-jovis* (Bull.) P. Karst.

abieticola (Bourdot & Galzin) Jülich & Stalpers, *Verh. K. ned. Akad. Wet.*, tweede sect. 74: 130 (1980)

Name changed from *Hyphodontia abieticola*.

alutacea (Fr.) Jülich & Stalpers
Name changed from *Hyphodontia alutacea*.

barba-jovis (Bull.) P. Karst.
Name changed from *Hyphodontia barba-jovis*.

subalutacea (P. Karst.) Jülich & Stalpers
Name changed from *Hyphodontia subalutacea*.

Laetisaria lichenicola Diederich, Lawrey & D. Broeck, in
Diederich, Lawrey, Sikaroodi & Gillevet, *Mycologia* 103(3): 530
(2011)

E: !

H: English collections on thalli of *Physcia* spp. on twigs
subjected to elevated levels of nitrogen deposition.

D+I: <http://fungi.myspecies.info/all-fungi/laetisaria-lichenicola>
New record. Collections reported from Bedfordshire, Dorset,
South Essex and Surrey.

LAGAROBASIDIUM Jülich, *Persoonia* 8(1): 84
(1974)

Type: *Lagarobasidium pruinosum* (Bres.) Jülich

detriticum (Bourdot & Galzin) Jülich
Name changed from *Hyphodontia detritica*.

LENZITES Fr.

Move to synonymy of *Trametes* (q.v.).

betulinus (L.) Fr.
Name changed to *Trametes betulina* (q.v.).

Lepista flaccida (Sowerby) Pat.
Name changed to *Paralepista flaccida* (q.v.).

Leptosporomyces fusoides (Jülich) Krieglst.
Move to synonymy of *Athelopsis fusoides*.

Leucoagaricus gauguei Bon & Boiffard, *Bull. trimest. Soc.
mycol. Fr.* 90(4): 299 (1974)

E: !

H: English collection on soil in grass.
New record. A collection (2015) at K from South Somerset
(Selworthy Churchyard).

LEUCOCYBE Vizzini, P. Alvarado, G. Moreno &
Consiglio, in Alvarado, Moreno, Vizzini, Consiglio,
Manjón & Setti, *Mycologia* 107(1): 131 (2015)

Type: *Leucocybe candicans* (Pers.) Vizzini, P. Alvarado, G.
Moreno & Consiglio

The following changes, respectively from *Clitocybe* and
Lyophyllum are required following a four-gene phylogenetic
analysis [Alvarado *et al.*, *Mycologia* 107(1): 123–136 (2015)]:

candicans (Pers.) Vizzini, P. Alvarado, G. Moreno & Consiglio,
in Alvarado, Moreno, Vizzini, Consiglio, Manjón & Setti,
Mycologia 107(1): 131 (2015)

connata (Schumach.) Vizzini, P. Alvarado, G. Moreno &
Consiglio, in Alvarado, Moreno, Vizzini, Consiglio, Manjón &
Setti, *Mycologia* 107(1): 131 (2015)

Leucopaxillus rhodoleucus (Sacc.) Kühner
Name changed to *Pseudoclitopilus rhodoleucus* (q.v.).

Limacella ochraceorosea (Béguet & Bon) Neville &
Poumarat, *Fungi europ.* (Alassio) 9: 248 (2004)
Limacella illinita var. *ochraceorosea* Béguet & Bon, in Bon,
Docums Mycol. 5(no. 17): 26 (1975)

E: !

H: English collection on soil with conifer debris under
Chamaecyparis lawsoniana.

D+I: FM 16(1): 26–27 (2015)

New record. A collection (2014) at K from Surrey (Kew Gardens
Pinetum).

Lycoperdon dermoxanthum Vittad.

Truncate **Notes** to "Numerous records but few collections.
Apparently widespread and often recorded as *Bovista pusilla*."

Lyophyllum caerulescens Cléménçon ex Kibby, *Field
Mycology* 17(1): 22 (2016)

E: !

H: English collection on soil in grass near *Fagus* and *Fraxinus*.
New record. Recently validated name. A collection (2015) at K
from South Hampshire (Deacon Hill).

Lyophyllum connatum (Schumach.) Singer
Name changed to *Leucocybe candicans* (q.v.).

Lyophyllum gangraenosum (Fr.) Gulden
Name changed to *Calocybe gangraenosa* (q.v.).

Marasmiellus lateralis Bas & Noordel., *Persoonia* 15(3): 351
(1993)

E: !

H: English collection on decaying *Picea* log.
New record. A collection (2016) at K from South Hampshire
(New Forest).

Marchandiomyces quercinus (J. Erikss. & Ryvarden) D.
Hawksw. & A. Henrici, *Field Mycology* 16(1): 17 (2015)
Name changed from *Corticium quercicola*.

Melanoleuca castaneofusca Contu, *Bull. trimest. Féd. Mycol.
Dauphiné-Savoie* 38(no. 150): 41 (1998)

E: !

H: English collection on soil with compost.
New record. A collection (2012) at K from Surrey (Morden
Cemetery). Determination confirmed by sequencing (L.M. Suz
unpubl.) and matching with a corresponding sequence derived
from the type (V. Antonin & M. Tomsovsky unpubl.).

Membranomyces delectabilis (H.S. Jacks.) Kotir. & Saaren.,
Ann. Bot. Fenn. 30(3): 227 (1993)

Name changed from *Clavulicium delectabile* based on DNA
sequence analysis. Replace **H:** with: English collections on soil
and fern stems in coniferous plantation and on decayed wood
in *Salix* carr. Replace first sentence of **Notes** with: Two
recent collections at K from South Devon (Kingsteignton)
2001 and South Hampshire (Emer Bog) 2011.

MUCIDULA Pat., *Hyménomyc. Eur.* (Paris): 95
(1887)

Type: *Mucidula mucida* (Schrad.) Pat.

mucida (Schrad.) Pat. *Hyménomyc. Eur.* (Paris): 96 (1887)
Name changed from *Oudemansiella mucida*.

MUSCINUPTA Redhead, Lücking & Lawrey,
Mycol. Res. 113(10): 1167 (2009)

Type: *Musciniupta laevis* (Fr.) Redhead, Lücking & Lawrey

laevis (Fr.) Redhead, Lücking & Lawrey, *Mycol. Res.* 113(10):
1167 (2009)

Name changed from *Cyphellostereum laeve*.

Mycena adonis var. **coccinea** (Sowerby) Kühner
Move to synonymy of *Mycena coccinea* (q.v.).

Mycena coccinea (Sowerby) Quél.
Remove from synonymy of *Mycena adonis* var. *coccinea* to
replace it as head of the entry for this taxon with *Mycena
adonis* var. *coccinea* reduced to synonymy.

Mycena juniperina Aronsen, *Persoonia* 16(2): 257 (1996)

E: !

H: On bark of living *Juniperus* trunks.
New record. A collection (2015) at K from South Wiltshire
(Porton Down).

Mycena rorida (Fr.) Quél.
Name changed to *Roridomyces roridus* (q.v.).

MYCOACIA Donk, *Meded. Ned. Mycol. Ver.* 18-20: 150 (1931)

Mycoaciella J. Erikss. & Ryvardeen, in Eriksson *et al.*, *Corticaceae of North Europe* (Oslo) 5: 901 (1978)

Include *Mycoaciella* in synonymy.

bispora (Stalpers) Spirin & Zmitr., *Nov. sist. Niz. Rast.* 37: 183 (2004)

Mis.: *Acia denticulata* sensu Rea (1922)

Mis.: *Mycoacia denticulata* sensu Bramley (1985)

Mis.: *Mycoacia squalina* sensu Clark (1980)

Name changed from *Mycoaciella bispora*. Replace list of misapplied names with the above list.

MYCOACIELLA J. Erikss. & Ryvardeen, in Eriksson *et al.*, *Corticaceae of North Europe* (Oslo) 5: 901 (1978)

Move to synonymy of *Mycoacia*.

bispora (Stalpers) J. Erikss. & Ryvardeen
Name changed to *Mycoacia bispora* (q.v.).

NEOHYGCROCYBE Herink, *Sb. severočesk. Mus.*, *Prír. Vedy* 1: 70 (1958)

Type: *Neohygrocybe ovina* (Bull.) Herink

The following name changes from *Hygrocybe* are required:

ingrata (J.P. Jensen & F.H. Møller) Herink, *Sb. severočesk. Mus.*, *Hist. Nat.* 1: 74 (1958)

Name changed from *Hygrocybe ingrata*.

nitrata (Pers.) Kovalenko, *Opređelitel' Gribov SSSR* (Leningrad): 40 (1989)

Name changed from *Hygrocybe nitrata*.

ovina (Bull.) Herink, *Sb. severočesk. Mus.*, *Hist. Nat.* 1: 72 (1958)

Name changed from *Hygrocybe ovina*.

OBBA Miettinen & Rajchenb., *Mycol. Progr.* 11(1): 141 (2012)

Type: *Obba valdiviana* (Rajchenb.) Miettinen & Rajchenb.

rivulosa (Berk. & M.A. Curtis) Miettinen & Rajchenb., *Mycol. Progr.* 11(1): 142 (2012)

Name changed from *Physisporinus rivulosus*.

Oudemansiella mucida (Schrad.) Höhn.
Name changed to *Mucidula mucida* (q.v.).

PARALEPISTA Raitelh., *Metrodiana* 22(2): 17 (1981)

Type: *Paralepista inversa* (Scop.) Raitelh.

flaccida (Sowerby) Vizzini, in Vizzini & Ercole, *Mycotaxon* 120: 262 (2012)

Name changed from *Lepista flaccida*.

PARAXERULA R.H. Petersen, in Petersen & Hughes, *Nova Hedwigia*, *Beih.* 137: 299 (2010)
Type: *Paraxerula americana* (Dörfelt) R.H. Petersen

caussei (Maire) R.H. Petersen, in Petersen & Hughes, *Nova Hedwigia*, *Beih.* 137: 303 (2010)
Name changed from *Xerula caussei*.

Peniophorella pallida (Bres.) K.H. Larss., *Mycol. Res.* 111(2): 192 (2007)

Name changed from *Hyphoderma pallidum*.

Peniophorella tsugae (Burt) K.H. Larss., *Mycol. Res.* 111(2): 192 (2007)

Name changed from *Hyphoderma tsugae*.

Phanerochaete radicata (Henn.) Nakasone, C.R. Bergman & Burds.

Name changed to *Rhizochaete radicata* (q.v.).

PELLINOPSIS Y.C. Dai, *Fungal Diversity* 45: 309 (2010)

Type: *Phellinopsis conchata* (Pers.) Y.C. Dai

conchata (Pers.) Y.C. Dai, *Fungal Diversity* 45: 309 (2010)
Name changed from *Phellinus conchatus*.

Phellinus conchatus (Pers.) Quéf.

Name changed to *Phellinopsis conchata* (q.v.).

Phlebiella paludicola Hjortstam & P. Roberts

Name changed to *Aphanobasidium paludicola* (q.v.).

Phlebiella sulphurea (Pers.) Ginns & Lefebvre

Move to synonymy of *Phlebiella vaga* (q.v.).

Phlebiella vaga (Fr.) P. Karst

Remove from synonymy of *Phlebiella sulphurea* and move to the head of the entry with *Phlebia vaga* Fr. as basionym.

Physisporinus rivulosus (Berk. & M.A. Curtis) Ryvardeen
Name changed to *Obba rivulosa* (q.v.).

Physodontia lundellii Ryvardeen & H. Solheim, *Mycotaxon* 6(2): 376 (1977)

S: !

H: On decaying logs of *Picea* sp. in plantations.

New record. Collections (2015, 2016) at K from Argyll (Sutherland's Grove and Dallachulish).

PIPTOPORUS P. Karst.

Move to synonymy of *Fomitopsis* (q.v.) with segregation of *P. quercinus* in *Buglossoporus* following molecular studies of Han *et al.* [*Fungal Diversity*: 10.1007/s13225-016-0364-y (2016)]

betulinus (Bull.) P. Karst.

Name changed to *Fomitopsis betulina* (q.v.).

quercinus (Schrad.) P. Karst.

Name changed to *Buglossoporus quercinus* (q.v.).

Polyporus badius (Pers.) Schwein.

Name changed from *Polyporus durus* (Timm) Kreisel which is illegitimate. Delete final sentence of **Notes**.

Polyporus durus (Timm) Kreisel

This is an illegitimate name and so this species reverts to the familiar name *Polyporus badius* applying the earliest available epithet (q.v.).

PORPOLOMOPSIS Bresinsky, *Regensb. Mykol. Schr.* 15: 145 (2008)

Type: *Porpolomopsis calyptriformis* (Berk.) Bresinsky

calyptriformis (Berk.) Bresinsky, *Regensb. Mykol. Schr.* 15: 145 (2008)

Name changed from *Hygrocybe calyptriformis*.

PSEUDOCITOPILUS Vizzini & Contu, *Mycosphere* 3(1): 86 (2012)

Type: *Pseudoclitopilus rhodoleucus* (Sacc.) Vizzini & Contu

rhodoleucus (Sacc.) Vizzini & Contu, *Mycosphere* 3(1): 86 (2012)

Name changed from *Leucopaxillus rhodoleucus*.

Psilocybe liniformans Guzmán & Bas, *Persoonia* 9(2): 233 (1977)

E: !

H: English collection on pony dung in grassland.

New record. A collection (2015) at K from North Devon (Kipscombe Hill).

Psilocybe medullosa (Bres.) Borovička, *C.C.H.* 84(4): 114 (2007)
Naucoria medullosa Bres., *Fung. trident.* 2(11-13): 53 (1898)

E: !

H: In sandy soil with needle litter under *Pinus* sp.
New record. A collection (2014) at K from Nottinghamshire (Clipstone Forest).

Rectipilus afibulatus Lucas & Dentinger, *Kew Bull.* 70(no. 58): [3] (2015)

E: !

H: On dead wood. English collections on damp sawn log of *Salix* sp.
New record. New species described from two collections (2009, 2012) from a single site in South Hampshire (Linwood Reserve).

RHIZOCHAETE Gresl., Nakasone & Rajchenb., *Mycologia* 96(2): 261 (2004)

Type: *Rhizochaete brunnea* Gresl., Nakasone & Rajchenb.

radicata (Henn.) Gresl., Nakasone & Rajchenb., *Mycologia* 96(2): 268 (2004)

Name changed from *Phanerochaete radicata*.

RHIZOCYBE Vizzini, G. Moreno, P. Alvarado & Consiglio, in Alvarado, Moreno, Vizzini, Consiglio, Manjón & Setti, *Mycologia* 107(1): 132 (2015)

Type: *Rhizocybe vermicularis* (Fr.) Vizzini, G. Moreno, P. Alvarado & Consiglio

pruinosa (P. Kumm.) Vizzini, G. Moreno, P. Alvarado & Consiglio, in Alvarado, Moreno, Vizzini, Consiglio, Manjón & Setti, *Mycologia* 107(1): 132 (2015)
Name changed from *Clitocybe pruinosa*.

vermicularis (Fr.) Vizzini, G. Moreno, P. Alvarado & Consiglio, in Alvarado, Moreno, Vizzini, Consiglio, Manjón & Setti, *Mycologia* 107(1): 132 (2015)

Name changed from *Clitocybe vermicularis*.

RORIDOMYCES Rexer, *Die Gattung Mycena s.l., Studien zu Ihrer Anatomie, Morphologie und Systematik* (Tübingen): 132 (1994)

Type: *Roridomyces roridus* (Fr.) Rexer

roridus (Fr.) Rexer *Die Gattung Mycena s.l., Studien zu Ihrer Anatomie, Morphologie und Systematik* (Tübingen): 132 (1994)

Name changed from *Mycena rorida*.

Russula aurora Krombh.

Krombholtz's original concept is likely to include more than one species [Kibby, *Field Mycology* 16(4): 132–134 (2015)].
Move to synonymy of *Russula velutipes* (q.v.) as a misapplication sensu auct. mult.

Russula lepida Fr.

Remove from synonymy of *Russula rosea* to replace it as head of the entry for this taxon with "Mis.: *R. rosea* sensu auct. mult." reduced to synonymy [Kibby, *Field Mycology* 16(4): 132–134 (2015)].

Russula rosea Pers. [non *R. rosea* Quél. (1888)]

Move to synonymy of *Russula lepida* (q.v.).

Russula velutipes Velen., *České Houby* 1: 133 (1920)

Remove from synonymy of *Russula aurora* to replace it as head of the entry for this taxon with "Mis.: *R. aurora* sensu auct. mult." reduced to synonymy [Kibby, *Field Mycology* 16(4): 132–134 (2015)]. Remove references to *Russula lepida* from **D+I** and **I** and delete final sentence of **Notes**.

Sarcodon glaucopus Maas Geest. & Nannf.

Move to 'excluded' list. British material now filed under *S. scabrosus* (q.v.).

Sarcodon scabrosus (Fr.) P. Karst., *Rev. Mycol. (Toulouse)* 3(9): 20 (1881)

Hydnum scabrosum Fr., *Sverig Atl. Svamp.*: 62 (1836)
Mis.: *Sarcodon glaucopus* sensu BritChant.

E: ? **S:** o

H: With *Pinus sylvestris* in Scottish pinewoods.

D+I: BritChant: 100-101 (as *S. glaucopus*), *Svensk Mykologisk Tidskrift* 33(3): 2–49 (2012)

Restricted to pinewoods in Scotland and probably not an English species. However, many existing collections and unvouchered records are from southern England and associated with *Fagaceae*. These require further taxonomic study before they can be redetermined.

Replace existing entry with the above.

Sarcodontia crocea (Schwein.) Kotl.

Remove *Mycoacia squalina* sensu Christiansen [Danish Resupinate Fungi: 2 (1960)] from synonymy to 'excluded' list. Christiansen's specimens described and figured therein are not referable to *S. crocea*.

Scleroderma meridionale Demoulin & Malençon, *Bull. trimest. Soc. mycol. Fr.* 86(3): 704 (1971) [1970]

E: !

H: English collection on sandy soil under *Pinus pinaster*.
New record. A collection at K (2015) from South Somerset (Dunster Beach).

SIDERA Miettinen & K.H. Larss., *Mycol. Progress* 10: 136 (2011)

Type: *Sidera lenis* (P. Karst.) Miettinen

vulgaris (Fr.) Miettinen, in Miettinen & Larsson, *Mycol. Progress* 10: 136 (2011)

Name changed from *Skeletocutis vulgaris* based on sequencing evidence in Miettinen & Larsson [*Mycol. Progress* 10: 131-141 (2011)]. Replace **D:** and **D+I:** sections with **D:** EurPoly2: 626-627 (as *Skeletocutis lenis*), NM3: 209 (as *Diplomitoporus lenis*) **D+I:** FungEur10: 516-517 765 (as *Skeletocutis vulgaris*)

SINGEROCYBE Harmaja, *Karstenia* 27(2): 71 (1988) [1987]

Type: *Singerocybe viscida* Harmaja

phaeophthalma (Pers.) Harmaja, *Karstenia* 27(2): 72 (1988) [1987]

Name changed from *Clitocybe phaeophthalma*.

Skeletocutis vulgaris (Fr.) Niemelä & Y.C. Dai
Name changed to *Sidera vulgaris* (q.v.).

Tomentella lapidum (Pers.) Stalpers

Remove *Rhinotrichum ramososissimum* from synonymy.

TRAMETES Fr.

Lenzites Fr.

Add to synonymy.

betulina (L.) Pilát, *Atlas Champ. l'Europe*, III, Polyporaceae (Praha) 1: 262 (1939)

Name changed from *Lenzites betulinus*.

gallica (Fr.) Ryvarden

Name changed from *Corioloopsis gallica*.

TRECHISPORA P. Karst.

Fibriciellum J. Erikss. & Ryvarden

Add to synonymy.

silvae-ryae (J. Erikss. & Ryvarden) K.H. Larss. ex Bernicchia & Gorjón, *Fungi europ.* (Alassio) 12: 679 (2010)

Name changed from *Fibriciellum silvae-ryae* due to the recent, if inadvertent, validation of the combination in *Trechispora*.

Xerula caussei Maire
Name changed to *Paraxerula caussei* (q.v.).

Xerula radicata (Relhan) Dörfelt
Name changed to *Hymenopellis radicata* (q.v.).

Xerula xeruloides (Bon) Dörfelt
Name changed to *Hymenopellis xeruloides* (q.v.).

XYLODON (Pers.) Gray, *Nat. Arr. Brit. Pl.* (London) 1:
649 (1821)
Type: *Odontia quercina* Pers.

asperus (Fr.) Hjortstam & Ryvarde, *Syn. Fung.* (Oslo) 26: 34
(2009)
Name changed from *Hyphodontia aspera*.

brevisetus (P. Karst.) Hjortstam & Ryvarde, *Syn.
Fung.* (Oslo) 26: 35 (2009)
Name changed from *Hyphodontia breviseta*.

crustosus (Pers.) Chevall., *Fl. gén. env. Paris* (Paris) 1: 272
(1826)
Name changed from *Hyphodontia crustosa*.

nespori (Bres.) Hjortstam & Ryvarde, *Syn. Fung.* (Oslo) 26:
38 (2009)
Name changed from *Hyphodontia nespori*.

pruni (Lasch) Hjortstam & Ryvarde, *Syn. Fung.* (Oslo) 23:
100 (2007)
Name changed from *Hyphodontia pruni*.

quercinus (Pers.) Gray
Name changed from *Hyphodontia quercina*.

rimosissimus (Peck) Hjortstam & Ryvarde, *Syn.
Fung.* (Oslo) 26: 39 (2009)
Name changed from *Hyphodontia rimosissima*.

sambuci (Pers.) Tura, Zmitr., Wasser & Spirin, *Biodiversity of
the Heterobasidiomycetes and non-gilled Hymenomycetes
(former Aphyllophorales) of Israel*: 221 (2011)
Name changed from *Hyphodontia sambuci*.

BASIDIOMYCOTA, PUCCINIOMYCOTINA

HETEROGASTRIDIIUM Oberw. & R. Bauer
Move from Subphylum Agaricomycotina.

BASIDIOMYCOTA, USTILAGINOMYCOTINA

Anthracoidea hostianae B. Lindeb. ex Nannf., *Symb. bot.
upsal.* 22(no. 3): 21 (1979)

S: !

H: In ovaries of *Carex hostiana*.

New record. A collection (2015) at K from Banffshire
(Tomintoul).

ENTORRHIZA C.A. Weber
Move to Phylum Entorrhizomycota.

ENTORRHIZOMYCOTA

ENTORRHIZA C.A. Weber
Move from Subphylum Ustilaginomycotina.

ADDITIONS & AMENDMENTS TO LIST OF ALIEN TAXA

BASIDIOMYCOTA, AGARICOMYCOTINA

Fomitopsis rosea (Alb. & Schwein.) P. Karst.
Name changed to *Rhodofomes roseus*.

Rhodofomes roseus (Alb. & Schwein.) Vlasák, *Česká Mykol.*
44(4): 235 (1990)
Name changed from *Fomitopsis rosea*.

ADDITIONS & AMENDMENTS TO LIST OF EXCLUDED TAXA

BASIDIOMYCOTA, AGARICOMYCOTINA

alienata (S. Lundell) J. Erikss., *Hyphodontia*
Name changed to *Kneiffiella alienata*.

alpestre Pers., *Hericium*, *Mycol. eur.* (Erlanga) 2: 151 (1825)
Not authentically British. Sensus Ing's (1992) Provisional Red
Data List is possibly misdetermined. *Hericium coralloides*.

baculifera (Bourdot & Galzin) Jülich, *Athelopsis*
Move from 'included' list. The British collection has now been
redetermined as *Athelopsis fusoides*.

bresadolana Singer, *Clitocybe*
Name changed to *Infundibulicybe bresadolana* (Singer)
Harmaja, *Ann. bot. fenn.* 40(3): 216 (2003). Amend notes:
Recorded from Northern Ireland in 1999 (apparently
associated with *Cupressus macrocarpa*) but unsubstantiated
with voucher material and probably misidentified *Paralepista
flaccida*.

calolepis (Fr.) P. Karst., *Crepidotus*
Move to 'included' list.

cornea (Bourdot & Galzin) Parmasto, *Phlebia*
Name changed to *Crustoderma corneum* (Bourdot & Galzin)
Nakasone *Mycologia* 76(1): 45 (1984).

disciformis (DC.) Pat., *Aleurodiscus*
Thelephora disciformis DC., in de Candolle & Lamarck, *Fl.
franç.*, Edn 3 (Paris) 5/6: 31 (1815)
Stereum disciforme (DC.) Fr., *Epicr. syst. mycol.*: 551
(1838)
Peniophora disciformis (DC.) Cooke, *Grevillea* 8: 20 (1879)
Hymenochaete disciformis (DC.) W.G. Sm., *Syn. Brit. Bas.*:
409 (1908)

Name changed to *Aleurocystidiellum disciforme* (DC.) Telleria,
Biblioth. Mycol. 135: 25 (1990). Note amended authorities of
names and that *Aleurocystidiellum disciforme* (DC.) Boidin,
Terra & Lanq., *Bull. trimest. Soc. mycol. Fr.* 84: 63 (1968) is
invalid.

dolabratus Fr., *Cortinarius*

Move to 'included' list.

erosa (Fr.) Sacc., Collybia

Amend notes: A *nomen dubium*. Sensu auct. is *Sagaranelia tylicolor*.

fimbriatum Fr., Tulostoma, *Syst. mycol.* (Lundae) 3(1): 43 (1829)

Not authentically British. A 2011 collection reported from Cardiganshire (Ynyslas) [Hobart, FM13(3): 81–83 (2012)] was sequenced twice (L.M. Suz unpubl.) and redetermined as *T. brumale* based on the consistent results obtained.

flavipes Pers., Clavaria

Move to 'included' list with *Clavaria straminea* as synonym.

glaucopus Maas Geest. & Nannf., Sarcodon

Move from 'included' list. Analysis of ITS sequences derived from this pine-associated Scottish taxon and comparison with sequences published in 2012 [Nitare & Högberg, *Svensk Mykologisk Tidskrift* 33(3): 2–49 (2012)] indicate that the British material is misdetermined *S. scabrosus* (q.v.).

lenis (P. Karst.) Miettinen, Sidera, in Miettinen & Larsson, *Mycol. Progress* 10: 136 (2011)

Name changed from *Skeletocutis lenis*. Replace last sentence of **Notes** with: The name *Skeletocutis lenis* has been widely used (e.g. in EurPoly2) for *Sidera vulgaris* (q.v.).

limosa Rostr., Bovista

Move from 'included' list. Recent molecular, ecological and morphological evidence [Larsson *et al.* *Mycological Progress* 8: 289–299. (2009)] has distinguished *Bovista pusilla*, which was lectotypified and epitypified, from *B. limosa*. In Britain *B. pusilla* was previously considered to be a *nomen ambiguum* (BritPuffb) and its use was discontinued. ITS sequences derived from British material determined as *B. limosa* match those of epitypified *B. pusilla*. On this basis the British collections are now filed under *B. pusilla* (q.v.).

metachroides Harmaja, Clitocybe

Move to 'included' list.

minimum Schwein., Geastrum

Move from 'included' list as the name is now regarded as a *nomen ambiguum* and *nudum* [Zamora *et al.*, *Persoonia* 34: 130–165 (2015)]. These authors distinguished two European 'minimum group' segregate species *G. granulatum* and *G. marginatum*. All ITS sequences derived from British material previously assigned to *G. minimum* clustered with those of *G. marginatum*. British *G. minimum* collections assigned to *G. marginatum* (q.v.) on this basis.

pseudolimbatus Hollós, Geastrum

Move from 'included' list. British material from Surrey (Shalford) now redetermined based on ITS sequence analysis as *G. coronatum*.

pusilla (Batsch) Pers., Bovista

Move to 'included' list.

salmonifolius M.M. Moser & Lamoure, Leucopaxillus

Name changed to *Pseudoclitopilus salmonifolius* (M.M. Moser & Lamoure) Vizzini & Contu, *Mycosphere* 3(1): 86 (2012)

squalina sensu Christiansen [Danish Resupinate Fungi: 2 (1960)], Mycoacia

Remove from synonymy of *Sarcodontia crocea*. Christiansen's specimens described and figured therein are difficult to interpret but are not referable to *S. crocea*.

sublaevis (Bres.) Jülich, Ceraceomyces

Move from 'included' list as the name has been widely misapplied and is a *nomen confusum*. The type of *Corticium sublaeve* Bres. was found to be conspecific with *Metulodontia nivea* (P. Karst.) Parmasto. *C. sublaevis* sensu CNE2 has been split into two species, the cystidiate *C. eludens* (q.v.) and acystidiate *C. microsporus* (q.v.).

trogii (Berk.) Domański, Coriolopsis

Name changed to *Trametes trogii* Berk.