

COMBINED UPDATES 1 – 6

ADDITIONS & AMENDMENTS TO LIST OF INCLUDED TAXA

BASIDIOMYCETES

Agaricus bisporus (J.E. Lange) Imbach
Agaricus campestris var. *buchanani* Berk., *Gard. Chron.* Nov. 24: 1039 (1860).
Agaricus campestris var. *elongatus* Berk., *Gard. Chron.* Dec. 1: 1061 (1860)
The two varieties listed above were described from hot beds or mushroom beds in Gloucestershire (Dyrham Park), but omitted from the published list. Considered synonyms of *A. bisporus* (as *A. campestris* var. *hortensis*) by Masee (1892).
[UD1]

Agaricus cappellianus Hlaváček, *Mykologický Sborník* 64(4): 113 (1987)
Agaricus campestris β *vaporarius* Pers.
Psalliota vaporaria (Pers.) F.H. Møller & Jul. Schäff.
Agaricus vaporarius (Pers.) M.M. Moser [*comb. inval.*], in Gams, *Kleine Kryptogamenflora*, Edn 3: 190 (1967)
Agaricus vaporarius (Pers.) Cappelli [*nom. illegit.*, non *A. vaporarius* J. Otto (1816)]
Agaricus pseudovillaticus Rauschert
Mis.: *Psalliota villatica* sensu auct.
Mis.: *Agaricus campestris* var. *villaticus* sensu Cooke

E: ! NI: ! ROI: ! W: !

H: On soil in woodland or scrub, reported with deciduous and coniferous trees. Occasionally amongst grass at woodland edges or in grassland.

D: NM2: 210 (as *A. vaporarius*) **D+I:** Ph: 160-161 (as *A. vaporarius*), *FungEur1*: 398 15 (as *A. vaporarius*), B&K4: 180 196 (as *A. vaporarius*)

Name change from *Agaricus pseudovillaticus* plus additional changes to synonymy and distribution from printed Checklist. Note that *A. vaporarius* is an illegitimate combination [and that *A. vaporarius* (Pers.) M.M. Moser is additionally invalid]. Considered by Nauta (FAN5) to be a synonym of *A. subperonatus*. [UD2]

Agaricus pseudopratisensis (Bohus) Wasser, *Ukr. Bot. Zh.* 33: 250 (1976)
Psalliota pseudopratisensis Bohus, *Borbásia* 1: 114 (1939)

E: !

H: English collection in coastal grass.

D: FAN5: 56 **D+I:** *FungEur1*: 68

Omitted from published list. Material at K from Essex (Tallesbury Marshes) in 1992. The description in FAN5 is partly based on this collection. [UD1]

Agaricus pseudovillaticus Rauschert
Name change to *Agaricus cappellianus* (q.v.). [UD2]

Agaricus rufotegulis Nauta
Name changed to *A. subrufescens* (q.v.). [UD1]

Agaricus subrufescens Peck, *Rep. (Annual) New York State Mus. Nat. Hist.* 46: 25 (1894)
An earlier name and hence a name change (*vide* Kerrigan, *Mycologia* 97: 12-24, 2005) for the species previously listed as *A. rufotegulis*. [UD1]

AKENOMYCES G. Arnaud ex D. Hornby, *Trans. Brit. Mycol. Soc.* 82(4): 653 (1984)

Akenomyces G. Arnaud, *Ann. École Natl. Agric. Montpellier* 29: 6 (1954) [*nom. inval.*]

Type: *Akenomyces costatus* D. Hornby

costatus D. Hornby, *Trans. Brit. Mycol. Soc.* 82(4): 653 (1984)

E: !

H: Described from cultured sclerotia (ca 0.25 mm long) originally observed in 1978 on the roots of rotting wheat seedlings from wheat-field soil in Hertfordshire (Rothamsted). Isolated from a wheat stem-base in Shropshire (Newport) deposited at IMI in 1992, from wheat debris (Finland and Switzerland) and from submerged leaves of *Cladium* (Austria).

D+I: *Österr. Z. Pilzk.* 6: 61-66 (1997)

Basidiomycetous (clamped) anamorph of unknown affinities, omitted from printed Checklist. A recent (2010) collection in K from decaying *Phragmites* culms in Northamptonshire (Fermyn Woods) with larger sclerotia might represent *A. costatus* var. *enigmaticus* G. Arnaud ex D. Hornby. [UD5]

ALLOPSALLIOTA Nauta & Bas, in Nauta, *Belg. J. Bot.* 131: 189 (1999) [1998]

Agaricales, Agaricaceae

Type: *Allopsalliota geesterani* (Bas & Heinem.) Nauta & Bas

geesterani (Bas & Heinem.) Nauta & Bas, in Nauta, *Belg. J. Bot.* 131: 189 (1999) [1998]

Agaricus geesterani Bas & Heinem., *Persoonia* 13: 114 (1986)

E: !

H: Clustered and semi-hypogeous in soil.

D: FAN5: 62-63 **D+I:** FM6: 77-79

New record. Recent collections (2004) from Yorkshire (Potteric Carr) reported in FM6: 77-79. [UD1]

Amanita betulae Neville & Poumarat, *Fungi non delineati* 51-52: 27 (2009)

E: !

H: On soil, under *Betula*.

D+I: FM 12(1): 3-4 (2011)

New record. Recent collections (from 2009) at K from East Kent, Hertfordshire, Middlesex and Shropshire. A recently-distinguished and poorly-known morphological/ ecological segregate of the *A. vaginata* complex. [UD5]

Amanita coryli Neville & Poumarat, *Fungi Non delineati* 51-52: 34 (2009)

E: ! W: !

H: On soil, under *Corylus*.

D+I:

New record. Collections (2012 onwards) at K from Pembrokeshire (Wyndrush) and Surrey (Kew Gardens). A poorly-known morphological/ecological segregate from the *A. vaginata* complex. [UD6]

Amanita dryophila Cons. & Contu, *Persoonia* 17(2): 287 (1999)

E: !

H: On soil, with grass and *Pteridium aquilinum* under *Quercus* and *Betula* in former wood pasture.

I: FM 4(4): front cover (2003)

New record. A recent collection (2007) at K from Surrey (Ashted Common), confirmed by M. Contu. **[UD5]**

Amanita echinocephala var. subbeillei (Neville & Poumarat) Traverso [*Nom. inval.*, Art. 41.5], *Il Genero Amanita in Italia*: 151 (1999)
Amanita solitaria var. *subbeillei* Neville & Poumarat, *Docums Mycol.* 26(no. 101): 52 (1996)

E: !

H: On calcareous woodland soil, near *Castanea sativa*.

D+I: FM 12(2): 68-70 (2011)

New record. Collections (2010 onwards) at K from West Kent (Farningham Wood). **[UD6]**

Amanita flavescens (E.-J. Gilbert & S. Lundell) Contu

Amanita vaginata var. *flavescens* E.-J. Gilbert & S. Lundell, in Bresadola, *Icon. Mycol.* 27 (suppl. 1): 217 (1941)

Amended basionym (wrongly given as *Amanitopsis* in printed Checklist) and basionym reference. Note also corrections to author citations. **[UD2]**

Amanita grisea Massee & Rodway, *Bull. Misc. Inf.*, Kew: 156 (1901)

S: !

H: On soil, near *Betula*.

D+I:

Omitted from printed checklist. A collection (1979) at E from Perthshire, VC87-89. An Australian taxon described from Tasmania included herein pending further (molecular) studies. **[UD6]**

Amanita simulans Contu, *Boll. Acc. Gioenia Sci. Nat.* 356: 11 (1999)

Mis.: *Amanita malleata* (Piane ex Bon) Contu sensu auct.

E: !

H: On limestone soil, with *Corylus* and *Quercus* spp.

I: C&D 273 (as *A. malleata*) **D+I:** *Mycologist* 2: 66 (1988)(as *A. malleata*); FM 10(1): 19-20 (2009)

New record. A recent collection (2008) at K from Shropshire. **[UD4]**

Amaurodon atrocyaneus (Wakef.) Køljalg & K.H. Larss., *Syn. Fungorum* 9: 33 (1996)

Tomentella atrocyanea Wakef., *Trans. Brit. Mycol. Soc.* 49: 357 (1966)

E: !

H: English collections on *Fagus* log.

New record. Recent material (2006) at K from Hertfordshire. **[UD1]**

Amaurodon viridis (Alb. & Schwein.) J. Schröt.

E: !

H: English collection from the underside of *Salix* log in wet heath.

D: Køljalg: 36-40

Move from 'excluded' list. A recent collection (2010) at K from South Hampshire (New Forest), confirmed by U. Køljalg. Recent DNA sequencing work suggests that this and other European material currently assigned to *A. viridis* belong to a single taxon. However, these samples differ from the type specimen and so will probably require

another name in due course (*vide* U. Køljalg). Listed in Rea (1922) as *Caldesiella viridis*, but the one old collection so named at K has been redetermined as *Mycoacia uda*. **[UD5]**

AMYLOXENASMA (Oberw.) Hjortstam & Ryvarde, *Syn. Fungorum* 20: 34 (2005)

Type: *Amyloxenasma grisellum* (Bourdot) Hjortstam & Ryvarde

The following entries are name changes for species with smooth amyloid spores previously listed in the genus *Phlebiella* (q.v.).

allantosporum (Oberw.) Hjortstam & Ryvarde, *Syn. Fungorum* 20: 34 (2005)

Phlebiella allantospora (Oberw.) K.H. Larss. & Hjortstam **[UD5]**

grisellum (Bourdot) Hjortstam & Ryvarde, *Syn. Fungorum* 20: 34 (2005)

Phlebiella grisella (Bourdot) K.H. Larss. & Hjortstam **[UD5]**

ANOMOLOMA Niemelä & K.H. Larss., *Mycotaxon* 100: 312 (2007)

Type: *Anomoloma albulutescens* (Romell) Niemelä & K.H. Larss.

myceliosum (Peck) Niemelä & K.H. Larss., *Mycotaxon* 100: 313 (2007)

Name changed from *Ceriporiopsis myceliosa* confirmed on sequencing evidence by Niemelä et al. [*Mycotaxon* 100: 305-317 (2007)] **[UD5]**

Antrodia albida (Fr.) Donk

Coriolellus sepium (Berk.) Murrill, *Bull. Torrey Bot. Club* 32(9): 481 (1905)

Add *Coriolellus sepium*, listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26: 23 (1966)], to synonymy. **[UD3]**

Antrodia carbonica (Overh.) Ryvarde & Gilb., *Mycotaxon* 19: 139 (1984)

Poria carbonica Overh., *Canadian Journal of Research*, Section C 21: 232 (1943)

E: !

H: English collection on conifer log (?*Pinus*).

D+I: FM 14(3): 77-79 (2013)

New record. Collections (2011 & 2012) at K from Oxfordshire (Crowsley Park Woods) from sawn log in conifer plantation. **[UD6]**

Antrodia citrina Bernicchia & Ryvarde, in Bernicchia, *Fungi europ.* (Alassio) 10: 98 (2005)

E: !

H: English collections on fallen trunks of *Larix*.

D+I:

New record. Collections (2011 & 2013) at K from North Somerset (Gilling Down and Great Breach Wood) from well-decayed trunks in or near a larch plantation, confirmed by L. Ryvarde. **[UD6]**

Antrodia macra (Sommerf.) Niemelä

Move to 'excluded' list. **[UD5]**

Antrodia xantha (Fr.) Ryvarde

Antrodia xantha f. *pachymeres* J. Erikss.

Amyloporia xantha var. *pachymeres* (J. Erikss.)

Pegler (*comb. inval.*), *News Bull. Brit. Mycol. Soc.* 26: 24 (1966)

Add *Amyloporia xantha* var. *pachymeres*, listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26:

24 (1966)], to synonymy and amend author citation for *Antrodia xantha* f. *pachymeres*. [UD3]

APHANOBASIDIUM Jülich, *Persoonia*
10: 326 (1979)

Type: *Aphanobasidium pseudotsugae* (Burt) K.H. Larss. & Hjortstam

The following entries are name changes for species with smooth inamyloid spores previously listed in the genus *Phlebiella* (q.v.) with the exception of *P. paludicola* whose transfer to *Aphanobasidium* awaits a suitable combination.

albidum (Hauerslev) Boidin & Gilles, *Cryptog. Bot.* 1(1): 74 (1989)

Phlebiella albida (Hauerslev) Tellería, Melo & M. Dueñas [UD5]

aurora (Berk. & Broome) Boidin & Gilles, *Cryptog. Bot.* 1(1): 74 (1989)

Phlebiella aurora (Berk. & Broome) K.H. Larss. & Hjortstam [UD5]

bourdotii Boidin & Gilles, *Cryptog. Bot.* 1(1): 74 (1989)

Phlebiella bourdotii (Boidin & Gilles) Tellería, Melo & M. Dueñas [UD5]

filicinum (Bourdot) Jülich, *Persoonia* 10(3): 326 (1979)

Phlebiella filicina (Bourdot) K.H. Larss. & Hjortstam [UD5]

pseudotsugae (Burt) Boidin & Gilles, *Cryptog. Bot.* 1(1): 75 (1989)

Phlebiella pseudotsugae (Burt) K.H. Larss. & Hjortstam [UD5]

sphaerosporum Boidin & Gilles, *Cryptog. Bot.* 1(1): 75 (1989) [non *Phlebiella sphaerospora* (Maire) Bondartsev & Singer (1953)]

Phlebiella boidinii Tellería, Melo & M. Dueñas [UD5]

Armillaria cepistipes Velen., *České Houby* II: 283 (1920)

E: !

H: On soil on buried wood in mixed broadleaved woodland.

D: FAN3: 38, FN: 253 **D+I:** B&K3: 138 133 **I:** C&D 181

Move from 'excluded' list. A single collection (2009) at K from Shropshire (Ironbridge) and two earlier unconfirmed collections (Buckinghamshire and Surrey). Reported from widely scattered locations in England but unsubstantiated with voucher material. Likely to have been historically overlooked. [UD5]

Arrhenia baeospora (Singer) Redhead, Lutzoni, Moncalvo & Vilgalys, *Mycotaxon* 83: 46 (2002)

Omphalina baeospora Singer, *Z. Pilzk.* 43: 120 (1977)

W: !

H: Welsh collection in fixed dunes.

D: FAN3: 87 (as *Omphalina baeospora*)

New record. Recent material (2006) at K from Glamorgan (Whiteford Burrows) det. E. Arnolds. [UD2]

Arrhenia umbratilis (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys

S: !

H: Scottish collection on moist ground with mosses and *Carex*.

D+I: FM 14(3): 96-97 (2013)

Move from 'excluded' list. A collection (2012) at K from the Outer Hebrides (South Uist, Loch Druidibeag area). Listed in NCL, but a doubtful and poorly known species in Britain and excluded from the printed checklist (2005) due to lack of collections. Cooke 265 (274) Vol. 2 (1883) showing a collection by Berkeley from Coed Coch may not represent the current concept of the species.

[UD6]

Asterophora lycoperdoides (Bull.) Ditmar
Asterophora agaricicola Corda, *Icon. fung.* 4: 8 (1840)

Add *Asterophora agaricicola*, listed as British by Wakefield & Bisby (1942), to synonymy. [UD3]

Asterophora parasitica (Bull.) Singer
Agaricus umbratus With., *Arr. Brit. pl.* ed. 3, 4: 201 (1796)

Add *Agaricus umbratus* to synonymy. The species was described from Britain with *A. parasitica* given as a synonym, and is thus a superfluous name.

[UD3]

ATHELIA Pers.

Fibulorhizoctonia G.C. Adams & Kropp (anam.), *Mycologia* 88(3): 464 (1996)

Add the anamorph genus *Fibulorhizoctonia*, omitted from printed Checklist, to synonymy. [UD3]

Athelia arachnoidea (Berk.) Jülich
Rhizoctonia carotae Rader (anam.), *Phytopathology* 38: 444 (1948)

Fibulorhizoctonia carotae (Rader) G.C. Adams & Kropp (anam.), *Mycologia* 88(3): 464 (1996)

Add to synonymy the anamorph name *Fibulorhizoctonia carotae*, the cause of 'crater rot' in stored carrots, recorded as British (sub *Rhizoctonia carotae*) by Mordue [*IMI Descriptions of Fungi and Bacteria* 41 (1974)]. [UD3]

Athelia epiphylla Pers.

Rhizoctonia centrifuga Lévl. (anam.), *Ann. Sci. Nat., Bot., sér. 2*, 20: 225 (1843)

Fibulorhizoctonia centrifuga (Lévl.) G.C. Adams & Kropp (anam.), *Mycologia* 88(3): 466 (1996)

Move *Rhizoctonia centrifuga* from 'excluded' and add to synonymy as the anamorph, *Fibulorhizoctonia centrifuga* [fide Adams & Kropp, *Mycologia* 88: 459 - 472 (1996)]. Note that *Corticium centrifugum* (Lévl.) Bres., an illegitimate name for the supposed teleomorph, remains of uncertain application.

[UD3]

Athelia rolfsii (Curzi) C.C. Tu & Kimbr.

Sclerotium rolfsii Sacc. (anam.), *Ann. mycol.* 9(3): 257 (1911)

E: ! **S:** !

H: Plant pathogen; on bulbs in UK and also in soil. Move from 'alien' list and add the anamorph, *Sclerotium rolfsii*, to synonymy. Material of the anamorph from Britain on *Iris* and *Narcissus* spp. at IMI. Also recorded by Dennis (1986) in soil from Scotland (Mull) and from England (material at K) as an alien on imported decayed sacking. [UD3]

Bankera fuligineoalba (J.C. Schmidt) Pouzar
Hydnum macrodon Pers., *Syn. meth. fung.* (Göttingen) 2: 560 (1801)

Remove *Hydnum macrodon* to separate entry in 'excluded' list. Replace *B. fuligineoalba* **Notes** with: Occasional but widespread in Scotland. Probably

extinct in England and known only from Berkshire (Ascot and Maidenhead) in 1863 and 1864 possibly as a short-lived introduction. An authentic collection was displayed during the BMS Yorkshire foray in 1971 but its source has not been traced. [UD6]

BARTHELETIA G. Arnaud ex Scheuer *et al.*,
Mycol. Res. 112: 1269 (2008)

Incertae sedis, Bartheletiaceae

Type: *Bartheletia paradoxa* G. Arnaud ex Scheuer *et al.*

Bartheletia paradoxa G. Arnaud ex Scheuer *et al.*,
Mycol. Res. 112: 1269 (2008)

E: !

H: On fallen leaves of *Ginkgo biloba*.

A new species found to be widespread in Europe with ginkgo. Three recent (2008) collections at K from Surrey. [UD4]

BLASIPHALIA (A.H. Sm.) Redhead,
Mycologia 98(6): 934 (2007) [2006]

Hymenochaetales, incertae sedis

Type: *Blasiphalia pseudogrisella* (A.H. Sm.) Redhead

Blasiphalia pseudogrisella (A.H. Sm.) Redhead,
Mycologia 98(6): 934 (2007) [2006]

Mycena pseudogrisella A.H. Sm.

Rickenella pseudogrisella (A.H. Sm.) Gulden

Name change. A new genus for the species previously listed as *Rickenella pseudogrisella*.

[UD2]

Bolbitius pluteoides M.M. Moser, *Fungorum Rar. Icon. Color.* 7: 27 (1978)

Bolbitius reticulatus var. *pluteoides* (M.M. Moser) Arnolds, *Persoonia* 18(2): 210 (2003)

E: !

H: English collections on decayed or buried wood of broadleaved trees (*Fraxinus* and *Salix*).

D: FN: 624 **I:** C&D: 363

Move from 'excluded' list (excluded as *Bolbitius reticulatus* var. *pluteoides* which now becomes a synonym). New record. Recent (2009 & 2010) collections at K respectively from Middlesex (Perivale) and the Isle of Wight (Bouldnor Copse).

[UD5]

Boletopsis leucomelaena (Pers.) Fayod
Move to 'excluded'. British collections redetermined as *B. perplexa* (q.v.). [UD2]

Boletopsis perplexa Watling & J. Milne, *Bot. J. Scot.* 58: 88 (2006)

S: !

H: On ground in woodland with *Pinus sylvestris*. Newly described from South Aberdeen. Also known from Easternness. Scottish collections previously assigned to *B. leucomelaena* are reassigned here. [UD2]

Boletus betulicola (Vassilkov) Pilát & Dermek
Delete as a separate taxon and add to synonymy of *B. edulis* (q.v.). [UD4]

Boletus bubalinus Oolbekk. & Duin, in Oolbekkink, *Persoonia* 14(3): 367 (1991)

E: !

H: British material with *Carpinus*.
New record. A recent collection (2006) from Berkshire (Silwood Park) confirmed by molecular analysis *vide* A.E. Hills. [UD2]

Boletus depilatus Redeuilh, *Bull. trimest. Soc. Mycol. France* 101: 389 (1986)

E: !

H: On calcareous soil, with *Carpinus*.

D+I: B&K3 52 6; FM 10(1): 22-23 (2009) **I:** C&D 433

New record. A recent collection (2008) at K from East Kent (Putt Wood). Close to *B. impolitus*, but with a distinctive hymeniform cuticle. [UD4]

Boletus edulis Bull.

Boletus betulicola (Vassilkov) Pilát & Dermek

Boletus edulis var. *betulicola* Vassilkov

Boletus edulis f. *betulicola* (Vassilkov) Vassilkov

Delete *B. betulicola* as a separate taxon and add to synonymy, following molecular research by Beugelsdijk *et al.* [*Persoonia* 20: 1-7 (2008)].

[UD4]

Boletus luridus var. **rubriceps** (Maire) Dermek
Move to 'excluded' list. [UD6]

Boletus mendax Simonini & Vizzini, *Mycol. Progr.* 13(1): 98 (2014)

Mis.: *Boletus luridus* var. *rubriceps* sensu BFF1 (rev.)

E: !

H: English collections on soil overlying calcareous rock, in *Fagus* or *Fagus/Quercus* woodland.

D+I:

New record. Redetermined collections (1998 onwards) at K from Berkshire (Dungrovehill Wood) filed as *B. luridus* var. *rubriceps* and Herefordshire (Great Doward) filed as *B. luridus* based on DNA sequence analysis (unpubl.). [UD6]

Boletus regius Krombh.

Move to 'excluded' list. [UD6]

Boletus rhodopurpureus Smotl.

Mis.: *Boletus torosus* sensu BFF1 (rev.)

Mis.: *Boletus xanthocyaneus* sensu BFF1 (rev.)

Additional misapplied names. [UD6]

Boletus rhodoxanthus (Krombh.) Kallenb.

NI: !

H: Collection from Northern Ireland on soil in woodland with *Quercus petraea*.

D: NM2: 59, FN: 166 **D+I:** Ph: 201, B&K3: 62 19, FM 12(3): 100-102 (2011) **I:** C&D: 436

Move from 'excluded' list. A single collection (2009) at K from Fermanagh (Crom ASSI). There is an earlier unconfirmed report from Worcestershire by Rea in 1895, but without voucher material. The illustration in Phillips (Ph: 201, Ph2 283d) is of material from Corsica. [UD5]

Boletus subappendiculatus Dermek, Lazebn. & J. Veselský, *Fungorum Rar. Icon. Color.* 9: 13 (1979)

D+I: [Add] FM7(2): 49 (2006)

Amend author citation and publication reference. [UD4]

Boletus torosus Fr. & Hök

Move to 'excluded' list. [UD6]

Boletus xanthocyaneus (Romain) Romagn.

Move to 'excluded' list. [UD6]

Botryohypochnus isabellinus (Fr.) J. Erikss.

Zygodesmus marginatus Cooke & Harkn.,

Grevillea 12: 97 (1884)

Add *Zygodesmus marginatus*, listed (with doubt) from Scotland by Wakefield & Bisby (1942), to synonymy [see Larsen, *Mycol. Mem.* 4: 120 (1974)]. [UD3]

Botryobasidium asperulum (D.P. Rogers) Boidin, *Cahiers de La Maboké* 8(1): 19 (1970)
Pellicularia asperula D.P. Rogers, *Farlowia* 1(1): 100 (1943)

E: !

H: English collection on fallen *Pinus* trunk.

D+I:

New record. A collection (2014) at K from the Isle of Wight (Puckers Copse). [UD6]

BOVISTA Pers., in Roemer, *Neues Mag. Bot.* 1: 86 (1794)

Correction to date and place of publication. [UD4]

BOVISTELLA Morgan

Move to synonymy of *Lycoperdon* (q.v.). [UD3]

CALLISTOSPORIUM Singer, *Mycologia* 36: 363 (1944)

Agaricales, Tricholomataceae

Type: *Callistosporium palmarum* (Murrill) Singer

luteo-olivaceum (Berk. & M.A. Curtis) Singer, *Lloydia* 9: 117 (1946)

E: !

H: English collection on rotten wood.

D: FAN3 104 **D+I:** FM 10(1): 24-25 (2009)

New record. A recent (2008) collection at K from North Somerset. [UD4]

BURGOA Goid., *Boll. R. Staz. Patalog. Veget. Roma* 17: 359 (1938)

Stereales, Sistotremataceae

Anamorphic fungi with teleomorphs in the genus *Sistotrema*, but the anamorphic taxa are not as yet linked to teleomorphic species. [UD2]

Type: *Burgoa verzuoliana* Goid.

Burgoa angulosa Diederich, Lawrey & Etayo, in Diederich & Lawrey, *Mycological Progress* 6: 66 (2007)

W: !

H: Growing over lichenised ascomycetes.

Newly described from Spain, with two recent collections from Wales (Glamorganshire and Merionethshire) as paratypes. [UD2]

Burgoa moriformis Diederich, Ertz & Coppins, in Diederich & Lawrey, *Mycological Progress* 6: 67 (2007)

NI: !

H: Growing over bark of *Salix* sp.

Newly described from Northern Ireland (Fermanagh). [UD2]

Burgoa splendens Diederich & Coppins, in Diederich & Lawrey, *Mycological Progress* 6: 67 (2007)

E: ! **S:** ! **W:** !

H: Growing over bark of broadleaved trees, amongst lichens and mosses.

Newly described from Scotland, with paratypes from England and Wales. [UD2]

Burgoa verzuoliana Goid., *Boll. R. Staz. Patalog. Veget. Roma* 17: 359 (1938)

S: !

H: Scottish collection on old doormat.

Omitted from printed Checklist. Material at K from Fife. [UD2]

CALATHELLA D.A. Reid, *Persoonia* 3(1): 122 (1964) [*Nom. illegit.*, Art. 53.1]

Type: *Calathella eruciformis* (P. Micheli ex Batsch) D.A. Reid

eruciformis (P. Micheli ex Batsch) D.A. Reid

Flagelloscypha eruciformis (P. Micheli ex Batsch) Singer, *Beih. Nova Hedwigia* 29: 151 (1969)

S: !

H: Scottish collection on decorticated small fallen branch of *Populus tremula*.

D+I:

Move from 'excluded' list and add the above name to synonymy. A collection (2013) at K from Easternness (Glen Moriston). Recorded from Scotland by Dennis (1986, as *Lachnella eruciformis*) based on records of *Cyphella albocarpa* sensu Wakefield (1952), which is now recognised as a species of *Flagelloscypha* and probably *F. pilatii*. [UD6]

Callistosporium pinicola Arnolds, *Acta Mycologica*, Warszawa 41(1): 32 (2006)

E: ! **W:** !

H: On dead coniferous wood.

D+I: FM 15(2): 49-50 (2014)

New record. Collections (2009 onwards) at K from Caernarvonshire (Treborth Botanic Gardens), Dorset (Stubhampton Bottom) and South Hampshire (New Forest). [UD6]

CALOCYBE Donk

Accepted as heterogeneous as used in the printed Checklist and most entries now moved into *Rugosomyces* (q.v.). *C. constricta* is moved into *Tricholomella* (q.v.) and only *C. gambosa* is retained where it is now joined by the species below. [UD5]

favrei (R. Haller Aar. & R. Haller Suhr) Bon, *Doc. Mycol.* 29(115): 33 (1999)

Name changed from *Lyophyllum favrei*. [UD5]

Calvatia turneri (Ellis & Everh.) Demoulin & M. Lange, *Mycotaxon* 38: 223 (1990)

Lycoperdon turneri Ellis & Everh., *J. Mycol.* 1(7): 87 (1885)

S: !

H: In alpine calcareous grassland and amongst *Salix herbacea*.

D: Lange (1948): 12, 19 & Fig. 2

A recent redetermination of two collections (1984) from East Perthshire (The Cairnwell) in *E. C. tatrensis* Hollós is possibly a synonym. It is a montane counterpart of *C. utrififormis*. [UD5]

CANTHARELLOPSIS Kuyper, in Borghi (ed.), *La Famiglia delle Tricholomataceae* : 99 (1986)

Type: *Cantharellopsis prescotii* (Weinm.) Kuyper

prescotii (Weinm.) Kuyper

Name changed from *Gerronema prescotii*. [UD5]

CERINOMYCES G.W. Martin, *Mycologia* 41(1): 82 (1949)

Type: *Cerinomyces pallidus* G.W. Martin

crustulinus (Bourdot & Galzin) G.W. Martin, *Mycologia* 41(1): 85 (1949)

Ceracea crustulina Bourdot & Galzin, *Bull. Soc. mycol. Fr.* 39(4): 266 (1924) [1923]

S: !

H: Scottish collection on fallen branch of *Pinus sylvestris*.

D+I:

New record. A collection (2013) at K from South Aberdeen (Quoich Water). [UD6]

CERIPORIA Donk

Sporotrichum Link (anam.), *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 3: 12 (1809)

Add the anamorph genus *Sporotrichum* (*sensu stricto*), omitted from printed Checklist, to synonymy [see Stalpers (1984)]. Note that several anamorphs of other, unrelated genera in the *Basidiomycota* and *Ascomycota* have also been referred to *Sporotrichum* (*sensu lato*). [UD3]

herinkii Vampola, in Vampola & Pouzar, *Czech Mycol.* 48: 316 (1996)

E: !

H: English collections on fallen wood, possibly *Fagus*, on chalk soil.

New record. Recent material (2005) at K from East & West Kent. [UD1]

mellita (Bourdot) Bondartsev & Singer

E: !

H: On dead wood of broadleaved trees. English collections on *Fagus*, *Fraxinus* and ?*Salix*.

D+I: *Bull. Trimestriel Soc. Mycol. France* 113: pl. 334 (1997)

Move from 'excluded' list. Collections at K from England (East Kent, Hertfordshire, Surrey, West Sussex). Considered a synonym of *C. purpurea* in EurPoly1: 186. [UD5]

metamorphosa (Fuckel) Ryvarden & Gilb.

Mucor aurantius Bull. (anam.), *Hist. champ. Fr.*: 103 (1791)

Sporotrichum aureum Link (anam.) [*nom. illegit.*, non *S. aureum* (Pers.) Fr. (1832)]

Add the anamorph name *Mucor aurantius*, recorded as British by Withering (1796), to synonymy. Also note that *Sporotrichum aureum* Link is an illegitimate homonym of a sanctioned name. [UD3]

spissa (Fr.) Rajchenb., *Mycotaxon* 17: 276 (1983)

Polyporus spissus Fr., *Elench. fung.* 1: 111 (1828)

E: !

H: English collection on fallen branch of *Pinus*

D: EurPoly1: 189

New record. A recent (2010) collection at K from South Somerset (Yeovil, Ninesprings) confirmed by L. Ryvarden. This orange species is included *sensu* Ryvarden, the Friesian concept being 'cinereo-spadiceus'. [UD5]

Ceriporiopsis herbicola Fortey & Ryvarden, *Syn. Fungorum* 23: 14 (2007)

E: !

H: Type collection on dead stems of *Arctium* sp.

Newly described from Oxfordshire (Henley on Thames). [UD2]

Ceriporiopsis myceliosa (Peck) Ryvarden & Gilb.

Name changed to *Anomoloma myceliosum* (q.v.).

[UD5]

CHAETODERMELLA Rauschert,

Hausknechtia 4: 52 (1988)

Type: *Chaetodermella luna* (Romell ex D.P. Rogers & H.S. Jacks.) Rauschert

luna (Romell ex D.P. Rogers & H.S. Jacks.)

Rauschert, *Hausknechtia* 4: 52 (1988)

Peniophora luna Romell ex D.P. Rogers & H.S. Jacks., *Farlowia* 1(2): 320 (1943)

S: !

H: Scottish collection on fallen decorticated branch of *Pinus sylvestris*.

D+I: CNE2: 231-233 (as *Chaetoderma luna*) **I:** FM 14(2): 46 (2013)

New record. A collection (2012) at K from South Aberdeen (Quoich Water). [UD6]

CHLOROPHYLLUM Masee, *Bull. Misc.*

Inform. Kew. 136 (1898).

Agaricales, Agaricaceae

Type: *Chlorophyllum molybdites* (G. Mey.) Masee

This genus has now been extended to cover several north European taxa, following molecular research by Vellinga *et al.* (*Mycologia* 95: 442-456, 2003).

The following entries are name changes for taxa previously listed in the genus *Macrolepiota*. [UD1]

brunneum (Farl. & Burt) Vellinga, *Mycotaxon* 83: 416 (2002)

Lepiota brunnea Farl. & Burt, *Icones farlowianae* 8: pl. 6 (1929)

Lepiota bohémica Wichanský [*nom. inval.*], *Casopsis ceskoslov. houb.* 38: 103 (1961)

Macrolepiota rhacodes var. *bohémica*

(Wichanský) Bellù & Lanzoni [*nom. inval.*],

Beitr. Kennntn. Pilze Mitteleurop. 3: 191 (1987)

Vellinga (*Mycotaxon* 85: 259-270, 2003; FM7(4):

136-140, 2006) has noted that the name *Lepiota*

bohémica and subsequent combinations are invalid

and that *Lepiota brunnea* is, in any case, the

earliest valid name for the taxon. [UD1]

olivieri (Barla) Vellinga, *Mycotaxon* 83: 416 (2002) [UD1]

rhacodes (Vittad.) Vellinga, *Mycotaxon* 83: 416 (2002) [UD1]

CHONDROGASTER Maire, *Bull. Soc.*

Mycol. France 40: 312 (1924)

Type: *Chondrogaster pachysporus* Maire

pachysporus Maire, *Bull. Soc. Mycol. France* 40: 313 (1924)

E: !

H: English collection in soil in *Eucalyptus* plantation.

D+I: FungIpo: 446-448

New record of an Australian hypogeous *Eucalyptus* associate. A recent (2010) collection at K from Nottinghamshire (Daneshill Energy Forest). [UD5]

Chroogomphus rutilus (Schaeff.) O.K. Mill.

Cortinarius rutilus (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 629 (1821)

Add *Cortinarius rutilus* to synonymy. [UD4]

Clavaria amoenoides Corner, K.S. Thind & Anand, *Trans. Brit. Mycol. Soc.* 39(4): 483 (1956)

S: ! **W:** !

H: Welsh collections in mossy grass.

D: NM3: 250

New record. Three recent collections (2005, 2006) at

K from Wales (Caernarvonshire, Carmarthenshire,

Monmouthshire) and one recently determined

collection (1939) at K from Scotland (Lanarkshire).

[UD2]

Clavaria asperulispota G.F. Atk., *Ann. Mycol.* 6: 55 (1908)

E: !

H: English collection in mossy ground near *Taxus*.

D+I: FM8(2): 59-60

New record. A recent collection (2006) at K from Lancashire. **[UD2]**

Clavaria atrofusca Velen.

Move to 'excluded'. The only British collection (noted in the First Update) has been redetermined as *C. atroumbrina*. **[UD2]**

Clavaria atroumbrina Corner, *Monograph of Clavaria and Allied Genera*: 691 (1950)

W: !

H: Welsh collections in calcareous pasture and lawns.

New record. Recent material (2005) at K from Monmouthshire and (2006) Carmarthenshire.

[UD1]

Clavaria corbierei Bourdot & Galzin

Move to 'excluded'. British collections at K are referable to *C. fragilis*. **[UD2]**

Clavaria crosslandii Cotton

Mis.: *Clavaria tenuipes* sensu Schild [*Z. Mycol.* 47: 215 (1981)].

Mis.: *Clavaria guilleminii* sensu auct. Brit. p.p.

E: !

H: On soil, often on old fire sites amongst *Funaria hygrometrica*.

Originally described from Yorkshire. Rarely recorded but widespread in England. This is now the preferred name for the species previously listed as *C. tenuipes*. **[UD2]**

Clavaria guilleminii Bourdot & Galzin

Move to 'excluded'. British collections at K are referable to *C. crosslandii* or *C. fragilis*. **[UD2]**

Clavaria krieglsteineri Kajan & Grauw.

Move to synonymy of *C. tenuipes* (q.v.). **[UD2]**

Clavaria purpurea Fr.

Move to 'excluded' (as *Alloclavaria purpurea*). The British collections at K are misdetermined. **[UD2]**

Clavaria rosea var. subglobosa Corner

Separate from synonymy of *C. rosea* and move to 'excluded'. Most British collections redetermined as *C. incarnata*. **[UD2]**

Clavaria stricta var. alba Cotton & Wakef.

Separate from synonymy of *Ramaria stricta* and move to synonymy of *R. gracilis*. **[UD3]**

Clavaria tenuipes Berk. & Broome

Clavaria krieglsteineri Kajan & Grauw.

E: o **S:** ! **W:** ! **ROI:** !

H: In mossy ground, unimproved grassland, and woodland.

Originally described from Nottinghamshire. Fairly common and widespread in England. This is now the preferred name for the species listed in the printed Checklist as *C. krieglsteineri* (which becomes a synonym). *Clavaria tenuipes* of the printed Checklist is sensu Schild [*Z. Mycol.* 47: 215 (1981)] and is now referred to *C. crosslandii* (q.v.). **[UD2]**

Clavariadelphus truncatus (Qué.) Donk

Move to 'excluded' list. **[UD6]**

Clavulina coralloides (L.) J. Schröt.

Clavulina cristata var. *incarnata* Corner, *Monograph of Clavaria and Allied Genera*: 692 (1950)

Add *Clavulina cristata* var. *incarnata* (omitted from printed Checklist) to synonymy. The variety was described from Cambridgeshire (Chippenham Fen). **[UD2]**

Clavulina rugosa (Bull.) J. Schröt.

Ramaria rugosa (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 655 (1821)

Clavaria macrospora Britzelm., *Hymenomyc. Südbayern* 8: 287 (1891)

Clavulina rugosa var. *macrospora* (Britzelm.) Corner, *Monograph of Clavaria and Allied Genera*: 338 (1950)

Add *Ramaria rugosa* to synonymy **[UD4]**. Add *Clavulina rugosa* var. *macrospora* (omitted from printed Checklist, but listed as British by Corner, 1950) to synonymy. **[UD2]**

Clavulinopsis subtilis (Pers.) Corner

Name change to *Ramariopsis subtilis* (q.v.). **[UD2]**

Clitocybe foetens Melot

E: ? **W:** !

H: Welsh collection on acidic heath.

Move from 'excluded'. A recent collection (2008) at K from Wales (Pembrokeshire), det. E. Arnolds.

Previously reported from England (West Sussex), but without voucher material. **[UD4]**

Clitocybe collina (Velen.) Klán, *Česká Mykol.* 33: 36 (1979)

Cantharellus collinus Velen., *České Houby* 1: 83 (1920)

E: !

H: English collection on soil in chalk downland with *Crataegus monogyna*.

I: FM7: 32

New record. Recent material (2005) at K from Hampshire (see FM7: 32). **[UD1]**

Clitocybe glareosa Röllin & Monthoux, *Mycol. helv.* 1(4): 234 (1985) [1984]

S: ! **W:** !

H: On grassland soil.

D+I:

New record. A collection (2008) at E (as *C. bresadolana*) from East Lothian (Gifford) and one (2014) at K associated with *Helianthemum* from Montgomeryshire (Llanymynech Hill). **[UD6]**

Clitocybe obsoleta (Batsch) Qué.

E: !

H: On soil in litter with grasses under *Cedrus*.

D+I: FM 15(4): 111-112 (2014)

Move from 'excluded' list. Previously regarded as a *nomen dubium* variously interpreted. A collection (2014) at K from Surrey (Englefield Green). See FM 15(4): 111-112 (2014) for further discussion. **[UD6]**

Clitocybe odora (Bull.) P. Kumm.

Agaricus viridis Huds. [*nom. illegit.* (superf.; *A. virens* Scop. 1772 included in synonymy); non *A. viridis* With. (1792); non *A. viridis* Schrad. (1794)], *Fl. angl.*, Edn 2, 2: 614 (1778)

Clitocybe viridis (Huds.) Gillet [*nom. illegit.* (superf.)], *Hyménomycètes*: 158 (1874)

Amend author citation and publication reference for *Agaricus viridis*. Hudson placed the earlier *A. virens* Scop. in synonymy with *A. viridis*, hence the latter name is illegitimate. Also amend author citation of

Clitocybe viridis, which is equally illegitimate.
[UD4]

Clitocybe trulliformis (Fr.) Quél.

E: !

H: In grassland.

Move from 'excluded'. Recent material (2004) at K from Yorkshire (Duncombe Park). [UD1]

Clitocybula lacerata (Scop.) Métrod

Agaricus laceratus Scop. [non *A. laceratus* Batsch (1783); non *A. laceratus* Bolton (1788)], *Fl. carniol.* 439 (1772)

Collybia lacerata (Scop.) Gillet

Collybia platyphylla subsp. *lacerata* (Scop.) Konrad & Maubl.

Fayodia lacerata (Scop.) Singer

Change to basionym and subsequent author citations. [UD3]

Clitopilus cystidiatus Hauskn. & Noordel., *Österr. Z. Pilzk., N.S.* 8: 200 (1999)

E: !

H: Usually in woodlands in warm sites.

D: FN: 432

New record. A recent (2008) collection at K from Oxfordshire (Harpden Wood) under *Fagus* on chalk, as was the Austrian type collection, but also known from acidic conifer woods. Easily confused with *C. prunulus* but greyer and with conspicuous cheilocystidia. [UD5]

COLLYBIA (Fr.) Staude

The treatment in A&N4 based on combined molecular and morphological studies necessitates the recognition of several smaller and more homogeneous genera. *Collybia cirrhata*, *C. cookei* and *C. tuberosa* remain in the genus *Collybia* sensu stricto. Name changes for other species are listed under *Gymnopus* and *Rhodocollybia*. [UD5]

butyracea var. asema (Fr.) Quél.

Delete as a separate entry. Treated in A&N4 as a *f.* rather than a *var.* and so now to be included in synonymy of *Rhodocollybia butyracea*. [UD5]

cirrhata (Pers.) Quél.

Sclerotium truncorum (Tode) Fr. (anam.), *Syst. mycol.* 2(1): 252 (1822)

Add the anamorph name *Sclerotium truncorum*, listed as British by Wakefield & Bisby (1942), to synonymy. [UD3]

distorta (Fr.) Quél.

Reduce to a variety of *Rhodocollybia prolixa* (q.v.).

Coltricia cinnamomea (Jacq.) Murrill

E: !

H: English collection on underside of fallen conifer branch in woodland.

D: EurPoly1: 211-212, NM3: 331 **D+I:** PhAm: 259, FM 13(4): 124-127 (2012) **I:** March4: 43

Move from 'excluded' list. A collection (2011) at K from Herefordshire (Wigmore). Six earlier collections (pre-1959) at K from England and Scotland were redetermined as *C. perennis* or *C. perennis* (cf.). [UD6]

Coniophora marmorata Desm.

Included in error. Move to 'aliens' list. [UD1]

Conocybe alboradicans Arnolds, *Bib. Mycol.* 90: 302 (1982)

W: !

H: In calcareous pasture.

New record. Recent material (2006) at K from Wales (Carmarthenshire) det. E. Arnolds. [UD1]

Conocybe anthracophila var. ovispora Hauskn., *Österr. Z. Pilzk., N.S.* 14: 218 (2005)

E: !

H: On manured soil in flowerbeds.

D+I: Ph: 154-155 (as *C. ochracea*)

Newly described from Austria, with a British paratype at K (collected and illustrated by Phillips, as above) from Surrey (RHS, Wisley) and an additional collection at K (det. Hausknecht) from Kew. Note that the Phillips illustration was erroneously referred to *C. velutipes* in the printed Checklist. [UD2]

Conocybe hexagonospora Hauskn. & Enderle, in Hausknecht, *Österr. Z. Pilzk., N.S.* 2: 40 (1993)

S: !

New record. There are recent collections (2001) at E (det. Hausknecht) from Peebleshire (Dawyck).

[UD2]

Conocybe macrospora (G.F. Atk.) Hauskn.

C. ochracea f. macrospora (G.F. Atk.) Kühner ex Watling

Listed from Scotland (St Kilda) in Watling [*Trans. Bot. Soc. Edinb.* 41: 170 (1971)], but presumably in error, since the combination (attributed to Kühner) cannot be traced. [UD4]

Conocybe ochrostriata Hauskn., *Österr. Z. Pilzk., N.S.* 14: 246 (2005)

E: ! **S:** ! **W:** !

H: British collections mostly in grassland.

D+I: B&K4 310 391 (as *C. sienophylla*)

Newly described from Austria, with British paratypes at K from England (Surrey) and at E from Scotland (Orkneys, Peebleshire, Perthshire) and Wales (Cardiganshire). [UD2]

Conocybe pallidospora Kühner & Watling, in Watling, *Notes Roy. Bot. Gard. Edinburgh* 40: 540 (1983)

E: !

H: On soil in woodland.

New record. Originally described from France, but there is material at E from North Yorkshire (Malham) det. Hausknecht, previously filed as *C. pilosella*. [UD2]

Conocybe rostellata (Velen.) Hauskn. & Svrček

E: ! **S:** !

H: On soil in woodland.

Move from 'excluded'. There is now material det. Hausknecht at K or E from England (Bedfordshire, Lancashire, Norfolk, & Surrey) and Scotland (Argyll & Perthshire). Material was previously filed as *C. brunneola*, *C. kuehneriana*, *C. ochracea*, *C. pilosella*, or *C. sienophylla*. [UD2]

Conocybe singeriana Hauskn., in Hausknecht & Krisai-Greilhuber, *Fungi non delineati* 2: 6 (1997)

E: !

H: On horse dung.

New record. There is now material det. Hausknecht at K from South Hampshire (New Forest) and at E from South Devon (Membury). [UD2]

COPRINELLUS P. Karst.

Agaricales, Psathyrellaceae

Type: *Coprinellus deliquescens* (Bull.) P. Karst.

Treated as a synonym of *Coprinus* in the published checklist, but now accepted as a separate genus. Unless indicated otherwise, the following entries

are all name changes for taxa previously listed in the genus *Coprinus*. [UD1]

amphithallus (M. Lange & A.H. Sm.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 232 (2001) [UD1]

angulatus (Peck) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 232 (2001) [UD1]

bisporiger (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 233 (2001) [UD1]

bisporus (J.E. Lange) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 233 (2001) [UD1]

congregatus (Bull.) P. Karst., *Bidr. Bidrag Kännedom Finlands Natur Folk* 32: 543 (1879) [UD1]

curtus (Kalchbr.) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 233 (2001) [UD1]

dilectus (Fr.) Redhead et al., *Taxon* 50(1): 233 (2001)
Coprinus dilectus Fr.

S: !

H: On twigs in wet places.

D+I: FM 10(1): 15-18 (2009)

Move from 'excluded'. Known in Britain from Perthshire, South Aberdeenshire, and (2008) the Isle of Arran. This is *Coprinus dilectus* sensu Jossierand (*Bull. Soc. Mycol. France* 57: 36-49 (1941)), NCL and BFF2, non sensu Lange (Fl.Dan4: 157A) which is *Coprinopsis erythrocephala*. [UD4]

disseminatus (Pers.) J.E. Lange, *Dansk Bot. Ark.* 9(6): 93 (1938) [UD1]

domesticus (Bolton) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 233 (2001) [UD1]

ellisii (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 233 (2001) [UD1]

ephemerus (Bull.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 233 (2001) [UD1]

flocculosus (DC) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 233 (2001) [UD1]

heptemerus (M. Lange & A.H. Sm.) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 234 (2001) [UD1]

heterosetulosus (Watling) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 234 (2001) [UD1]

heterothrix (Kühner) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001)
Coprinus heterothrix Kühner, *Bull. Soc. Nat. Oyonnax* 10-11 (suppl.): 3 (1957)

E: !

H: On soil in parkland.

D: FAN6: 46 **D+I:** B&K4: 282.

New record. Recent material (2005) at K from Buckinghamshire (Wotton House). [UD1]

hiascens (Fr.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

impatiens (Fr.) J.E. Lange, *Dansk Bot. Ark.* 9(6): 93 (1938) [UD1]

marculentus (Britzelm.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

micaceus (Bull.) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 234 (2001) [UD1]

pellucidus (P. Karst.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

plagioporus (Romagn.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

pyrrhanthes (Romagn.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

radians (Desm.) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 234 (2001) [UD1]

saccharinus (Romagn.) P. Roux, Guy Garcia & V. Dumas, in Roux, *Mille et un Champignons*: 13 (2006)
Coprinus saccharinus Romagn., *Bull. Trimestriel Soc. Mycol. France* 92(2): 203 (1976)

E: !

H: On soil/buried wood in mixed broadleaved woodland.

D: FN: 560 (as *Coprinus saccharinus*), FAN6: 86 (as *Coprinus saccharinus*)

A new combination for this species previously excluded as *Coprinus saccharinus*. A single collection (2009) reported from Buckinghamshire (Wotton Park). Previously reported from Oxfordshire and Buckinghamshire but excluded as a dubious species not readily distinguished within the *C. truncorum* complex. [UD5]

sassii (M. Lange & A.H. Sm.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

sclerocystidiosus (M. Lange & A.H. Sm.) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 234 (2001) [UD1]

subdisseminatus (M. Lange) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

subimpatiens (M. Lange & A.H. Sm.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

subpurpureus (A.H. Sm.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 234 (2001) [UD1]

truncorum (Schaeff.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 235 (2001) [UD1]

velatopruinatus (Bender) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 235 (2001) [UD1]

verrucispermus (Joss. & Enderle) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 235 (2001)
Coprinus verrucispermus Joss. & Enderle, in Bender & Enderle, *Z. Mykol.* 54: 67 (1988)

E: !

H: In grassland.

D: FAN6: 54-55

New record. Recent material (2005) at K from Lancashire (Cuerdon Valley Park). [UD1]

xanthothrix (Romagn.) Vilgalys, Hopple, & Jacq. Johnson, *Taxon* 50: 235 (2001)

COPRINOPSIS P. Karst.

Agaricales, Psathyrellaceae

Type: *Coprinopsis friesii* (Qué.) P. Karst..

Treated as a synonym of *Coprinus* in the published checklist, but now accepted as a separate genus. Unless indicated otherwise, the following entries are all name changes for taxa previously listed in the genus *Coprinus*. [UD1]

acuminata (Romagn.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 226 (2001) [UD1]

- ammophilae** (Courtec.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 226 (2001) [UD1]
- argentea** (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 226 (2001) [UD1]
- atramentaria** (Bull.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 226 (2001) [UD1]
- bicornis** (Uljé & Horvers) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 227 (2001)
Coprinus bicornis Uljé & Horvers, in Uljé & Noordeloos, *Persoonia* 17: 170 (1999)
- E: !**
H: On horse dung.
D: FAN6: 67-68
New record. Recent material (2005) at K from Buckinghamshire (Hampden Common). [UD1]
- cinerea** (Schaeff.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 227 (2001) [UD1]
- cinereofloccosa** (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 227 (2001) [UD1]
- coniophora** (Romagn.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 227 (2001) [UD1]
- cothurnata** (Godey) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 227 (2001) [UD1]
- echinospora** (Buller) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 227 (2001) [UD1]
- episcopalis** (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 228 (2001) [UD1]
- erythrocephala** (Lév.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 228 (2001) [UD1]
- filamentifer** (Kühn.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 228 (2001) [UD1]
- friesii** (Qué.) P. Karst., *Acta Soc. Flora Faun. Fenn.* 2: 27 (1881) [UD1]
- gonophylla** (Qué.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 228 (2001) [UD1]
- jonesii** (Peck) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 228 (2001) [UD1]
- krieglsteineri** (Bender) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- kubickae** (Pilát & Svrček) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- laanii** (Kits van Wav.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- lagopides** (P. Karst.) Redhead, Vilgalys & Moncalvo
Move to 'excluded' list. [UD5]
- lagopus** (Fr.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- lagopus** *var. vacillans* (Uljé) P. Roux & Guy Garcia, in Roux, *Mille et un Champignons*: 13 (2006)
Name changed from *Coprinus lagopus var. vacillans*. [UD5]
- lagopus** (Fr.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- luteocephala** (Watling) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- macrocephala** (Berk.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- marcescibilis** (Britzelm.) Örstadius & E. Larss., *Mycol. Res.* 112: 1180 (2008)
Psathyrella marcescibilis (Britzelm.) Singer
A change of genus for *Psathyrella marcescibilis*, based on molecular research [Larsson & Örstadius, *Mycol. Res.* 112(10): 1165-1185 (2008)]. [UD4]
- martinii** (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- narcotica** (Batsch.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- nivea** (Pers.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 229 (2001) [UD1]
- ochraceolanata** (Bas) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- pachyderma** (Bogart) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- pachysperma** (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- pannucoides** (J.E. Lange) Örstadius & E. Larss., *Mycol. Res.* 112: 1180 (2008)
Psathyrella pannucoides (J.E. Lange) M.M. Moser
A change of genus for *Psathyrella pannucoides*, based on molecular research [Larsson & Örstadius, *Mycol. Res.* 112(10): 1165-1185 (2008)]. [UD4]
- phaeospora** (P. Karst.) P. Karst., *Acta Soc. Flora Faun. Fenn.* 2: 27 (1881) [UD1]
- phlyctidospora** (Romagn.) Redhead, Vilgalys & Moncalvo, in Redhead, Vilgalys, Moncalvo, Johnson & Hopple, *Taxon* 50(1): 230 (2001)
Coprinus phlyctidosporus Romagn., *Rev. Mycol.* (Paris) 10(5-6): 88 (1945)
Wrongly named as *C. lagopides* (q.v.) in the printed Checklist. [UD5]
- picacea** (Bull.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- pseudofriesii** (Pilát & Svrček) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- pseudonivea** (Bender & Uljé) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001)
- E: ! W: !**
H: British collections on cow and deer(?) dung.
Additional, recent material (2006) at K from Wales (Carmarthenshire). [UD1]
- pseudoradiata** (Watling) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- radicans** (Romagn.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- romagnesiana** (Singer) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 230 (2001) [UD1]
- rugosobispora** (J. Geesink & Imler) Redhead, Vilgalys & Moncalvo, in Redhead, Vilgalys, Moncalvo, Johnson & Hopple, *Taxon* 50(1): 231 (2001)
Coprinus rugosobisporus J. Geesink & Imler, *Sterbeekia* 12: 9 (1979)
- E: !**
H: English collection on chipboard in hen house.
Elsewhere in Europe on dung.
D+I:
New record. A collection (2010) at K from East Norfolk (Briston). This is a bisterigmate close relative of *C. phlyctidospora*. The spores were

larger than those of the original description (D.J. Schafer pers. comm.). [UD6]

saccharomyces (P.D. Orton) P. Roux & Guy Garcia, in Roux, *Mille et un Champignons*: 13 (2006)
Name changed from *Coprinus saccharomyces*. [UD5]

sclerotiger (Watling) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 231 (2001) [UD1]

scobicola (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 231 (2001) [UD1]

semitalis (P.D. Orton) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 231 (2001) [UD1]

spelaiophila (Bas & Uljé) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 231 (2001) [UD1]

stangliana (Enderle, Bender & Gröger) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 231 (2001) [UD1]

stercorea (Fr.) Redhead, Vilgalys & Moncalvo
Agaricus stercorarius Bull., *Herb. France* (Paris) 12: pl. 542 (1792)
Coprinus stercorarius (Bull.) Fr., *Epicr. syst. mycol.* (Uppsala): 251 (1838)

Remove the two names above from synonymy to 'excluded' list (q.v.). [UD5]

tectispora (Bogart) Redhead, Vilgalys & Moncalvo, in Redhead, Vilgalys, Moncalvo, Johnson & Hople, *Taxon* 50(1): 231 (2001)

E: !

H: On woodchip in garden path.

D+I: FM 11(1): 5-9 (2010)

New record. A recent collection (2009) at K from Oxfordshire (Wheatley) reported in FM 11(1) as new to Europe. [UD5]

tigrinella (Boud.) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 231 (2001) [UD1]

trisporea (Kemp & Watling) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 232 (2001) [UD1]

tuberosa (Quél.) P. Roux & Guy Garcia, in Roux, *Mille et un Champignons*: 13 (2006)
Mis.: *Coprinus stercorarius* sensu NCL

A new combination for this species previously included as *Coprinus tuberosus*. Change Mis. from sensu Lange to sensu NCL as above. [UD5]

urticola (Berk. & Broome) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 232 (2001) [UD1]

utrifer (Watling) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 232 (2001) [UD1]

vermiculifer (Dennis) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 232 (2001) [UD1]

COPRINUS Pers.

Agaricales, Agaricaceae

Molecular research has shown that *Coprinus* sensu lato is a heterogeneous grouping: the type (*C. comatus*) and a few related species belong in the *Agaricaceae*, whilst the bulk of species belong in the *Psathyrellaceae*. Redhead *et al.* (*Taxon* 50: 203-241, 2001) proposed moving the latter grouping into the segregate genera *Coprinellus*, *Coprinopsis*, and *Parasola*. A counter-proposal (Jørgensen *et al.*, *Taxon* 50: 909, 2001) to conserve the name *Coprinus* for much of the latter grouping (by changing the type species to *C.*

atramentarius) has now been defeated (Gams, *Taxon* 54: 12, 2005) and the proposal of Redhead *et al.* is accordingly adopted here. *Coprinus comatus* and *C. sterquilinus* remain in the genus *Coprinus* sensu stricto. Name changes for other species are listed under *Coprinellus*, *Coprinopsis*, and *Parasola*. Note that new combinations are currently lacking for a few taxa. [UD1]

Coprinus lagopus var. vacillans Uljé

Name changed to *Coprinopsis lagopus* var. *vacillans* (q.v.). [UD5]

Coprinus saccharomyces P.D. Orton

Name changed to *Coprinopsis saccharomyces* (q.v.). [UD5]

Coprinus sterquilinus (Fr.) Fr.

Coprinus oblectus (Bolton) Gray, *Nat. arr. Brit. pl.* 1: 634 (1821)

Correct author citation and publication reference for *Coprinus oblectus*. [UD4]

Coprinus tuberosus Quél.

Name changed to *Coprinopsis tuberosa* (q.v.). [UD5]

CORTINARIUS (Pers.) Gray

Rozites P. Karst.

Add the genus *Rozites* to synonymy. Molecular studies (Peintner, Horak, Moser, & Vilgalys, *Mycotaxon* 83: 447 - 451, 2002) have shown that *Rozites* is not distinct from *Cortinarius*. [UD2]

alcalinophilus Rob. Henry, *Bull. Soc. Mycol. Fr.* 67: 301 (1952)

E: !

H: With *Helianthemum* sp.

New record. Recent material (2005) at K from Kent (Queendown Warren). [UD1]

alpinus Boud., *Bull. Soc. Mycol. France* 11: 27 (1895)

Cortinarius favrei D.M. Hend., *Notes Roy. Bot. Gard. Edinburgh* 22: 593 (1958)

S: !

H: On soil, with *Salix* spp., in boreal or montane habitat. British material with *Salix herbacea* and rarely *S. repens*.

D: FN: 673 **D+I:** B&K5: 226 279 (as *C. favrei*), CFP3: C01 **I:** C&D 343 (as *C. favrei*), FM 10(2): 44 (2009)

Known from Orkney, Shetland and South Aberdeenshire (Cairn Gorm). Previously included as *C. favrei* (= *C. alpinus* sensu Favre) and excluded as *C. alpinus*, which was considered distinct and unknown in Britain. See FM 10(2): 46 (2009) for the reasons for now accepting this synonymy. [UD5]

arcuatorum Rob. Henry, *Bull. Soc. Mycol. France* 55: 80 (1939)

Cortinarius fulvoincarnatus Joachim (*nom. inval.*), *Bull. Soc. Linn Seine-Mart.* 24: 62 (1936)

Cortinarius fulvoincarnatus Joachim ex Bidaud *et al.*, *Atlas des Cortinaires* 11: 572 (2001)

E: !

H: Associated with *Corylus*, *Carpinus*, *Fagus* and *Quercus* spp in calcareous woodland.

D+I: FM9(2): 39-40

Name change from *C. fulvoincarnatus*. Three English collections at K from East Kent, Westmorland, and

Worcestershire. Note also change to author and publication reference for *C. fulvoincarnatus*. [UD3]

arvinaceus Fr.

Move to 'excluded' list. [UD5]

betuletorum M.M. Moser

A synonym of *C. raphanoides* (q.v.), not *vice versa*. [UD1]

bulbosus (Sowerby) Gray, *Nat. arr. Brit. pl.* 1: 630 (1821)

Correct author citation and publication reference. [UD4]

catharinae Consiglio, *Rivista Micol.* 39(3): 199 (1997) [1996]

E: !

H: English collection from chalk woodland soil with *Fagus sylvatica*.

D: FN: 696 **D+I:** Cadiñanos (2004): 21-23 & 40
New record. A recent (2010) collection at K from Buckinghamshire (Mousells Wood). [UD5]

cisticola Frøslev & T. S. Jeppesen, *Mycol. Res.* 110: 1051 (2006)

E: ! **W:** !

H: On soil, in grassland on limestone, with *Helianthemum nummularium*.

New record. A species in the *C. calochrous* group, typically occurring with *Cistus* or *Helianthemum* spp. A recent collection (2008) at K from England (North Somerset). Also reported (as *C. calochrous*) from Derbyshire in 2004 and Wales (Glamorganshire) in 2006. [UD4]

caerulescens (Schaeff.) Fr.

Cortinarius cyanus β *caerulescens* (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 627 (1821)

Add *Cortinarius cyanus* β *caerulescens* to synonymy. [UD4]

caesiocortinatus Jul. Schäff., *Sydowia* 5(3-6): 359 (1951)

E: !

H: English collection on roadside soil under *Quercus*.

D+I: FM 15(4): 128-129 (2014)

New record. A collection (2013) at K from North Somerset (Abbots Leigh). [UD6]

caperatus (Pers.) Fr.

Rozites caperatus (Pers.) P. Karst

Name change, as above. [UD2]

casimiri (Velen.) Huijsman

E: ! **W:** ?

H: English collection on soil with *Pinus sylvestris*.
Move from 'excluded'. Recent material (2006) at K from Surrey (Oxshott Heath). [UD1]

coleoptera H. Lindstr. & Soop, *Journal des JEC* 1: 58 (1999)

S: !

H: Scottish collections on sandy soil in *Pinus* plantation with a few *Betula pubescens*.

D+I:

New record. Three collections (2004 onwards) originally identified in the UNITE DNA sequence database as *C. umbrinolens* from Morayshire (Culbin Forest) were redetermined by Niskanen et al. [*Mycol. Res.* 113(2): 182-206 (2009)]. [UD6]

collinitus (Sowerby) Gray

H: [Amended] Believed to be associated strictly with *Picea*.

D: [Additional] FN: 673 **D+I:** [Additional] CFP1: A34 (as *C. muscigenus*), B&K5: 230 283 (as *C. muscigenus*) **I:** [Additional] FM 10(2): 44 (2009)
Accepted sensu J. Lange (1938), FN and auct. mult., non sensu Sowerby (type with *Quercus* in SE London). For discussion see FM 10(2): 43 & 46 (2009). [UD5]

comptulus M.M. Moser

S: !

H: Scottish collection on soil under *Picea sitchensis*.

D+I:

Move from 'excluded' list. A collection (2001) at E from Peebleshire (Dawyck Botanic Garden). [UD6]

diasemospermus var. leptospermus H. Lindstr., in Brandrud, Lindström, Marklund, Melot & Muskos, *Cortinarius*, Flora Photographica [English translation by T.E. Brandrud] 4: 20 (1998)

E: !

H: English collection from soil with *Betula* sp.

D: FN: 768 **D+I:** CFP4: D27

New record. A recent (2010) collection at K from Middlesex (Gunnersbury Triangle Nature Reserve). Part of the *Pelargonium*-smelling *C. paleaceus* complex. [UD5]

diosmus Kühner, *Bull. Mens. Soc. Linn. Lyon* 24: 39 (1955)

E: ? **S:** !

H: Scottish collection on soil, with *Betula* sp.

D+I: FM 10(1): 20-21 (2009)

New record. A recent collection (2008) at K from South Aberdeen. Previously reported from Surrey, but without voucher material. [UD4]

elatior Fr., *Epicr. Syst. Mycol.*: 274 (1838)

Agaricus elatus Pers. [*nom. illegit.*, non *A. elatus* Batsch (1783)], *Syn. Meth. Fung.*: 332 (1801)
Mis.: *C. livido-ochraceus* sensu auct. mult.

E: o **S:** o **W:** o **NI:** ! **ROI:** ! **O:** Isle of Man: !

H: On acidic soil, usually associated with *Fagus* in beechwoods or mixed broadleaved woodland.

D: FN: 675 **D+I:** CFP1: A41 (as *C. livido-ochraceus*), B&K5: 228 281 (as *C. livido-ochraceus*), FM 10(2): 47-48 (2009) **I:** C&D 343

A rather uncommon species producing large fruitbodies with a dark wrinkled cap, gills usually strongly interveined and a fusiform stipe tinged with violet in the lower half. Previously included as *C. livido-ochraceus* (see below). [UD5]

facetorum M.M. Moser, *Kleine Kryptogamenflora*, Edn 3, 2b/2: 337 (1967)

E: !

H: English collection on soil/mossy stump with *Castanea sativa* in woodland.

Move from 'excluded' list. A single collection (2010) at K from West Kent (Mereworth Woods) and a single report from Wales (Bettws-y-Coed) in 1988, but the latter doubtfully identified and lacking voucher material. [UD5]

favrei D.M. Hend.

Delete as a separate taxon and add to synonymy of *C. alpinus* (q.v.). [UD5]

fragrantior Gaugué, *Docums Mycol.* 7(nos 27-28): 54 (1977)

NI: !

H: Northern Irish collection on woodland soil under *Picea*.

D+I: FM 14(2): 48-52 (2013)

New record. Collections (2012) at K from Fermanagh (Correl Glen and Crom). [UD6]

fulvoincarnatus Joachim ex Bidaud *et al.*
Name change to *C. arcuatorum* (see above). [UD3]

fusisporus Kühner, *Bull. mens. Soc. linn. Soc. Bot. Lyon* 24: 39 (1955)

E: !

H: English collection on mixed woodland soil.

D+I:

New record. A collection (2005) at K from Worcestershire (Halesowen). [UD6]

glaucopus (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 629 (1821)

Amend author citation and publication reference.

[UD4]

helobius Romagn.

E: !

H: On soil under broadleaved trees.

D+I: CFP3: C43, B&K5:260 328

Move from 'excluded' list. Collections (2009 & 2012) at K from Dorset (Studland) and West Kent (Keston). [UD6]

integerrimus Kühner, *Doc. Mycol.* 20(77): 92 (1989)

Cortinarius integerrimus Kühner, *Bull. Mens. Soc. Linn. Lyon* 28: 127 (1959) [*nom. inval.*]

Mis.: *C. stillatitius* sensu auct. mult. p.p.

E: ! **S:** !

H: On acidic soil in northern coniferous-*Betula* woodlands.

D: FN: 675 (as *C. stillatitius*) **D+I:** CFP1: A33 (as *C. stillatitius*), B&K5: 232 286 (as *C. stillatitius*) **I:** FM 10(2): 49 & 55 (2009)

Distribution unknown, mainly Scottish but also e.g. Sheffield. Much confused with *C. mucifluoides* (= *C. pseudosalor* sensu auct.) which is very similar but with slightly smaller spores and different ecology.

[UD5]

leiocastaneus Niskanen, Liimat. & Soop, *Mycol. Progr.* 7(4): 244 (2008)

E: !

H: English collection on woodland soil under *Picea*.

D+I:

New record. A collection (2012) at K from North Somerset (Stockhill Plantation). [UD6]

livido-ochraceus (Berk.) Berk., *Outl. Brit. Fungol.*: 186 (1860)

Agaricus livido-ochraceus Berk., *Engl. Fung.*: 89 (1836)

Cortinarius pumilus (Fr.) J.E. Lange, *Fl. Agaric. Danic.* 3: 23 (1938)

Cortinarius collinitus ♂ *pumilus* Fr., *Hymenomyc. Eur.*: 355 (1874)

E: ! **W:** !

H: On soil in broadleaved woodland.

I: FM 10(2): 49 (2009) (copy of painting presumed to be of type), Cooke 739 (767) Vol. 5 (1886) (reproduced FM 10(2): back cover), FIDan 3: 89D (as *C. pumilus*)

Excluding *C. livido-ochraceus* sensu FN p.p. and auct. mult. (= *C. elatior*), which produces similar but larger fruitbodies. Described from Northamptonshire (King's Cliffe) and distribution poorly known (uncommon?). Most historical British records so named are likely to be of *C. elatior*. See FM 10(2): 49-50 (2009) for further discussion.

[UD5]

moenne-loccozii Bidaud, in Bidaud, Moënnelocoz, Reumaux & Henry, *Atlas des Cortinaires*, Pars V (Annecy): 151 (1993)

E: !

H: English collection from chalk woodland soil with *Carpinus betulus*.

D: FN: 690 **D+I:** Cadiñanos (2004): 7-8 33 & 34
New record. A recent (2010) collection at K from West Kent (Hartley Wood). [UD5]

mucifluoides Rob. Henry, *Doc. Mycol.* 16(61): 21 (1985)

Cortinarius elatior f. *mucifluoides* Rob. Henry, [*nom. nud.*], *Rev. Mycol. (Paris)* 10(1) Suppl.: 33 (1945)

Mis.: *Cortinarius pseudosalor* sensu auct. brit., Cooke, Rea and sensu FN p.p.

Mis.: *Cortinarius stillatitius* sensu NCL and auct. mult.

E: o **S:** ! **W:** o **NI:** !

H: On acidic soil in mixed deciduous woodland, usually associated with *Fagus* or *Quercus* spp., occasionally with *Betula* spp. or *Castanea*. Rarely reported with *Pinus* spp.

D+I: Ph: 121 (as *C. pseudosalor*), Ph2: 169e (as *C. stillatitius*) **I:** C&D: 343 (as *C. stillatitius*), FM 10(2): 50 (2009)

Rather common in southern broadleaved woodlands in Britain especially under beech. [UD5]

mucosus (Bull.) J.J. Kickx, *Flore Crypt. des Flandres* 2: 191 (1867)

H: Delete "usually", it is a strict *Pinus* associate

D: [Additional] FN: 674 **I:** [Additional] FM 10(2): 45 (2009)

Amend author citation and publication reference for combination. [UD5]

nolaneiformis (Velen.) Dima, Niskanen & Liimat., *Mycol. Progr.* 13(3): 871 (2014)

Hydrocybe nolaneiformis Velen. *Novitates Mycologicae*: 116 (1939)

E: !

H: English collection on clay soil in wooded parkland.

D+I:

New record. A collection (2014) at K from Middlesex (Hampstead Heath) confirmed by DNA sequence data (in prep.). This collection was originally reported online and in the national press named as *C. irregularis*. It is likely to be widespread in suitable habitat although no further examples were found by sequencing putative specimens in K.

[UD6]

paragaudis Fr.

Mis.: *Cortinarius haematochelis* sensu Moser (*Schweiz. Z. Pilzk.* 57: 113-124, 1965)

S: !

H: On soil in woodland near *Betula* sp.

Move from 'excluded'. Recent material (2005) at K from Easterness (Abernethy Forest), where previously collected by Orton (NBA9: 551) as *C. haematochelis*. [UD1]

platypus (M.M. Moser) M.M. Moser, in Gams, *Kleine Kryptogamenflora*, Edn 3, 2b/2: 292 (1967)

Phlegmacium platypus M.M. Moser, *Die Gattung Phlegmacium*: 353 (1960)

E: !

H: English collection from chalk woodland soil with *Fagus sylvatica*.

D: FN: 698 **D+I:** Cadiñanos (2004): 25-26 & 42
New record. A recent (2010) collection at K from Buckinghamshire (Mousells Wood). [UD5]

poppyzon Melot, *Docum. Mycol.* 20(77): 96 (1989)
S: !

H: Scottish collection on soil, with *Pinus* sp.

D+I: B&K5 214 259 (as *C. malachius*); FM 10(1): 21-22 (2009)

New record. A recent collection (2008) at K from South Aberdeen. **[UD4]**

pumilus (Fr.) J.E. Lange

Delete as a separate taxon and add to synonymy of *C. livido-ochraceus* (see above). **[UD5]**

puniceus P.D. Orton

E: !

H: On acidic soil in woodland.

D+I: Ph: 141

Move from synonymy of *Cortinarius sanguineus* and include as a separate species following DNA sequence analysis of Orton's type specimen by Niskanen et al. [*Mycologia* 104(1): 242-253 (2012)]. **[UD6]**

raphanoides Pers., *Syn. meth. fung.*: 324 (1801)

The correct name for *C. betuletorum*, with which it was mistakenly placed in synonymy in the printed checklist. **[UD1]**

sanguineus (Wulfen) Gray, *Nat. arr. Brit. pl.* 1: 629 (1821)

Amend author citation and publication reference. **[UD4]**

septentrionalis Bendiksen, K. Bendiksen & Brandrud, *Sommerfeltia* 19: 27 (1993)

S: !

H: Scottish collection from soil with *Betula* sp.

D: FN: 674 **D+I:** CFP2: B04

New record. A recent (2010) collection at K from South Aberdeenshire (Inverey). **[UD5]**

serratissimus M.M. Moser, *Nova Hedwigia* 14: 516 (1968) [1967]

E: !

H: English collection on soil under *Corylus avellana* in broadleaved woodland.

D: FN: 740 & 741 **I:** Moser & Jülich (1985-): III Cortinarius 38

New record. A recent (2009) collection at K from Dorset (Clifton Maybank). **[UD5]**

sommerfeltii Høil., *Opera Bot.* 71: 97 (1984) [1983]

E: ! **S:** !

H: English and Scottish collections from *Picea* plantations.

D: FN: 669 & 670 **D+I:** CFP1: A44

A recent (2009) collection at K from Dorset (Ashmore) fruiting with old *Picea abies* and an earlier (1995) record from Peeblesshire (Glentress Forest). **[UD5]**

splendificus Chevassut & Rob. Henry, *Docums Mycol.* 5(no. 20): 33 (1975)

E: !

H: English collection on deciduous woodland soil under *Tilia cordata*.

D+I:

New record. A collection (2013) at K from Northamptonshire (Easton Hornstocks). **[UD6]**

stillatitius Fr.

Move to 'excluded' list. See *C. mucifluoides* and *C. integerrimus*. **[UD5]**

suberi Soop, *Agarica* 10/11(no. 19-20): 106 (1990)

S: !

H: Scottish collection on semi-natural woodland soil under *Pinus sylvestris*.

D+I:

New record. A collection (2012) from Easternness (Abernethy Forest, Ryduack East) sequenced and verified by Taylor et al. [*Scottish Natural Heritage Commissioned Report No. 762.* (2014)] **[UD6]**

subgaleroides Rob. Henry ex Rob. Henry, in Bidaud, Henry, Moëgne-Loccoz & Reumaux, *Atlas des Cortinaires 3* (Annecy): 70 (1991)

E: !

H: English collection on soil in poor acidic birch and oak scrub woodland soil near *Quercus*.

D+I:

New record. A collection (2011) at K from Middlesex (Hounslow Heath). **[UD6]**

tortuosus (Fr.) Fr.

S: !

H: Scottish collection with *Pinus* and *Betula* spp. Move from 'excluded'. Recent material (2005) at K from Easternness (Abernethy Forest). **[UD1]**

velenovskyanus Moëgne-Locc. & Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires*, Hors-Serie 1: 153 (1997)

E: !

H: English collection on calcareous woodland soil near *Carpinus betulus*.

D+I:

New record. A collection (2014) at K from West Kent (Darenth Wood). **[UD6]**

violaceus (L.) Gray, *Nat. arr. Brit. pl.* 1: 628 (1821)
Amend publication reference. **[UD4]**

Crepidotus caspari Velen., *Mykologia* 3: 70 (1926)
An earlier name and hence a name change (*Česká Mycol.* 57: 304, 2005) for *C. lundellii*. **[UD1]**

Crepidotus crocophyllus (Berk.) Sacc., *Syll. fung.* 5: 886 (1887)
Agaricus crocophyllus Berk., *J. Bot.*, London 6: 313 (1847)

E: !

H: English collection on woody debris of *Quercus* sp. in mixed woodland.

D+I: Consiglio & Setti (2008): 309-316, **I:** Lud1: 16.3

New record. A recent (2010) collection at K from Surrey (Witley Common). **[UD5]**

Crepidotus lundellii Pilát

Name changed to *C. caspari* (q.v.). **[UD1]**

Cristinia eichleri (Bres.) Nakasone, *Crypt. Mycol.* 29: 256 (2008)

Radulum eichleri Bres., *Ann. Mycol.* 1: 89 (1903)

Radulum gallicum Pilát

Cristinia gallica (Pilát) Jülich

Mis.: *Cristinia mucida* sensu Erikss. & Ryvarden (1975)

Mis.: *Radulum mucidum* sensu Bourdot & Galzin (1928)

An earlier name and hence a name change [*fide* Nakasone, *Crypt. Mycol.* 29: 231-257 (2008)] for the species previously listed as *C. gallica*. Widely distributed but uncommon in England. Reported from Scotland but unsubstantiated with voucher material. **[UD4]**

Cristinia gallica (Pilát) Jülich

Name changed to *C. eichleri* (see above). **[UD4]**

Crucibulum laeve (Huds.) Kambly

Cyathus scutellaris Roth, *Catal. bot.* 1: 217 (1797)
Add *C. scutellaris*, recorded as British by Gray [*Nat. arr. Brit. pl.* 1: 588 (1821)], to synonymy [*fide* Brodie (1975)].
Brodie (1975). [UD4]

Cystoderma amianthinum (Scop.) Fayod
Cystoderma amianthinum f. *rugulosoreticulatum*
Bon, *Bull. Soc. Mycol. Fr.* 86(1): 99 (1970)
Add f. *rugulosoreticulatum* (mentioned in notes on the species, but otherwise omitted from printed Checklist) to synonymy. [UD2]

Cystoderma cinnabarinum (Alb. & Schwein.)
Fayod
Name changed to *Cystodermella cinnabarina* (see below). [UD5]

Cystoderma granulorum (Batsch) Fayod
Name changed to *Cystodermella granulosa* (see below). [UD5]

Cystoderma jasonis (Cooke & Masee) Harmaja
Lepiota amianthina var. *longispora* Kühner [*nom. inval.*], *Bull. Soc. Mycol. France* 52: 204 (1936)
Cystoderma amianthinum var. *longisporum*
Kühner, *Bull. Mens. Soc. Linn. Lyon* 38(6): 184 (1969)
Amend author citation, synonym status and publication references. [UD5]

CYSTODERMELLA Harmaja, *Karstenia*
42: 43 (2002)

Type: *Cystodermella granulosa* (Batsch) Harmaja
A change of genus for two inamyloid-spored species of *Cystoderma* following a molecular study [Saar *et al.*, *Mycol. Progress* 8: 59-73 (2009)] which revealed *Cystoderma* and *Cystodermella* as two distinct monophyletic genera. [UD5]

cinnabarina (Alb. & Schwein.) Harmaja, *Karstenia*
42: 45 (2002)
Cystoderma cinnabarinum (Alb. & Schwein.)
Fayod
Lepiota cinnabarina (Alb. & Schwein.) P. Karst.,
Bidrag Kännedom Finlands Natur Folk 32: 14 (1879)

Amend author citation and publication reference for synonymy. [UD5]

granulosa (Batsch) Harmaja, *Karstenia* 42: 46 (2002)
Cystoderma granulorum (Batsch) Fayod
Lepiota granulosa (Batsch) Gray, *Nat. arr. Brit. pl.* 1: 602 (1821)
Amend author citation and publication reference for synonymy. [UD5]

Cystolepiota icterina F.H. Møller ex Knudsen, *Bot. Tidsskr.* 73(2): 130 (1978)
E: !
H: English collections from limestone woodland soil under *Corylus avellana*.
D: FN: 534 **D+I:** FungEur4: 111-113 pl. 6
New record. Two recent (2010) collections at K from a single site in North Somerset (Ebbor Gorge). [UD5]

DENDROCOLLYBIA R.H. Petersen & Redhead, *Mycol. Res.* 105(2): 169 (2001)

Agaricales, Tricholomataceae

Type: *Dendrocollybia racemosa* (Pers.) R.H. Petersen & Redhead

A molecular investigation of *Collybia* [Hughes *et al.*, *Mycol. Res.* 105(2): 164-172 (2001)] has shown that the genus, even in its strict sense, is heterogeneous. As a result, the new genus *Dendrocollybia* has been created for *C. racemosa* (below). [UD4]

racemosa (Pers.) R.H. Petersen & Redhead
Collybia racemosa (Pers.) Quél. [UD4]

Dendrothele amygdalispora Hjortstam
Move to 'excluded' list. [UD5]

Dendrothele citrisporella Boidin & Duhem, in Buyk & Duhem, *Cryptog. Mycol.* 31(2): 153 (2010)
E: ! **W:** !
H: On bark of living trees and shrubs. British material, mostly previously determined as *D. amygdalispora* (see above), *D. cf. amygdalispora* or *Dendrothele* sp., on *Acer* spp., *Buxus sempervirens*, *Cornus sanguinea*, *Crataegus* sp., *Rhododendron ponticum*, *Rubus fruticosus* agg., *Salix* spp., *Taxus baccata* and *Ulmus* spp.
D: Myc 7(3): 153 (1993) (as *Dendrothele* sp.)
Rarely reported but apparently widespread in England, collected from two Welsh sites (Carmarthenshire & Radnorshire) and probably common. [UD5]

Dendrothele naviculoefibulata Duhem, *Bull. Soc. Mycol. France* 128(1-2): 65 (2012)

E: !
H: English collections on bark of standing diseased *Ulmus* trunks.
New record. Three collections (2009 & 2011) from two neighbouring elms in East Suffolk (Kenton Hills). [UD6]

DENTIPELLIS Donk, *Persoonia* 2: 232 (1962)

Hericiales, Auriscalpiaceae

Type: *Dentipellis fragilis* (Pers.) Donk

fragilis (Pers.) Donk, *Persoonia* 2: 233 (1962)

E: !
H: On fallen hardwood branches, often of *Fagus* or *Carpinus*, on calcareous soils. English collection on *Carpinus*.
D: NM3: 284 **D + I:** B&K2: 238 285 **I:** FM7(4): 111 (2006)
New record. Recent material (2006) from East Kent (Faversham). [UD1]

DESCOLEA Singer, *Lilloa* 23: 256 (1950)

Type: *Descolea antarctica* Singer

antarctica Singer, *Lilloa* 23: 257 (1950)

S: !
H: Scottish collection on soil under *Nothofagus pumilo* in a garden.
D: FN: 645

New record. A recent (2007) collection at E from Shetland (Lerwick). The tree was originally from a group collected in Tierra del Fuego in 1979 and planted in the Faeroe Islands before translocation to Shetland in 1993. The fungus has also been recorded fruiting under other trees from the same group planted in Norway in the Aboretum at Milde (Bergen). [UD5]

Dichomitus campestris (Quél.) Domański & Orlicz

Coriollus campestris (Quél.) Bondartsev, *Trutovye griby Evropeiskoi chasti SSSR i Kavkaza*: 515 (1953)
 Add *Coriollus campestris*, listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26: 23 (1966)], to synonymy. [UD3]

Dichomitus efibulatus A.M. Ainsworth & Ryvardeen, *Synopsis Fungorum* 25: 49 (2008)
E: !
H: On dead attached and fallen branches of *Corylus* and *Prunus spinosa*.
 A new species with unclamped hyphae, recently described from Cornwall and Devon. [UD4]

Diplomitoporus flavescens (Bres.) Domański
Antrodia flavescens (Bres.) Ryvardeen, *Norweg. J. Bot.* 20: 8 (1973)
 Add *Antrodia flavescens* (omitted from printed Checklist) to synonymy. [UD2]

ECHINODERMA (Locq. ex Bon) Bon, *Doc. Mycol.* 21 (82): 61 (1991)
 Type: *Echinoderma asperum* (Pers.) Bon
 Treated as a synonym of *Lepiota* in the printed Checklist, but now accepted as a separate genus.
 The following entries are all name changes for taxa previously listed in the genus *Lepiota*. This is a neuter genus. Names such as *E. aspera* and *E. perplexa* in FN are misspelt. [UD5]

asperum (Pers.) Bon, *Doc. Mycol.* 21 (82): 62 (1991) [UD5]

boertmannii (Knudsen) Bon, *Doc. Mycol.* 21 (82): 62 (1991) [UD5]

callicola (Knudsen) Bon, *Doc. Mycol.* 21 (82): 62 (1991) [UD5]

carinii (Bres.) Bon, *Doc. Mycol.* 21 (82): 63 (1991)
H: English collections from mixed or coniferous woodland.
 There are recent English collections at K from North Hampshire, North Somerset and Shropshire and a 1999 unsubstantiated report from the Isle of Wight. The illustration in B&K4: 204 234 (as *Lepiota* aff. *pseudoasperula*) is probably of this species *vide* FAN5. [UD5]

echinaceum (J.E. Lange) Bon [as '*echinacea*'], *Doc. Mycol.* 21 (82): 63 (1991) [UD5]

hystrix (F.H. Møller & J.E. Lange) Bon, *Doc. Mycol.* 21 (82): 63 (1991) [UD5]

jacobi (Vellinga & Knudsen) Gminder, *Die Großpilze Baden-Württembergs*, 4. Ständerpilze: Blätterpilze II (Stuttgart): 443 (2003) [UD5]
 NB also correction to epithet. Listed as *Lepiota jacobi* in printed Checklist, following *Index of Fungi* (where now corrected, 7(11): 638, 2006). [UD2]

perplexum (Knudsen) Bon, *Doc. Mycol.* 21 (82): 63 (1991) [UD5]

pseudoasperulum (Knudsen) Bon [as '*pseudoasperula*'], *Doc. Mycol.* 21 (82): 63 (1991) [UD5]

Entoloma callirhodon Hauskn. & Noordel., *Österr. Z. Pilzk.*, N.S. 8: 206 (1999)
W: !
H: In unimproved grassland.
D+I: FungEur5a: 1031-1033, 1290

New record. Recent material (2006) at K from Glamorganshire (Llantrisant Common). [UD2]

Entoloma clypeatum f. pallidogriseum Noordel., *Persoonia* 11: 171 (1981)
E: !
H: On soil, usually associated with *Crataegus monogyna*. Fruiting in spring (April).
D+I: FungEur5a: 1173 12a, 1174 12b
 Omitted from printed Checklist. This colour form is considered a distinct taxon by Noordeloos (FungEur5a). There is recent material (2002, 2005) at K from East Kent and Middlesex. [UD3]

Entoloma fridolfingense Noordel. & Lohmeyer, in Noordeloos, Wölfel & Enderle, *Z. Mykol.* 61(2): 194 (1995)
W: !
H: Welsh collection on soil in short turf of species-rich, maritime, calcareous grassland managed by cattle and pony grazing.
D+I: FM 13(3): 77-78 (2012)
 New record. A collection (2010) at K from Pembrokeshire (Stackpole Warren), confirmed by E.J.M. Arnolds. [UD6]

Entoloma gerriae Noordel., *Persoonia* 11(2): 199 (1981)
E: !
D+I: FAN1 106-107
 New record. A recent collection (2008) at K from West Gloucestershire. [UD4]

Entoloma griseorubidum Noordel.
 Delete as a separate entry. Placed by Noordeloos (FungEur5a) in synonymy with *E. indutoides*. [UD1]

Entoloma jahnii Wölfel & Winterh., *Österr. Z. Pilzk.* 2: 14 (1993)
E: !
H: On rotten fallen wood.
D+I: FungEur5a: 1140-1143, 1358; FM9(2): 49-50
 New record. A recent collection (2007) from Nottinghamshire (Clumber Park). [UD3]

Entoloma ochreoprunuloides Morgado & Noordel., *Persoonia* 31: 171 (2013)
Entoloma ochreoprunuloides f. *hyacinthinum* Noordel. & Morgado, *Persoonia* 31: 173 (2013)
W: !
H: Welsh collection on soil in unimproved grassland.
D+I:
 New record. A collection (2010) of the type form from Pembrokeshire (Somerton Farm) was sequenced and verified by Morgado et al. [*Persoonia* 31: 159-178 (2013)]. The holotype of f. *hyacinthinum* was collected at the same site in 2010 and its description and sequence data are in Morgado et al. (2013). A collection (2010) of this violet-tinged form from its type locality is at K. [UD6]

Entoloma prismatospermum (Romagn.) E. Horak, *Sydowia* 28(1-6): 216 (1976) [1975-1976]
Rhodophyllus prismatospermus Romagn., *Bull. Mens. Soc. Linn. Lyon* 43: 386 (1974)
E: ! S: !
H: Collections on soil in sheep-grazed grassland.
D+I:
 Omitted from printed checklist. A collection (1987) at K from South-west Yorkshire (Holt Rocher) and one (2000) at E from Dumfriesshire (Mennock Pass). [UD6]

Entoloma roseoalbum Arnolds & Noordel., *Fung. Eur.* 5a: 857 (2004)

E: !

H: English collection in *Alnus-Betula* swamp.

D+I: FM 10(1): 20 (2009)

New record. A recent collection (2008) at K from Shropshire. [UD4]

Entoloma sericeum (Bull.) Quél.

Entoloma sericeum f. *nolaniforme* (Kühner) Noordel., *Persoonia* 10: 480 (1980)

Add f. *nolaniforme*, recorded from Middlesex and Surrey but omitted from printed Checklist, to synonymy. Considered a synonym by Noordeloos (FungEur5). [UD4]

Entoloma rubellum (Scop.) Gillet,

Hyménomycètes: 400 (1876)

Agaricus rubellus Scop., *Fl. carniol.*, Edn 2, 2: 445 (1772)

W: !

H: Welsh collection on soil amongst grass.

D+I: FungEur5a: 841-844 & 1170

New record. A recent (2010) collection at K from Pembrokeshire (Hundleton) conf. M. Noordeloos. [UD5]

Entoloma ventricosum Arnolds & Noordel.

Nolanea ventricosa (Arnolds & Noordel.) P.D. Orton

E: ? **W:** ! **S:** ?

H: In unimproved grassland in spring.

D: FungEur5: 277-279 **I:** FungEur5a: 1236

Moved from 'excluded'. Recent collection (2008) at K from Wales (Pembrokeshire) confirmed E. Arnolds. Two additional collections from England (Surrey) at K as 'cf' this species. Also reported from elsewhere in England and Scotland, but unsubstantiated with voucher material. [UD3]

Entoloma viaregale Noordel., *Persoonia* 12: 211 (1984)

E: !

H: In calcareous woodland.

D+I: FungEur5a: 1068-1079, 1317

New record. Recent material (2005) at K from West Lancashire (Gait Barrows). [UD2]

Entoloma violaceoserrulatum Noordel., *Entoloma s.l.*, *Fungi Europaei* vol. 5 (Saronno) 5a: 1038 (2004)

W: !

H: Welsh collection on soil in calcareous grassland associated with *Helianthemum*.

D+I:

New record. A collection (2014) at K from Montgomeryshire (Llanymynech Hill) determined by M.E. Noordeloos. [UD6]

ERASTIA Niemelä & Kinnunen, *Karstenia* 45: 76 (2005)

Poriales, Corioloraceae

Type: *Erastia salmonicolor* (Berk. & M.A. Curtis) Niemelä & Kinnunen

salmonicolor (Berk. & M.A. Curtis) Niemelä & Kinnunen, *Karstenia* 45: 76 (2005)

Name change from *Hapalopilus salmonicolor*. [UD1]

ERYTHRICIUM J. Erikss. & Hjortstam

Marchandiobasidium Diederich & Schultheis, in Diederich, Schultheis & Blackwell, *Mycol. Res.* 107(5): 524 (2003)

Additional synonym.

aurantiacum (Lasch) D. Hawksw. & A. Henrici, *Field Mycology* 16(1): 16 (2015)

Illosporium aurantiacum Lasch, in Rabenhorst, *Bot. Ztg.* 17: 304 [1629] (1859)

Marchandiomyces aurantiacus (Lasch) Diederich & Etayo, in Etayo & Diederich, *Mycotaxon* 60: 421 (1996)

Marchandiobasidium aurantiacum (Lasch) Diederich & Schultheis, in Diederich, Schultheis & Blackwell, *Mycol. Res.* 107(5): 524 (2003)

E: ! **S:** ! **W:** ! **NI:** ! **ROI:** !

H: Lichenicolous, usually on *Physcia* spp.

Basidiomata found amongst minute globose sclerotia.

D+I: FM 12(4): 132-134 (2011) (as *Marchandiobasidium aurantiacum*)

Omitted from printed checklist. A collection of the sexual morph (2010) at K on *Physcia tenella* from Radnorshire (Glasbury). Records of the asexual morph are widespread in Britain and Ireland.

[UD6]

FAVOLASCHIA (Pat.) Pat., in Patouillard & Lagerheim, *Bull. Soc. mycol. Fr.* 8(3): 116 (1892)

Type: *Favolaschia gaillardii* (Pat.) Pat., *Bull. Herb. Boissier* 3(1): 54 (1895)

calocera R. Heim, *Revue Mycol.*, Paris 31(2): 154 (1966)

E: !

H: English collections on fallen dead wood of broadleaved trees.

D+I:

New record of a potentially invasive, wood-inhabiting saprotroph. Probably a recent introduction. Collections (2012 onwards) at K from South Devon (Paignton) and West Cornwall (Enys Estate).

[UD6]

Fayodia anthracobia (J. Favre) Knudsen

Fayodia bisphaerigera var. *anthracobia* J. Favre

E: ? **S:** !

H: On burnt soil.

D+I: FAN3 154

Move from 'excluded'. Recent collection (2007) at K from Scotland (Kindrogan). Reported from Yorkshire but unsubstantiated with voucher material. [UD4]

FIBRODONTIA Parmasto, *Conspectus Systematis Corticiacearum*: 174 (1968)

Type: *Fibrodontia gossypina* Parmasto

Treated as a synonym of *Hyphodontia* in the printed Checklist, but now accepted as a separate genus.

The following entry is a name change for a species previously listed in the genus *Hyphodontia*. [UD5]

gossypina Parmasto, *Conspectus Systematis Corticiacearum*: 207 (1968)

Amend entry as follows:

D: NM3: 211 (as *Hyphodontia gossypina*) **D+I:** CNE6: 1062-1065 [UD5]

Filobasidiella bacillispora Kwon-Chung, *Mycologia* 68(4): 945 (1976)

Cryptococcus neoformans var. *gattii* Vanbreus. & Takashio (anam.), *Ann. Soc. Belg. Med. Trop.* 50(6): 701 (1970)
Cryptococcus gattii (Vanbreus. & Takashio) Kwon-Chung & Boekhout (anam.), *Taxon* 51(4): 806 (2002)

E: !

H: Isolated ex pigeon droppings, ex human cerebral infection.

Omitted from printed Checklist. In Britain known only as the anamorphic yeast state, *Cryptococcus gattii*, causing cryptococcosis in humans. The species has been isolated from pigeon droppings in London and additional unlocalized UK strains are listed in the Health Protection Agency's on-line database.

[UD3]

Flammulina elastica Redhead & R.H. Petersen, *Mycotaxon* 71: 293 (1999)
Agaricus elasticus Lasch, *Bot. Ztg.* 15: 171 (1857) [*Nom. illegit.*, Art. 53.1]

E: ! **W:** !

H: On dead wood or on soil containing woody debris.

D+I: FM 12(2): 39-41 (2011)

New record. First English collection (2010) as a glasshouse alien at the base of a conebush (*Leucadendron conicum*: Proteaceae) at K from Surrey (Temperate House, RBG Kew). Subsequent outdoor collections at K from Pembrokeshire (Rosemarket) and Surrey (Putney and Brookwood).

[UD6]

Flammulina fennae Bas, *Persoonia* 12(1): 52 (1983)

E: !

H: English collection on fallen dead trunk.

D: FM 12(2): 39-41 (2011)

New record. A collection (2014) at K from Buckinghamshire (Black Wood). **[UD6]**

Flammulina populicola Redhead & R.H. Petersen, *Mycotaxon* 71: 288 (1999)

E: !

H: English collection fruiting on soil at the base of a tree (?*Salix*).

D: FN: 255 **D+I:** FM 12(3): 39-41 (2011)

New record. A recent (2010) collection at K from Surrey (Esher Common). **[UD5]**

FOMITIPORELLA Murrill, *North American Flora* 9(1): 12 (1907)

Type: *Fomitiporella umbellata* Murrill

cavicola (Kotl. & Pouzar) T. Wagner & M. Fisch., *Mycologia* 94(6): 1012 (2002)

Name changed from *Phellinus cavicola*. **[UD5]**

FOMITIPORIA Murrill, *North American Flora* 9(1): 7 (1907)

Type: *Fomitiporia langloisii* Murrill

hippophaeicola (H. Jahn) Fiasson & Niemelä, *Karstenia* 24: 25 (1984)

Name changed from *Phellinus hippophaeicola*.

D: Delete "(as *Fomitiporia hippophaeicola*)" **[UD5]**

pseudopunctata (A. David, Dequatre & Fiasson) Fiasson in Fiasson & Niemelä, *Karstenia* 24: 25 (1984)

Name changed from *Phellinus pseudopunctatus*. **[UD5]**

punctata (Fr.) Murrill, *Lloydia* 10: 254 (1947)

Name changed from *Phellinus punctatus*. **[UD5]**

robusta (P. Karst.) Fiasson & Niemelä, *Karstenia* 24: 25 (1984)

Name changed from *Phellinus robustus*. **[UD5]**

FUSCOPORIA Murrill, *North American Flora* 9(1): 3 (1907)

Type: *Fuscoporia ferruginosa* (Schrad.) Murrill

contigua (Pers.) G. Cunn., *Bull. New Zealand Dept. Sci. Industr. Res.* 73: 4 (1948)

Name changed from *Phellinus contiguus*. **[UD5]**

ferrea (Pers.) G. Cunn., *Bull. New Zealand Dept. Sci. Industr. Res.* 73: 7 (1948)

Name changed from *Phellinus ferreus*. **[UD5]**

ferruginosa (Schrad.) Murrill, *North American Flora* 9(1): 5 (1907)

Name changed from *Phellinus ferruginosus*. **[UD5]**

torulosa (Pers.) T. Wagner & M. Fisch., *Mycol. Res.* 105: 780 (2001)

E: !

Name changed from *Phellinus torulosus*. Amend distribution. **[UD5]**

wahlbergii (Fr.) T. Wagner & M. Fischer, *Mycol. Res.* 105: 780 (2001)

E: ! **ROI:** !

I: FM 9(4): 134 & back cover (2008)

Recent collections (2007- 2011) at K from Buckinghamshire (Langley Park) confirmed by L. Ryvardeen, East Suffolk (Staverton Park) and South Hampshire (New Forest). One historical collection (1946) at K from South Kerry (Dinish Island) redetermined as this. **[UD5]**

Galerina graminea (Velen.) Kühner, *Encyclop. Mycol.* 7. *Le Genre Galera*: 168 (1935)

Agaricus laevis Pers. [*nom. illegit.*, non *A. laevis* Schum. (1803)], *Mycol. eur.* 3: 164 (1828)

Galera graminea Velen., *České Houby* III: 548 (1921)

Galerina laevis Singer, *Persoonia* 2(1): 31 (1961)

Amended entry for taxon listed as *Galerina laevis* with *G. graminea* as synonym in printed Checklist. Persoon's widely used epithet was unavailable. **[UD5]**

Galerina vittiformis (Fr.) Singer

Galerina vittiformis f. *tetraspora* Singer & A.H.

Sm. [*nom. inval.*], *Genus Galerina*: 328 (1964)

Correct author citation and publication reference for the synonym f. *tetraspora* (a taxon never validly published). **[UD4]**

Geastrum britannicum J.C. Zamora, in Zamora, Calonge & Martín, *Persoonia* 34: 143 (2015)

Mis.: *Geastrum quadrifidum* sensu Brock et al. [*New Phytol.* 181: 719-724 (2009)]

E: ! **W:** !

H: On soil or woody debris, often under churchyard *Taxus* but also found near *Pinus* and *Quercus*.

D+I:

Three British collections at K previously determined as *G. quadrifidum* (or cf. this) and sequenced by Brock et al. [*New Phytol.* 181: 719-724 (2009)] became the holotype and paratypes of this taxon. Collections (1994 onwards) at K, including some originally determined as *G. fornicatum*, from Breconshire (Llandefaelog Fach), East Norfolk (Surlingham), Herefordshire (Ashperton and Cusop),

Monmouthshire (Abergavenny), North Somerset (Ashton Court), Radnorshire (Clyro, Glasbury, Llandeilo Graban and Nantmel), Shropshire (Ashford Carbonell), South Hampshire (Breamore), Surrey (Esher), West Norfolk (Cockley Cley and Rushford). **[UD6]**

Geastrum pseudolimbatum Hollós, *Mathem. Természettud. Közlem.* 19: 507 (1901)

E: !

H: English collection on soil under conifers.

D+I: Sunhede (1989): 322-337

New record. A collection (2011) at K from Surrey (Shalford). **[UD6]**

Gerronema prescotii (Weinm.) Redhead
Name changed to *Cantharellopsis prescotii* (q.v.). **[UD5]**

Gerronema stevensonii (Berk. & Broome) Watling
Move to 'excluded' list. **[UD5]**

GLIOPHORUS Herink, *Sb. Nár. Mus. v Praze*, Rada B, Prír. Vedy 1: 80 (1958)
Type: *Gliophorus psittacinus* (Schaeff.) Herink, *Sb. severočeského Musea*, Historia Naturalis 1: 82 (1958)

europlexus Dentinger, A.M. Ainsw., & P.F. Cannon, in Ainsworth, Dentinger & Cannon, *MycKeys* 7: 55 (2013)

W: !

H: Welsh collections on soil in rough upland pasture or on earth hedgebank.

D+I:

New record. Collections (2011 & 2012) at K from Merionethshire (Nicht, paratype) Pembrokeshire (Somerton Farm, holotype). **[UD6]**

irrigatus (Pers.) A.M. Ainsw. & P.M. Kirk, *Index Fungorum* 23: 1 (2013)
Name changed from *Hygrocybe irrigata*. **[UD6]**

laetus (Pers.) Herink, *Sb. severočeského Musea*, Historia Naturalis 1: 84 (1958)
Name changed from *Hygrocybe laeta*. **[UD6]**

psittacinus (Schaeff.) Herink, *Sb. severočeského Musea*, Historia Naturalis 1: 82 (1958)
Name changed from *Hygrocybe psittacina*. **[UD6]**

reginae Dentinger, A.M. Ainsw., & P.F. Cannon, in Ainsworth, Dentinger & Cannon, *MycKeys* 7: 50 (2013)
Hygrocybe sciophanoides var. *carneoviolacea* B. Lefebvre, *Docums Mycol.* 31(no. 121): 25 (2001)

E: ! **W:** !

H: On soil in unimproved short (grazed or mown) grassland.

D+I:

New record. Collections (1996 onwards) at K from Derbyshire (Edale and Woodlands Valley, paratypes), Pembrokeshire (Fishguard Cemetery, paratype and Somerton Farm), Staffordshire (Danebridge, paratype), Surrey (Roehampton), Worcestershire (Willow Bank, holotype and Bowcastle Farm, paratype). **[UD6]**

GLOBULISEBACINA Oberw., Garnica & K. Riess, in Oberwinkler, Riess, Bauer & Garnica, *Mycol. Progr.* 13(3): 466 (2014)

Type: *Globulisebacina rolleyi* (L.S. Olive) Oberw., Garnica & K. Riess, in Oberwinkler, Riess, Bauer & Garnica, *Mycol. Progr.* 13(3): 466 (2014)

rolleyi (L.S. Olive) Oberw., Garnica & K. Riess, in Oberwinkler, Riess, Bauer & Garnica, *Mycol. Progr.* 13(3): 466 (2014)

Exidia rolleyi L.S. Olive, *Bull. Torrey bot. Club* 85: 95 (1958)

Efibulobasidium rolleyi (L.S. Olive) K. Wells, *Mycologia* 67(1): 152 (1975)

W: !

H: Welsh collection on dead attached *Malus* twig in garden.

D+I: FM 12(4): 132-134 (2011) (as *Efibulobasidium rolleyi*)

New record. A collection (2010) at K from Radnorshire (Glasbury) determined by P.J. Roberts. **[UD6]**

Gloeophyllum abietinum (Bull.) P. Karst.,

E: ! **S:** !

H: On dead conifer wood including worked timber.

D+I:

Move from 'excluded' list. Re-assessed collections at K from Dumfriesshire (Ross Hill), East Norfolk (Norwich), Hertfordshire (Stocking Pelham) and West Sussex (Phillis Wood). **[UD6]**

GLOIOCEPHALA Masee, *Grevillea* 21(98): 33 (1892)

Type: *Gloiocephala epiphylla* Masee

caricis (P. Karst.) Bas, *Persoonia* 2(1): 82 (1961)
Name changed from *Marasmius caricis*. **[UD5]**

cornelii (Laessøe & Noordel.) E. Horak, *Röhrlinge und Blätterpilze in Europa*, 6 *Kleine Kryptogamenflora* Band 2, Teil b2: 508 (2005)
Name changed from *Marasmius cornelii*. **[UD5]**

pseudocaricis (Noordel.) Tkalčec & Mešič, *Mycologia* 100(2): 323 (2008)
Name changed from *Marasmius pseudocaricis*. **[UD5]**

Gomphidium glutinosus (Schaeff.) Fr.

Agaricus velatus With., *Bot. arr. Brit. pl.* ed. 2, 3: 290 (1792)

Cortinarius viscidus (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 629 (1821)

Cortinarius viscidus β *atropunctus* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 629 (1821) Add *Agaricus velatus* to synonymy. The species was described from Britain as a *nomen novum* for *A. glutinosus* sensu Schaeffer (non sensu Curtis), and is thus a superfluous name. **[UD3]** Add *Cortinarius viscidus* and β *atropunctus* to synonymy. **[UD4]**

Gomphus clavatus (Pers.) Gray

Clavaria elveloides Wulfen, *Misc. Austriaca* 2: 99 (1781)

Add *Clavaria elveloides*, listed as British by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], to synonymy. **[UD3]**

GRANULOBASIDIUM Jülich, *Persoonia* 10(3): 328 (1979)

Type: *Granulobasidium vellereum* (Ellis & Cragin) Jülich

vellereum (Ellis & Cragin) Jülich

Name change from *Hypochnicium vellereum* confirmed on molecular evidence by Larsson [*Mycol. Res.* 111: 186-195 (2007)]. [UD3]

Grifola frondosa (Dicks.) Gray
Boletus elegans Bolton [*nom. illegit.*, non *B. elegans* Bull. (1780); non *B. elegans* Schum. (1803)], *Hist. fung. Halifax* 2: 76 (1788)

Move *Boletus elegans* Bolton from 'excluded' and add to synonymy [*vide* Dickson, *Fasc. pl. crypt. brit.* 2: 27 (1790)]. [UD3]

Gymnopilus junonius (Fr.) P.D. Orton
Lepiota aurea Gray, *Nat. arr. Brit. pl.* 1: 588 (1821)
Mis.: *Agaricus aureus* Bull. sensu Sowerby (Col. fig. Engl. fung. pl. 77 (1797), sensu Cooke [Ill. Brit. fung. 373 (345) Vol. 3 (1895)])

Add *Lepiota aurea* Gray to synonymy and correct author citation for *Agaricus aureus*. [UD4]

GYMNOPUS (Pers.) Roussel [non *Gymnopus* Quéf. (1887)], *Flora Calvados*, Edn 2: 62 (1806)

Type: *Gymnopus fusipes* (Bull.) Gray

acervatus (Fr.) Murrill, *North American Flora, Ser. 1 (Fungi 3)*, 9: 362 (1916)
Name changed from *Collybia acervata*. [UD5]

alpinus (Vilgalys & O.K. Mill.) Antonín & Noordel., *Mycotaxon* 63: 363 (1997)
Name changed from *Collybia alpina*. [UD5]

androsaceus (L.) J.L. Mata & R.H. Petersen, in Mata, Hughes & Petersen, *Mycoscience* 45(3): 220 (2004)

Name changed from *Marasmius androsaceus*.

aquosus (Bull.) Antonín & Noordel., *Mycotaxon* 63: 363 (1997)
Name changed from *Collybia aquosa*. [UD5]

brassicolens (Romagn.) Antonín & Noordel., in Antonín, Halling & Noordeloos, *Mycotaxon* 63: 363 (1997)
Name changed from *Micromphale brassicolens*. [UD5]

brassicolens var. pallidus Antonín & Noordel., *Libri Botanici* 17: 77 (1997)
Name changed from *Micromphale brassicolens* var. *pallidus*. [UD5]

confluens (Pers.) Antonín, Halling & Noordel., *Mycotaxon* 63: 364 (1997)
Name changed from *Collybia confluens*. [UD5]

dryophilus (Bull.) Murrill, *North American Flora, Ser. 1 (Fungi 3)*, 9: 362 (1916)
Name changed from *Collybia dryophila*. [UD5]

erythropus (Pers.) Antonín, Halling & Noordel., *Mycotaxon* 63: 364 (1997)
Name changed from *Collybia erythropus*. [UD5]

fagiphilus (Velen.) Antonín, Halling & Noordel., *Mycotaxon* 63: 364 (1997)
Name changed from *Collybia fagiphila*. [UD5]

foetidus (Sowerby) J.L. Mata & R.H. Petersen, in Mata, Hughes & Petersen, *Mycoscience* 45(3): 221 (2004)
Name changed from *Micromphale foetidum*. [UD5]

fuscopurpureus (Pers.) Antonín, Halling & Noordel., *Mycotaxon* 63: 364 (1996)
Name changed from *Collybia fuscopurpurea*. Several English collections previously assigned to *C. obscura* J. Favre (a synonym in the printed Checklist) now redetermined as *G. obscuroides* (q.v.). [UD5]

fusipes (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 604 (1821)
Name changed from *Collybia fusipes*. [UD5]

impudicus (Fr.) Antonín, Halling & Noordel., *Mycotaxon* 63: 364 (1997)
Name changed from *Micromphale impudicum*. [UD5]

inodorus (Pat.) Antonín & Noordel., *Mycotaxon* 63: 364 (1997)
Name changed from *Collybia inodora*. [UD5]

luxurians (Peck) Murrill, *N. Amer. Fl.* (New York) 9(5): 362 (1916)
Name changed from *Collybia luxurians*. [UD5]

obscuroides Antonín & Legon, *Czech Mycol.* 60(1): 14 (2008)

E: ! W:!

H: English collections on grassland soil or amongst woodchips.

D+I: A&N4: 211-214

Holotype and nine paratype collections (1989-2005) at K (Surrey), all of which previously assigned to *Collybia obscura* J. Favre and synonymised with *C. fuscopurpurea* in the printed Checklist. Other collections at K (following recent redeterminations) from Berkshire, Denbighshire, Leicestershire, Middlesex, North Wiltshire, South Hampshire, South Somerset and Worcestershire. [UD5]

ocior (Pers.) Antonín & Noordel., *Mycotaxon* 63: 365 (1997)
Name changed from *Collybia ocior*. [UD5]

oreadoides (Pass.) Antonín & Noordel., *Mycotaxon* 63: 365 (1997)
Name changed from *Collybia oreadoides*. [UD5]

perforans (Hoffm.) Antonín & Noordel., *Czech Mycol.* 60(1): 25 (2008)
Name changed from *Micromphale perforans*. [UD5]

peronatus (Bolton) Gray, *Nat. arr. Brit. pl.* 1: 607 (1821)
Name changed from *Collybia peronata*. [UD5]

putillus (Fr.) Antonín, Halling & Noordel., *Mycotaxon* 63: 365 (1997)
Name changed from *Collybia putilla*. [UD5]

quercophilus (Pouzar) Antonín & Noordel., *Czech Mycol.* 60(1): 25 (2008)
Name changed from *Marasmius quercophilus*. [UD5]

terginus (Fr.) Antonín & Noordel., *Mycotaxon* 63: 365 (1997)
Name changed from *Collybia tergina*. [UD5]

GYRODONTIUM Pat., *Essai Tax. Hyménomyc.* (Lons-le-Saunier): 117 (1900)

Type: *Gyrodontium henningsii* (Bres.) Pat.

sacchari (Spreng.) Hjortstam, *Mycotaxon* 54: 186 (1995)

E: !

H: English collection fruiting on brown-rotted large wooden stakes resembling railway sleepers which had been driven into the ground.

D+I: FungEur12: 310-311 & 834
New record. A recent collection (2010) of this distinctive brown resupinate toothed *Coniophora* relative at K from East Cornwall (Lanhydrock) det. L. Ryvarden. **[UD5]**

GYROFLEXUS Raithelh., *Die Gattung Clitocybe* 1: 17 (1981)

Agaricales, Tricholomataceae

Sphagnomphalia Redhead, Moncalvo, Vilgalys & Lutzoni, *Mycotaxon* 82: 162 (2002)

Type: *Gyrophlexus brevibasidiatus* (Singer) Raitelch.

Gyrophlexus brevibasidiatus (Singer) Raithelh., *Die Gattung Clitocybe* 1: 17 (1981)

Sphagnomphalia brevibasidiata (Singer) Redhead, Moncalvo, Vilgalys & Lutzoni

Name change. An earlier genus for the species previously listed as *Sphagnomphalia brevibasidiata*. **[UD2]**

GYROPHANOPSIS Jülich, *Persoonia* 10(3): 329 (1979)

Type: *Gyrophanopsis zealandica* (G. Cunn.) Jülich

polonensis (Bres.) Stalpers & P.K. Buchanan, *New Zealand J. Bot.* 29(3): 333 (1991)

Name changed from *Hypochnicium polonense*. **[UD5]**

HANDKEA Kreisel

Move to synonymy of *Lycoperdon* (q.v.). **[UD3]**

Hapalopilus salmonicolor (Berk. & M.A. Curtis) Pouzar

Name changed to *Erastia salmonicolor* (q.v.). **[UD1]**

Hebeloma gigaspermum Gröger & Zschiesch.

Hebeloma groegeri Bon [*nom. superfl.*]

D+I: [additional] FNE3: 124-125

Mistakenly listed as *H. groegeri* in printed Checklist following Bon [*Doc. Mycol.* 31(123): 27 (2002)] who claimed that *H. gigaspermum* was an illegitimate homonym of '*H. gigaspermum* Cooke & Masee'. In fact, Cooke & Masee's species was *Agaricus gigasporus* so *H. gigaspermum* is legitimate, as noted by Vesterholt (FNE3). **[UD2]**

Hebeloma groegeri Bon [*nom. superfl.*]

Name change to *H. gigaspermum* (q.v.). **[UD2]**

Hebeloma laterinum (Batsch) Versterh., *Fungi of Northern Europe* 3: 106 (2005)

Agaricus laterinus Batsch, *Elench. fung. (Continuatio Secunda)*: 29 (1789)

Hebeloma senescens Sacc.

Hebeloma edurum Bon

Mis.: *Hebeloma sinapizans* sensu Lange

Mis.: *Hebeloma sinuosum* sensu NCL

D+I: [additional] FNE3: 106-107

Name change (Vesterholt, FNE3). In printed Checklist as *H. senescens*. **[UD2]**

Hebeloma mesophaeum var. crassipes Vesterh.

Name change to *H. sordidum* (q.v.). **[UD2]**

Hebeloma pallidoluctuosum Gröger & Zschiesch.

Now considered a synonym of *H. sacchariolens* (q.v.). **[UD2]**

Hebeloma populinum Romagn.

Move to 'excluded'. Not authentically British. **[UD2]**

Hebeloma sacchariolens Quél.

Hebeloma latifolium Gröger & Zschiesch. [*nom. illegit.*]

Hebeloma pallidoluctuosum Gröger & Zschiesch.

D: NM2: 320 **D+I:** B&K5: 116 114 (as *H. pallidoluctuosum*) B&K5: 120 120, FNE3: 120-121 **I:** SV29: 20, Ph: 147

Add *H. pallidoluctuosum* (considered a separate taxon in printed Checklist) to synonymy, following Vesterholt (FNE3). **[UD2]**

Hebeloma senescens Sacc.

Name change to *H. laterinum* (q.v.). **[UD2]**

Hebeloma sordidum Maire, *Bull. Soc. Mycol.*

France 30: 212 (1914)

Hebeloma mesophaeum var. *crassipes* Vesterh.

Mis.: *Hebeloma fastibile* sensu NCL & sensu Lange

Mis.: *Agaricus fastibilis* sensu Cooke

D+I: [additional] FNE3: 38-39

Name change. In printed Checklist as *H. mesophaeum* var. *crassipes*, but now accepted (Vesterholt, FNE3) as a distinct species based on molecular data. **[UD2]**

HEMIPHOLIOTA (Singer) Bon, *Doc.*

Mycol. 17(65): 52 (1986)

Type: *Hemipholiota populnea* (Pers.) Bon

Treated as a synonym of *Pholiota* in the printed Checklist, but now accepted as a separate genus. The following entries are name changes for taxa previously listed in the genus *Pholiota*. **[UD5]**

heteroclita (Fr.) Bon, *Doc. Mycol.* 17(65): 52 (1986)

Name changed from *Pholiota heteroclita*. **[UD5]**

populnea (Pers.) Bon, *Doc. Mycol.* 17(65): 52 (1986)

Name changed from *Pholiota populnea*. **[UD5]**

HEMISTROPHARIA Jacobsson & E.

Larss., *Mycotaxon* 102: 238 (2007)

Type: *Hemistropharia albocrenulata* (Peck) Jacobsson & E. Larss.

Treated as a synonym of *Pholiota* in the printed Checklist, but now accepted as a separate genus. **[UD5]**

albocrenulata (Peck) Jacobsson & E. Larss.,

Mycotaxon 102: 238 (2007)

Name changed from *Pholiota albocrenulata*. **[UD5]**

Hericium abietis (Weir ex Hubert) K.A. Harrison,

Can. J. Bot. 32: 1208 (1964)

Hydnum abietis Weir ex Hubert, *Outline of forest pathology*: 305 (1931)

E: !

H: English collection on worked wood of *Pseudotsuga menziesii* bordering a car park.

D: FM 4(3): 101 (2003) **D+I:** FM 4(2): 66 (2003), FM 14(4): 139 (2013)

New record. A collection (2003) at K from West Kent (Sevenoaks) determined by N. Hallenberg. Sequenced and verified by Hallenberg et al. [*Mycol. Progr.* 12(2): 413-420 (2013)]. Probably on imported timber. The only European record of a N. American species. **[UD6]**

HOHENBUEHELIA Schulzer

The following changes are based on the treatment of British species in Henrici [FM 10(4): 130-139 (2009)].

cyphelliformis (Berk.) O.K. Mill.

Agaricus silvanus Sacc., *Michelia* 1: 1 (1877)

Pleurotus silvanus (Sacc.) Sacc., *Syll. fung.* 5: 379 (1887)

Resupinatus silvanus (Sacc.) Singer, *Lilloa* 22: 253 (1951)

Hohenbuehelia silvana (Sacc.) O.K. Mill., in Borghi (ed.), *La Famiglia delle Tricholomataceae*: 131 (1986)

H. silvana is a true synonym not a misapplication hence the above names to be removed from the 'excluded' list and added to synonymy of *H. cyphelliformis*. This excludes *H. silvana* sensu BFF6 which comprises several elements. Further details in Thorn [*Mycotaxon* 25(1): 27-66 (1986)]. Delete Mis.: *Hohenbuehelia silvana* sensu Flora Agaricina Neerlandica 3: 163 (1995). [UD5]

leightonii (Berk.) Watling

Move to list of alien taxa. [UD5]

longipes (Boud.) M.M. Moser

Move to 'excluded' list. [UD5]

pinacearum Thorn, *Mycotaxon* 25(1): 38 (1986)

Mis.: *Acanthocystis silvanus* sensu Konrad & Maublanc (1929)

Mis.: *Hohenbuehelia unguicularis* sensu BFF6 & CBIB2005

S: !

H: On bark and dead wood of conifers.

D: BFF6: 48 (as *H. unguicularis*), FN: 319 **D+I:**

FAN3: 163-164 **I:** K&M4 pl. 309.2 (as *A. silvanus*)

Formerly not distinguished from the similar *H. unguicularis* on hardwoods. Known in Britain from two 19th century Scottish records: Angus (Glamis) on *Abies* and Perthshire on fallen *Pinus* twigs and a more recent Scottish collection (currently accessed as *H. cyphelliformis*) at E (2001) on fallen *Abies* from Peeblesshire (Dawyck Botanic Garden). [UD5]

reniformis (G. Mey.) Singer

Move to 'excluded' list. [UD5]

tremula (Schaeff.) Thorn & G.L. Barron

Crepidopus epigaeus β *tremulus* (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 617 (1821)

Add *Crepidopus epigaeus* β *tremulus* to synonymy. [UD4]

unguicularis (Fr.) O.K. Mill.

Mis.: *Acanthocystis leightonii* sensu Konrad & Maublanc (1929)

E: ! **W:** !

H: On bark and dead wood of hardwoods.

D: FN: 318 **I:** FIDan1: 66C (as *Pleurotus unguicularis*), Lud1: 32.10 [taken from K&M4 pl. 309.3 (as *Acanthocystis leightonii*) **D+I:** FAN3: 162-163

Poorly known in Britain. Two recent collections at K assigned here from Caernarvonshire on *Quercus* and Durham on indet. hardwood. [UD5]

Hydnellum auratile (Britzelm.) Maas Geest.

Move to 'excluded'. [UD1]

Hydnellum cumulatum K.A. Harrison, *Canad. J. Bot.* 42: 1225 (1964)

S: !

H: Associated with *Pinus sylvestris* in Caledonian pinewood.

D+I: Maas Geesteranus (1975): 44-46 96 & pl. 20 Move from 'excluded' list. Three collections (2001, 2002 & 2007) at K from Easternness (Abernethy Forest) determined or redetermined as this based on comparative morphological and sequencing evidence in Ainsworth *et al.* [*Fung. Ecol.* 3: 65-80 (2010)]. Further recent collections (2007 & 2009) at K from Easternness (Abernethy Forest & Rothiemurchus Estate). [UD5]

Hydnellum gracilipes (P. Karst.) P. Karst.,

Meddeland. Soc. Fauna Fl. Fenn. 5: 41 (1879)

S: !

H: Associated with *Pinus sylvestris* in Caledonian pinewood.

D+I: Maas Geesteranus (1975): 48-49 51 97 & pl. 22

A collection (2001) at K from Easternness (Abernethy Forest) identified based on comparative morphological and sequencing evidence in Ainsworth *et al.* [*Fung. Ecol.* 3: 65-80 (2010)]. [UD5]

HYDNOMERULIUS Jarosch & Besl, *Plant Biol.* 3(4): 447 (2001)

Boletales, incertae sedis

Type: *Hydnomerulius pinastri* (Fr.) Jarosch & Besl

pinastri (Fr.) Jarosch & Besl, *Plant Biol.* 3(4): 448 (2001)

Leucogyrophana pinastri (Fr.) Ginns & Weresub

Merulius sclerotiorum Falck, in A. Möller,

Hausschwammforsch. 1: 93 (1907)

Hydnum sordidum Weinm., *Hymen. Gasteromyc.:* 370 (1836)

A new combination for *Leucogyrophana pinastri*.

Note also amendments to the literature references for two of the synonyms, as given above. [UD4]

Hydnum elliposporum Ostrow & Beenken, *Z.*

Mykol. 70(2): 139 (2004)

S: !

H: On soil.

D+I: *Karstenia* 46: 17-24 (2006)

New record. A recent collection (2008) at E from Kindrogan. The species resembles *H. rufescens*, but the spores are clearly ellipsoid, rather than subglobose to obovoid. [UD4]

Hydnum umbilicatum Peck, *Ann. Rep. Reg. N.Y.*

St. Mus. 54: 953 (1902) [1901]

Mis.: *Hydnum rufescens* sensu auct. Brit. p.p.

E: o **S:** ! **W:** ! **NI:** !

H: On soil in woodland.

D+I: FM 12(4): 118-121 (2011)

New record. Collections (2011 onwards) at K supplemented by redeterminations by G.G. Kibby & A.D. Burnham of historical K collections filed as *H. rufescens*. Widespread in England but few records from elsewhere and likely to have been historically recorded as *H. rufescens*. [UD6]

Hygrocybe acutoconica (Clem.) Singer, *Lilloa* 22: 153 (1951) [1949]

Name changed from *H. persistens* which should be added to synonymy. Amend FNE1 and FungEur6 references in **D+I:** to: FNE1.2: 162-164 (as *H. acutoconica* var. *acutoconica*), FungEur6: 425-430 p.735 & 736. Add **D:** FN: 196. [UD5]

Hygrocybe acutoconica var. konradii (R. Haller Aar.) Boertm., *Fungi of Northern Europe 2nd revised edition* 1: 164 (2010)

Name changed from *H. persistens* var. *konradii* which should be added to synonymy. Amend FNE1 reference in **D+I**: to: FNE1.2: 164-167. Add **D**: FN: 196. [**UD5**]

Hygrocybe fornicata var. lepidopus (Rea) Boertm. & N. Barden, *Field Mycol.* 8(3): 87 (2007)
Hygrophorus lepidopus Rea
Hygrocybe lepidopus (Rea) P.D. Orton & Watling

E: ! **S**: ! **W**: !

H: On soil, in grassland.

D+I: FM8(3): 84-88

Name change. A new combination for *Hygrophorus lepidopus*, listed in the printed Checklist as a synonym of *Hygrocybe fornicata*. The taxon was originally described from England (Herefordshire), subsequently reported from Scotland and Wales, and recently redescribed from Derbyshire. [**UD2**]

Hygrocybe irrigata (Pers.) Bon
Name changed to *Gliophorus irrigatus*. [**UD6**]

Hygrocybe laeta (Pers.) P. Kumm.
Name changed to *Gliophorus laetus*. [**UD6**]

Hygrocybe laeta var. flava Boertm., *Fungi of Northern Europe* 1: 86 (1995)

E: ! **S**: ! **W**: ! **NI**: !

H: In unimproved pasture and grassland.

D+I: FNE1: 86-87

Omitted from printed Checklist. This yellow variety is considered a separate taxon by Boertmann (FNE1). There is recent material (2005) at K from Wales (Monmouthshire) and var. *flava* has also been reported from England (Surrey, Yorkshire), Scotland, and Northern Ireland (Down). [**UD3**]

Hygrocybe persistens (Britzelm.) Singer
Name changed to *H. acutoconica* (see above). [**UD5**]

Hygrocybe persistens var. konradii (R. Haller Aar.) Boertm.
Name changed to *H. acutoconica* var. *konradii* (see above). [**UD5**]

Hygrocybe psittacina (Schaeff.) P. Kumm.
Name changed to *Gliophorus psittacinus*.

HYPHODERMA Wallr.

A recent molecular investigation of the genus [Larsson, *Mycol. Res.* 111: 186 - 195 (2007)] confirmed that *Hyphoderma sensu lato* is polyphyletic. As a first step towards a more natural classification, *H. puberum* and its allies (all of them nematode-trapping species with clavate basidia) are transferred to *Peniophorella* (q.v.). [**UD3**]

mutatum (Peck) Donk

E: !

H: English collections from decaying wood of *Fraxinus* and *Ilex*.

D+I: CNE3: 489-491, FungEur12: 349-350 & 843

Move from 'excluded' list. Two recent collections (2008) at K from South Hampshire (New Forest, Royden and Eyeworth Woods). [**UD5**]

nemorale K.H. Larss., *Nordic J Bot.* 18(1): 123 (1998)

E: ! **S**: !

H: On dead wood and usually on small twigs.

D+I:

New record. A collection (1983) from Perthshire, originally determined as *H. roseocreumum*, was redetermined as this (paratype) and verified by interfertility testing by Larsson [*Nordic J Bot.* 18(1): 121-127 (1998)]. Two collections (2014) are at K from Surrey (Great Hurst Wood and Kew Gardens). [**UD6**]

obtusiforme J. Erikss. & Å. Strid

S: !

H: Scottish collection from fallen branch of *Pinus sylvestris*.

D: CNE3: 492-495, FungEur12: 352

Move from 'excluded' list. A recent collection (2010) at K from South Aberdeenshire (Inverey). [**UD5**]

obtusum J. Erikss.

E: !

H: On conifer wood.

D: CNE3: 496-497

Move from 'excluded'. Material at E from Yorkshire (Hebden Bridge). [**UD1**]

orphanellum (Bourdot & Galzin) Donk

E: !

H: British collection on *Picea* sp.

D+I: CNE3: 499-500

Move from 'excluded'. There is recent material (2007) at K from Oxfordshire. Previously reported from Yorkshire and Suffolk but unsubstantiated with voucher material. [**UD2**]

HYPHODONTIA J. Erikss. [*nom. cons.*]

Remove the genus *Fibrodontia* (q.v.) from synonymy. For species name change see under *Fibrodontia*. [**UD5**]

abieticola (Bourdot & Galzin) J. Erikss.

S: !

H: Scottish collection from fallen branch of *Pinus sylvestris*.

D: CNE4: 590-593, FungEur12: 389-390 (as *Kneiffiella abieticola*)

Move from 'excluded' list. A recent collection (2010) at K from East Perthshire (Stormont Loch). Delete "Not authentically British" from notes. [**UD5**]

hastata (Litsch.) J. Erikss.

Grandinia hastata (Litsch.) Jülich, *Int. J. Mycol. Lichenol.* 1: 36 (1982)

E: ! **W**: ?

D: CNE4: 647-649

H: English collection on an old basidiome on fallen branch. An older Welsh report (on *Clematis vitalba*) is unsubstantiated with voucher material.

Move from 'excluded'. Recent material (2005) at K from Surrey. [**UD1**]

incrustedata Kotir. & Saaren., *Ann. bot. fenn.* 43(4): 304 (2006)

Mis.: *Hyphodontia sambuci* sensu auct. Brit. p.p.

E: ! **W**: !

H: British collections on stems of dead waterside plants (*Phragmites* and *Typha*).

D+I:

New record. A collection (2013) at K from Berkshire (Swinley Forest) supplemented by redeterminations of historical K collections from Pembrokeshire (Holyland Wood) and South-west Yorkshire (Potteric Carr) filed as *H. sambuci*. Likely to have been historically overlooked or recorded as *H. sambuci*, a species complex in need of further resolution. [**UD6**]

HYPOCHNICIUM J. Erikss.

Add *Nodotia* Hjortstam, *Mycotaxon* 28: 33 (1987) to synonymy following a morphological and molecular re-evaluation by Telleria *et al.* [*Mycologia* 102: 1426-1436 (2010)]. [UD5]

eichleri

Move to 'excluded' (q.v.). [UD1]

lyndoniae (D.A. Reid) Hjortstam, *Mycotaxon* 54: 187 (1995)

Odontia lyndoniae D.A. Reid, *Kew Bull.* 10: 641 (1956) [1955]

Nodotia lyndoniae (D.A. Reid) Hjortstam & Ryvarden, *Syn. Fungorum* 18: 18 (2004)

H: Add *Acer*, *Pinus* and *Salix* to list of substrata.

D+I: Add Myc 20(3): 97-98 (2006) **I:** Add FM 9(2): 70 (2008)

Recent material at K from East Cornwall, South Somerset and West Sussex and also reported from South Hampshire. [UD5]

polonense (Bres.) Å. Strid

Name changed to *Gyrophanopsis polonensis* (q.v.). [UD5]

Hypochnicium vellereum (Ellis & Cragin)

Parmasto

Name changed to *Granulobasidium vellereum* (q.v.). [UD3]

Hypholoma lateritium (Schaeff.) P. Kumm.

Pratella lateritia (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 627 (1821)

Add *Pratella lateritia* to synonymy. [UD4]

Inocybe aurea Huijsman, *Fungus, Wageningen* 25: 22 (1955)

S: !

H: Scottish collections on soil, with *Salix herbacea*.

D: FN: 877 **D+I:** Stangl 250-252 & 28.3

A recent (2010) collection at K from Banffshire (Cairn Gorm) and two collections (1981 & 1987) at E from Mid-Perthshire (Beinn Ghlas). [UD5]

Inocybe bongardii var. pisciodora (Donadini & Rioussset) Kuyper, *Inocybe, Persoonia*, Suppl. 3: 41 (1986)

Inocybe pisciodora Donadini & Rioussset, *Doc. mycol.* 5(20): 5 (1975)

E: !

H: English collection on calcareous soil, with *Fagus sylvatica*.

D: FN: 872 **D+I:** B&K5: 46 7, Stangl 52 54-55 & 3.2 Move from 'excluded' list. A single (2005) collection at K from Buckinghamshire (Mousells Wood) and an unsubstantiated record from North Somerset in 1997. [UD5]

Inocybe bresadolae Masee

Mis.: *Asterosporina trinii* sensu Rea (1922)

E: !

H: British collection on soil with mixed trees.

D+I: B&K5: 88 70; FM 10(1): 9-10 (2009)

Move from 'excluded'. Recent record (2008) from Nottinghamshire (Clumber Park). Kuyper (1986) also considered the description of *Asterosporina trinii* in Rea (1922) fitted this species, though no British material has been traced under this name. [UD4]

Inocybe brunneotomentosa Huijsman, *Persoonia* 9(4): 473 (1978)

E: !

H: English collection on soil, with *Populus*, *Betula* and *Carpinus*.

D: Kuyper: 127-128, FN: 901 **D+I:** Stangl 98 & 100-101 12.5

New record. A recent English collection (2010) at K from Middlesex (Fulham Cemetery). [UD5]

Inocybe cincinnata (Fr.) Quél.

Move *I. obscuroides* from synonymy of *I. cincinnata* to that of *I. cincinnata* var. *major*. [UD5]

Inocybe cincinnata var. major (S. Petersen)

Kuyper

Add *I. obscuroides* to synonymy (see above). [UD5]

Inocybe cookei var. kuthanii (Stangl & J.

Veselský) Kuyper, *Persoonia*, Suppl. 3: 51 (1986)

Inocybe kuthanii Stangl & J. Veselský, *Česká Mykol.* 33(3): 134 (1979)

E: !

H: On soil in broadleaved woodland.

D+I: Stangl 64-66 7.1

New record. Two recent collections (2005-10) at K from Mid-west (Strid Wood) & North-west (Brigflatts) (as *I. kuthanii*) Yorkshire. Recent records from the Isle of Wight & Shropshire.

Currently recognised as a variety following Stangl's acceptance of Kuyper's treatment, but could well be a good species. [UD5]

Inocybe corydalina var. erinaceomorpha

(Stangl & J. Veselský) Kuyper

Move to *I. erinaceomorpha* (see below). [UD4]

Inocybe egenula J. Favre

S: !

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

D+I:

Move from 'excluded' list. A collection (2014) at K from West Sutherland (Tralligill). [UD6]

Inocybe erinaceomorpha Stangl & J. Veselský

Inocybe corydalina var. *erinaceomorpha* (Stangl & J. Veselský) Kuyper

Agaricus erinaceus Pers. [*nom. illegit.*, non *A. erinaceus* Fr.]

Inocybe pyriodora var. *scabra* Kühner [*nom. inval.*]

Mis.: *Inocybe scabra* sensu Lange (FIDan3: 71)

H: On calcareous soil in woodland, with *Fagus*.

Previously listed as a variety of *I. corydalina*, but now considered a good species [see Cullington & Outen, FM 10(1): 11-14 (2009)] with British records from Buckinghamshire, Hertfordshire, Kent, and North Somerset. [UD4]

Inocybe fraudans (Britzelm.) Sacc.

Remove *I. incarnata* (q.v.) and *I. pyriodora* subsp. *incarnata* from synonymy and include former as separate species. [UD5]

Inocybe griseovelata Kühner

E: !

H: English collection on soil near *Tilia*.

D+I: FM 14(1): 18-19 (2013)

Move from 'excluded' list. A collection (2012) at K from West Gloucestershire (Bristol, Netham Park) was sequenced and determined by E. Larsson. [UD6]

Inocybe incarnata Bres., *Fungi trident.* 1: 49 (1884)

Inocybe pyriodora subsp. *incarnata* (Bres.)

Konrad & Maubl., *Icon. select. fung.* 1: pl. 94 (1927)

E: !

H: British collections on soil in broadleaved woodland.

D+I: FN: 896, Ph: 151 [as *I. pyriodora* (=Ph2: 220 as *I. fraudans*)] **I:** FIDan3: 110C (as *I. incarnata*)
Bon: 237 (as *I. fraudans* var. *incarnata*)

Several historic (1950-1980) collections at K from Hertfordshire, Kent, Mid-west Yorkshire, Surrey (as *I. pyriodora* var. *incarnata*) & Oxfordshire (as *I. pyriodora* f. *incarnata*). Recent records from Buckinghamshire, Shropshire & West Kent. Move from synonymy of *I. fraudans* and include as a separate species. **[UD5]**

Inocybe inodora

I. albidodisca Kühner, *Bull. Soc. Naturalistes Oyonnax* 9 (Suppl.): 3 (1955)

Move *I. albidodisca* from 'excluded' list to synonymy of *I. inodora*. **[UD5]**

Inocybe lacera var. **regularis** Kuyper, *Persoonia*, Suppl. 3: 105 (1986)

E: !

H: English collections on sandy soil, with *Betula* and *Salix*.

D: FN: 877

New record. Recent English collections (2009 & 2010) at K from Buckinghamshire (Stoke Common). **[UD5]**

Inocybe lanuginosa (Bull.) P. Kumm.

Move to 'excluded' list. Sensu CBIB2005 this is *I. stellatospora* (q.v.), whereas sensu NCL and FN it is *I. ovatocystis* (q.v.). **[UD5]**

Inocybe lanuginosa var. **ovatocystis** (Boursier & Kühner) Stangl

Move to synonymy of *I. ovatocystis* (q.v.). **[UD5]**

Inocybe mycenoides Kuyper, *Persoonia*, Suppl. 3: 210 (1986)

E: ! **W:** !

H: English collection on calcareous soil with *Helianthemum*.

New record. A recent English collection (2008) at K from Oxfordshire (Watlington Hill) and an unsubstantiated record from Caernarvonshire (Llandudno). **[UD5]**

Inocybe mytiliodora Stangl & Vauras, *Karstenia* 27(1): 16 (1988) [1987]

S: !

H: Scottish collection on calcareous soil with *Betula*.

D: FN: 895 **D+I:** FM 12(3): 77-80 (2011)

New record. A recent (2010) collection at K from Mid Perthshire (Lochan an Daim). **[UD5]**

Inocybe nitidiuscula f. **ampullacea** Kühner, *Doc. Mycol.* 74: 22 (1988)

Inocybe friesii var. *ampullacea* (Kühner) Bon [comb. inval.], *Doc. Mycol.* 108: 34 (1997)

E: !

H: On calcareous soil, associated with *Helianthemum nummularium*.

New record. The form was originally described as occurring with *Dryas* and *Helianthemum* spp and there is a recent (2004) collection at K with *H. nummularium* from Derbyshire. **[UD2]**

Inocybe obsoleta Romagn., *Bull. Soc. Mycol. France* 74: 145 (1958)

Inocybe rimosa var. *obsoleta* (Romagn.) Quadr. & Lunghini, *Quaderni di Accademia Nazionale dei Lincei* 264: 109 (1990)

E: ! **S:** !

H: British collections on soil in woodland.

D: FN: 876 **D+I:** B&K5: 74 51 (as *Inocybe rimosa* var. *obsoleta*)

A single historic (1985) English collection from West Lancashire (Gait Barrows) at K and one (1983) from Yorkshire (Bramham Park) at E. A recent (2007) Scottish collection from Selkirkshire (Bowhill) at E. Recent (2003-2007) unsubstantiated records from Co. Armagh, East Norfolk, East Perthshire & West Norfolk. Move from synonymy of *I. rimosa* and include as a separate species. **[UD5]**

Inocybe olida Maire, *Fungi Catalaunici:*

Contributions à l'étude de la Flore Mycologique de la Catalogne: 100 (1933)

E: !

H: English collection on soil.

New record. A recent English collection (2010) at K from Surrey (Kew Gardens). **[UD5]**

Inocybe ovatocystis Boursier & Kühner, *Bull. Soc. Mycol. France* 44: 181 (1928)

Mis.: *Inocybe lanuginosa* sensu NCL & FN

Mis.: *Astrosporina sabuletorum* sensu Rea (1922)

E: ! **S:** !

H: English and Scottish collections on woodland or heathland soil.

D+I: B&K5: 94 80 (as *I. lanuginosa* var. *ovatocystis*)
Collections (1946-2008) at K from Caithness, North-east Yorkshire, North Ebudes, South Somerset, Surrey, Wester Ross and West Sussex. A collection (2000) at E from Peeblesshire (Dawyck Botanic Garden).

Move from synonymy of *I. lanuginosa* var. *ovatocystis* and include as a separate species. **[UD5]**

Inocybe phaeodisca var. **diosma** Reumaux, *Doc. Mycol.* 14(54-55): 28 (1984)

E: !

H: English collection on soil with *Carpinus betulus*.

New record. A recent (2008) collection at K from Essex (Epping Forest). **[UD5]**

Inocybe phaeodisca var. **geophylloides** Kühner

E: !

H: On soil with deciduous trees.

D: Kuyper 124 **D+I:** B&K5 70 44

Move from 'excluded'. Recent material (1992-2008) at K from Cumberland, South Devon, South Essex and Westmorland. **[UD4]**

Inocybe phaeoleuca Kühner, *Bull. Soc.*

Naturalistes Oyonnax 9 (Suppl.): 5 (1955)

Mis.: *Inocybe brunnea* sensu NCL p.p.

D: FN: 895 (as *I. splendens* var. *phaeoleuca*), Kuyper: 217-218 (as *I. splendens* var. *phaeoleuca*) **D+I:** B&K5: 78 56 (as *I. splendens* var. *phaeoleuca*) **I:** Delete both instances of "(as *Inocybe phaeoleuca*)". Move from synonymy of *I. splendens* var. *phaeoleuca* and include as a separate species. **[UD5]**

Inocybe pseudoasterospora Kühner & Boursier

Move to 'excluded' list. The type var. is not British and was included in CBIB2005 in error. The associated entry should be headed by *I. pseudoasterospora* var. *microsperma* (see below). **[UD5]**

Inocybe pseudoasterospora var. **microsperma**

Kuyper & Keizer, *Persoonia* 14(4): 441 (1992)

Move to head of *I. pseudoasterospora* entry (see above). **[UD5]**

Inocybe pseudohiulca Kühner & Boursier

Move to 'excluded' list. [UD5]

Inocybe relicina (Fr.) Quéf.

S: !

H: Scottish collection on woodland soil with *Pinus sylvestris*.

D: FN: 877

Move from 'excluded' list. Replace notes with: "A single collection (2008) at K from South Aberdeenshire (Inverey). Sensu Rea (1922), however, is probably *I. cervicolor*." [UD5]

Inocybe rimosa (Bull.) P. Kumm.

Remove *I. obsoleta* (q.v.) & *I. rimosa* var. *obsoleta* from synonymy and include the former as a separate species. Remove *I. umbrinella* (q.v.) from synonymy and include as a separate species.

[UD5]

Inocybe splendens var. **phaeoleuca** (Kühner)

Kuyper

Move to synonymy of *I. phaeoleuca* (q.v.). [UD5]

Inocybe stellatospora (Peck) Masee, *Ann. Bot.* 18: 469 (1904)

Inocybe longicystis G.F. Atk., *Amer. J. Bot.* 5: 213 (1918)

Inocybe lanuginosa var. *longicystis* (G.F. Atk.) Stangl & Enderle, *Z. Mykol.* 49(1): 120 (1983)

Add **D:** FN: 878

Earlier name for *I. lanuginosa* sensu CBIB2005 whose entry details in the printed Checklist should now follow the above synonymy. Move *I. lanuginosa* and its remaining synonyms to 'excluded' list (q.v.). [UD5]

Inocybe umbrinella Bres., *Ann. Mycol.* 3: 161 (1905)

E: !

H: English collections on soil in *Fagus* and *Quercus* woodland and with *Helianthemum* on chalk downland.

Two recent (2008) English collections from Buckinghamshire determined as this and supported by sequencing evidence in Larsson *et al.* [*Persoonia* 23: 86-98 (2009)]. Move from synonymy of *I. rimosa* and include as a separate species. [UD5]

INONOTUS P. Karst.

Molecular phylogenetic studies have indicated that the traditional distinction between *Inonotus* sensu lato and *Phellinus* sensu lato should be replaced by a series of smaller more homogeneous genera. *Inonotus* species with entries in the printed Checklist now moved into *Mensularia* (q.v.), *Onnia* (q.v.) (one excluded species) and *Pseudoinonotus* (q.v.) or retained in *Inonotus* sensu stricto. [UD5]

Irpex lacteus (Fr.) Fr.

E: !

H: English collections on burnt *Ulex* stems.

D+I:

Move from 'excluded' list. Collections (2012 onwards) at K from South Hampshire (New Forest, various sites). [UD6]

Ischnoderma resinosum (Schrad.) P. Karst.,

Meddeland. Soc. Fauna Fl. Fenn. 5: 38 (1880)

Boletus resinosus Schrad., *Spicil. Fl. Germ.*: 171 (1794)

Polyporus resinosus (Schrad.) Fr., *Syst. mycol.* 1: 361 (1821)

Amend basionym from *Polyporus resinosus* to *Boletus resinosus* (as above), with changes to the

subsequent combinations. Note also that none of the names is illegitimate, as suggested in printed Checklist. [UD2]

Laccaria amethystina Cooke

Agaricus lividopurpureus With., *Bot. Arr. Brit. pl.* ed. 2, 3: 366 (1792)

Add *Agaricus lividopurpureus*, a name based on *A. amethystina* sensu Bolton (1788: 63), to synonymy. Unless *L. amethystina* is conserved against it, Withering's name is the earliest valid name for this species. [UD4]

Laccaria laccata (Scop.) Cooke

Omphalia amethystea β *incana* (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 615 (1821)

Add *Omphalia amethystea* β *incana* to synonymy. Sensu Gray, this pale form probably refers to *L. amethystina*. [UD4]

Lacrymaria lacrymabunda (Bull.) Pat.

Coprinus velutinus (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 633 (1821)

Add *Coprinus velutinus* to synonymy. [UD4]

Lactarius badiosanguineus Kühner & Romagn.

E: !

H: English collection on soil in turf under *Cedrus*.

D+I:

Move from 'excluded' list. A collection (2012) at K from Cumberland (Higham Hall). [UD6]

Lactarius flavopalustris Kytöv., *Karstenia* 49(1): 20 (2009)

E: !

H: English collections on calcareous soil with *Helianthemum nummularium*.

D: FN: 86 **D+I:** FNE2: 94 (as *L. flavidus* sensu Korhonen p.p.)

New record. Two recent collections (2010) at K from Mid-west Yorkshire (Bastow Wood) and an earlier (1987) collection at K (as *L. aspideus*) from the same site. [UD5]

Lactarius sanguifluus (Paulet) Fr.

E: !

H: English collection on grassy soil under *Pinus*.

D+I: FM 14(4): 128-130 (2013)

Move from 'excluded' list. A collection (2011) at K from North Hampshire (Winchester). [UD6]

Laetiporus sulphureus (Bull.) Murrill

Note change to author citation and delete synonyms *Calvatia versispora* and *Sporotrichum versisporum* which are now recognised as anamorphic *L. versisporus* (not British) following morphological and phylogenetic analysis and incompatibility testing [see Ota *et al.* *Myc. Res.* 113: 1283-1300 (2009)]. European *L. sulphureus* is a species complex requiring further taxonomic resolution. [UD5]

LECCINUM Gray

The following changes are based on the combined molecular and morphological studies in den Bakker & Noordeloos [*Persoonia* 18(4): 511-587 (2005)] and the treatment in Kibby [FM 7(4): 113-122 (2006)]. [UD5]

aerugineum (Fr.) Lannoy & Estadès, *Doc. Mycol.* 21(81): 23 (1991)

Boletus chioneus var. *aerugineus* Fr., *Observ. mycol.* (Leipzig) 2: 250 (1818)

Both of these names were included in the index to the printed Checklist but the corresponding entry was omitted in error. Move to 'excluded' list. [UD5]

alboostipitatum den Bakker & Noordel., *Persoonia* 18(4): 536 (2005)

Mis.: *Leccinum aurantiacum* sensu auct. brit.

E: ! S: !

H: On soil with *Populus*.

D: FN: 170 **D+I:** FM 7(4): 119 & back cover (2006)

Current name for the poplar-associated, relatively persistently pale-stiped species previously assigned to *L. aurantiacum* (see below) in Britain. Probably rare and predominantly northern in Britain but historic collections assigned to *L. aurantiacum* require re-investigation to distinguish which represent *L. alboostipitatum* and which should remain as named. [UD5]

atrostipitatum A.H. Sm., Thiers & Watling

Move to synonymy of *L. versipelle*. Den Bakker & Noordeloos [*Persoonia* 18(4): 511-587 (2005)]

acknowledged some consistent sequence

differences between European and North American

collections but interpreted these as of infraspecific

significance pending studies of further authentic

American samples. [UD5]

aurantiacum (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 646 (1821)

Boletus aurantiacus Bull., *Herb. France*: pl. 236 489II (1781)

Boletus scaber var. *aurantiacus* (Bull.) Opat.,

Comm. fam. bolet.: 34 (1836)

Krombholziella aurantiaca (Bull.) Maire, *Publ. Inst.*

Bot. Barcelona 3(4): 46 (1937)

Leccinum aurantiacum var. *quercinum* Pilát,

Mushrooms and other Fungi: t. 6 (1961)

Boletus rufus Schaeff. [non *B. rufus* Schrad.

(1792)], *Fung. Bavar. Palat. nasc.* 2: 103 (1763)

Leccinum quercinum (Pilát) E.E. Green & Watling

Notes Roy. Bot. Gard. Edinburgh 25: 265 (1969)

Krombholziella quercina (Pilát) Šutara, *Česká*

Mykol. 36(2): 82 (1982)

Leccinum salicola Watling, *Notes Roy. Bot. Gard.*

Edinburgh 31: 139 (1971)

Krombholziella salicola (Watling) Šutara, *Česká*

Mykol. 36(2): 82 (1982)

Leccinum populinum M. Korhonen, *Karstenia*

35(2): 55 (1995)

E: o S: o W: o NI: o

H: On soil in mixed deciduous woodland, heathland

or dunes and associated with *Betula*, *Fagus*,

Populus (including *P. tremula*), *Quercus*, *Salix* and

Tilia.

D: FN: 170-171 **D+I:** Ph: 209-211 (as *L.*

aurantiacum & *L. quercinum*), B&K3: 72 36 (as

Leccinum rufum) or 72 35 (as *L. quercinum*), FM

7(4): 119 & back cover (2006) **I:** Bon: 41 (as

Krombholziella aurantiaca), FM 1(1): front cover (as

L. quercinum)

Occasional but widespread. May be locally common and abundant, especially in southern regions. Current name for orange/brown-capped collections with initially brown stipe squamules and found with a broad range of broadleaved tree partners. The synonymy now includes the oak-associated species previously known in Britain as *L. quercinum* (note amended authors and reference for this in the synonymy above) and the *Salix repens* associate *L. salicola*. However, the name can no longer be used for the pale-stiped taxon associated with poplars

which is now known as *L. alboostipitatum* (q.v.).

[UD5]

holopus (Rostk.) Watling

Mis.: *Leccinum aeruginum* sensu auct. brit.

Add *L. olivaceosum* to synonymy (currently a

synonym of *L. scabrum*) although requiring

molecular confirmation *vide* den Bakker &

Noordeloos [*Persoonia* 18(4): 511-587 (2005)].

[UD5]

melaneum (Smotl.) Pilát & Dermek, *Hribovitě Huby*: 145 (1974)

Boletus scaber var. *melaneus* Smotl., *Mykol.*

Sborn. 28: 69 (1951)

Leccinum scabrum var. *melaneum* (Smotl.)

Dermek, *Fungorum Rar. Icon. Color.* 16: 17

(1987)

Krombholziella melanea (Smotl.) Šutara, *Česká*

Mykol. 36(2): 81 (1982)

E: ! S: ! W: ! NI: !

H: On soil in deciduous woodlands but strictly

associated with *Betula* spp.

D: FN: 172, FM 7(4): 120 **D+I:** FRIC16: 17 127a (as

L. scabrum var. *melaneum*), L&E: 66 5 (as *L.*

scabrum var. *melaneum*) **I:** FM 1(1): back cover

Although not easily distinguished on morphological

data alone, this very dark-capped taxon is

nevertheless molecularly distinct. It is likely to be

uncommon in Britain although its true distribution

requires clarification. Remove from synonymy of *L.*

scabrum. [UD5]

palustre M. Korhonen

Move to synonymy of *L. schistophilum* (q.v.). [UD5]

pulchrum Lannoy & Estadès

Remove from synonymy of *L. roseofractum* and

move to 'excluded' list. [UD5]

quercinum (Pilát) E.E. Green & Watling, *Notes Roy.*

Bot. Gard. Edinburgh 25: 265 (1969)

Leccinum aurantiacum var. *quercinum* Pilát,

Mushrooms and other Fungi: t. 6 (1961)

Krombholziella quercina (Pilát) Šutara, *Česká*

Mykol. 36(2): 82 (1982)

Amend combining authors and reference and move

all to synonymy of *L. aurantiacum* (q.v.). [UD5]

rigidipes P.D. Orton

Move to synonymy of *L. scabrum*. [UD5]

roseofractum Watling

Move to synonymy of *L. scabrum*. [UD5]

roseotinctum Watling

Krombholziella roseotincta (Watling) Šutara,

Česká Mykol. 36(2): 82 (1982)

Move to synonymy of *L. versipelle*. [UD5]

salicola Watling

Krombholziella salicola (Watling) Šutara, *Česká*

Mykol. 36(2): 82 (1982)

Move to synonymy of *L. aurantiacum*. [UD5]

scabrum (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 646 (1821)

Boletus scaber Bull., *Herb. France* pl. 132 (1783)

Krombholziella scabra (Bull.) Maire, *Publ. Inst.*

Bot. Barcelona 3(4): 46 (1937)

Leccinum roseofractum Watling, *Notes Roy. Bot.*

Gard. Edinburgh 28(3): 313 (1968)

Krombholziella roseofracta (Watling) Šutara,

Česká Mykol. 36(2): 82 (1982)

Boletus avellaneus J. Blum, *Bull. Soc. Mycol.*

France 85(4): 560 (1970) [1969]

- Leccinum avellaneum* (J. Blum) Bon, *Doc. Mycol.* 9 (35): 41 (1979)
Leccinum subcinnamomeum Pilát & Dermek [nom. inval.], *Hřibovité Huby*: 144 (1974)
Leccinum rigidipes P.D. Orton, *Trans. Brit. Mycol. Soc.* 91(4): 560 (1988)
 Mis.: *Leccinum molle* sensu auct. brit.
 Mis.: *Leccinum oxydabile* sensu auct. brit.
 Mis.: *Leccinum pulchrum* sensu auct. brit.
 Mis.: *Leccinum umbrinum* sensu auct. brit.
 Mis.: *Leccinum umbrinoides* sensu auct. brit.
- E: c S: c W: c NI: c ROI: c O:** Isle of Man: !
H: On soil in deciduous woodland but strictly associated with *Betula* spp. and generally in relatively drier habitats.
D: FN: 172 **D+I:** Ph: 211-213 (as *L. roseofractum*, *L. oxydabile* & *L. scabrum*), B&K3: 74 37, L&E: 62 4, L&E: 72 8 (as *L. avellaneum*), **I:** Bon: 41 (as *K. scabra*)
 Very common and widespread. Remove from synonymy: *L. melaneum* to separate entry (q.v.), *L. molle*, *L. murinaceum* to 'excluded' list (q.v.), *L. olivaceosum* to synonymy of *L. holopus*, Add to synonymy: *L. rigidipes* and *L. roseofractum* from separate entries. **[UD5]**
- schistophilum** Bon, in Bon & Van Haluwyn, *Doc. Mycol.* 11(44): 35 (1981)
Leccinum palustre M. Korhonen, *Karstenia* 35(2): 63 (1995)
E: ! S: !
H: On soil with *Betula*, usually in wetter habitats than *L. scabrum*.
D: FN: 173 **D+I:** *Karstenia* 35(2): 62-65 (1995) (as *L. palustre*), FM 7(4): 121 & 122 (2006)
 Likely to be confused with *L. holopus* and *L. variicolor* which are also associated with *Betula* in similarly wet habitats. Distribution currently uncertain. Move *L. palustre* from separate entry to the above synonymy. **[UD5]**
- versipelle** (Fr. & Hök) Snell, *Lloydia* 7(1): 58 (1944)
Boletus versipellis Fr. & Hök, *Boleti fung. gen.:* 13 (1835)
Boletus testaceoscaber Secr. [nom. inval.], *Mycogr. Suisse* 3: 8 (1833)
Leccinum testaceoscabrum Singer, *Amer. Midl. Naturalist* 37: 123 (1947)
Boletus rufescens Konrad, *Bull. Soc. Linn. de Lyon* 1: 151 (1932)
Krombholziella rufescens (Konrad) Šutara, *Česká Mykol.* 36(2): 82 (1982)
Leccinum rufescens (Konrad) Šutara, *Česká Mykol.* 43(1): 7 (1989)
Boletus percardidus Vassilkov, *Sovetsk. Bot.* 2: 27 (1944)
Leccinum percardidum (Vassilkov) Watling, *Trans. Brit. Mycol. Soc.* 43: 691 (1960)
Boletus versipellis var. *percardidus* (Vassilkov) Vassilkov, *Edible and poisonous fungi cent. Eur. dist. U.S.S.R.:* 37 (1948)
Krombholzia aurantiaca f. *percardida* (Vassilkov) Vassilkov, *Bot. Mater. Otd. Sporov. Rast. Bot. Inst. Akad. Nauk S.S.S.R.* 11: 139 (1956)
Leccinum atrostipitatum A.H. Sm., Thiers & Watling, *Michigan Botanist* 5: 155 (1966)
Leccinum roseotinctum Watling, *Notes Roy. Bot. Gard. Edinburgh* 29(2): 267 (1969)
Krombholziella roseotincta (Watling) Šutara, *Česká Mykol.* 36(2): 82 (1982)
Leccinum cerinum M. Korhonen, *Karstenia* 35(2): 61 (1995)
E: o S: o W: ! ROI: !
- H:** On acidic soil on heathland and in deciduous woodland and scrub, always associated with *Betula* spp.
D: FN: 171 **D+I:** Ph: 208 & 211, B&K3: 74 38 **I:** Bon: 41 (as *K. versipellis*), Kriegl2: 279
 Occasional but widespread. Most frequent (and may be locally common) in northern Britain. Add to synonymy: *L. atrostipitatum* and *L. roseotinctum* (from separate entries), and *L. cerinum* and *L. percardidum* (from 'excluded' list). Delete Mis.: *L. cerinum*. **[UD5]**
- Lentinellus herbarum** (Fr.) P.-A. Moreau, Guy García & P. Roux, *Mycol. Res.* 107(6): 758 (2003)
Lentinus flabelliformis var. *herbarum* Fr., *Epicr. syst. mycol.* (Upsaliae): 395 (1838) [1836-1838]
 Mis.: *Lentinellus tridentinus* sensu BFF6 p.p.
E: ! S: !
H: On damp dead stems of *Chamerion angustifolium*.
D+I:
 This is the British *Lentinellus* on dead willowherb (*Chamerion*) stems formerly misdetermined as *L. tridentinus*. A few collections (1952 onwards) at K and E but likely to have been overlooked. See FM 14(3): 105 (2013) and FM 14(4): 142 (2013) for further details. **[UD6]**
- Lentinellus tridentinus** (Sacc. & P. Syd.) Singer
 Move to 'excluded' list. Amend **Habitat** to: On dead woody stems. Replace **Notes** with: The British *Lentinellus* on dead willowherb (*Chamerion*) stems is *L. herbarum*. **[UD6]**
- LEPIOTA** (Pers.) Gray
 Remove the genus *Echinoderma* (q.v.) from synonymy. For species' name changes see under *Echinoderma*. **[UD5]**
- cristata** (Bolton) P. Kumm.
Lepiota colubrina β *cristata* (Bolton) Gray, *Nat. arr. Brit. pl.* 1: 602 (1821)
 Add *Lepiota colubrina* β *cristata* to synonymy. **[UD4]**
- Lepista nuda** (Bull.) Cooke
Agaricus nudus Bull., *Herb. France:* pl. 439 (1790)
Cortinarius nudus (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 628 (1821)
Tricholoma nudum (Bull.) P. Kumm.
Cortinarius bicolor (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 628 (1821)
 Correct author citation and literature reference for *Agaricus nudus* and author citations for subsequent combinations. Add *Cortinarius nudus* and *C. bicolor* to synonymy. **[UD4]**
- Lepista saeva** (Fr.) P.D. Orton
 Mis.: *Lepista personata* sensu auct. p.p.
 Remove *Lepista personata* and its basionym from synonymy and transfer to 'excluded'. Add misapplication, as above. **[UD4]**
- Leptosporomyces crucelliger** (Stalpers & Marvanová) Bernicchia & Gorjón, *Fungi europ.*, 12 Corticiaceae s.l.: 404 (2010)
Fibulomyces crucelliger Stalpers & Marvanová, in Marvanová & Stalpers, *Trans. Br. mycol. Soc.* 89(4): 496 (1987)
Taeniospora descalsii Marvanová & Stalpers, *Trans. Br. mycol. Soc.* 89(4): 494 (1987)
E: ! S: ! W: !
H: Sexual morph only known from laboratory cultures derived from *Taeniospora* conidia isolated from stream foam.

D+I:

Marvanová & Stalpers [*Trans. Br. mycol. Soc.* 89(4): 494 (1987)] reported that clamped conidia of the aquatic hyphomycete *Taeniospora descalsii* were collected (1983) from Caernarvonshire (Bryn Gefelliau) and Devon (Glassy Steps). They also regarded a 'conidium of unknown basidiomycete' isolated from foam collected (1975) from West Perthshire (Ledard Burn) and illustrated in Ingold [*Am. J. Bot.* 66(2): 218-226 (1979)] as conspecific. It is also recorded from Mid-west Yorkshire (Hollow Gill Wood) and South Hampshire (New Forest).

[UD6]

Leptosporomyces fusoides (Jülich) Krieglst.**E:** !**H:** English collection on fallen pine cones and twigs.**D+I:** CNE3: 386-387 (as *Fibulomyces fusoides*) Move from 'excluded'. Recent material (2005) at K from Surrey (Brookwood Cemetery). Reported from Wiltshire, but lacking voucher material. [UD1]**LERATIOMYCES** Bresinsky & Manfr.Binder, *Z. Mykol.* 64(1): 80 (1998)As a result of a recent molecular investigation by Bridge *et al.* [*Mycotaxon* 103: 109 - 121 (2008)], the following taxa are placed within the genus.**ceres** (Cooke & Masee) Spooner & Bridge, *Mycotaxon* 103: 116 (2008)Mis.: *Stropharia aurantiaca* sensu auct.This is the species, common on wood-chip mulch, generally but erroneously known in the British Isles as '*Stropharia aurantiaca*'. [UD3]**percevalii** (Berk. & Broome) Bridge & Spooner, *Mycotaxon* 103: 117 (2008)*Stropharia percevalii* (Berk. & Broome) Sacc.

[UD3]

squamosus (Pers.) Bridge & Spooner, *Mycotaxon* 103: 117 (2008)*Stropharia squamosa* (Berk. & Broome) Quél.

[UD3]

squamosus var. thraustus (Schulzer ex Kalchbr.)Bridge & Spooner, *Mycotaxon* 103: 118 (2008)*Stropharia squamosa* var. *thrausta* (Schulzer ex Kalchbr.) Masee*Stropharia aurantiaca* (Cooke) M. ImaiNote that *Stropharia aurantiaca* sensu auct. is *L. ceres* (q.v.) [UD3]**Leucoagaricus crystallifer** Vellinga, *Persoonia* 17: 475 (2000)**E:** ! **W:** !**H:** On soil in woodland and garden.**D:** FAN5: 106-107New record. Collections at K from Somerset and Breconshire. The species was segregated from *L. serenus*, so some older records of *L. serenus* sensu lato may be referable to *L. crystallifer*. [UD1]**Leucocoprinus cepistipes** (Sowerby) Pat.*Sclerotium mycetospora* Nees (anam.), in Fries, *Syst. mycol.* 2(1): 253 (1822)*Coprinus cepistipes* (Sowerby) Gray, *Nat. arr. Brit. pl.* 1: 633 (1821)Add the anamorph name *Sclerotium mycetospora*, listed as British by Wakefield & Bisby (1942), to synonymy [UD3]. Add *Coprinus cepistipes* to synonymy. [UD4]**Leucocoprinus cretaceus** (Bull.) Locq.*Coprinus cepistipes* β *cretaceus* (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 633 (1821)Add *Coprinus cepistipes* β *cretaceus* to synonymy.

[UD4]

LEUCOGYROPHANA PouzarA molecular investigation of the genus [Jarosch & Besl, *Plant Biol.* 3(4): 443-448 (2001)] has shown that *Leucogyrophana sensu lato* is polyphyletic. As a first step towards a more natural classification, *L. pinastri* has been placed in the new genus *Hydnomerulius* (q.v.) and *L. pulverulenta* transferred to *Serpula* (see additions to alien taxa below). [UD4]**Leucopaxillus tricolor** (Peck) Kühner, *Le Botaniste* 17: 135 (1926)*Tricholoma tricolor* Peck, *Rep. (Annual) New York State Mus. Nat. Hist.* 41: 60 (1888)*Leucopaxillus pseudoacerbus* (Costantin & L.M. Dufour) Boursier, *Bull. Soc. Mycol. France* 41: 392 (1925)*Tricholoma pseudoacerbum* Costantin & L.M.Dufour, *Nouv. fl. champ.*: 259 (1891)Mis.: *Leucopaxillus compactus* sensu auct. mult.**E:** !**H:** Usually on calcareous soil in broadleaved woodland, the British collection was under *Fagus* on chalk.**D:** FN: 410 (as *L. compactus*), **D+I:** B&K3: 216 252 (as *L. compactus*), Ph2: 96a, FM 10(3): 86-89 (2009) **I:** C&D: 207New record. A recent collection (2008) at K from Cambridgeshire (Gog Magog Hills). A species with very large fruitbodies resembling *Tricholoma acerbum* but with amyloid spores and gills drying purple-brown. [UD5]**Lichenomphalia umbellifera** (L.) Redhead *et al.**Micromphale ericetorum* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 623 (1821)Add *Micromphale ericetorum* to synonymy. [UD4]**LYCOPERDON** L.*Bovistella* Morgan*Handkea* Kreisel*Vascellum* F. ŠmardaFollowing a recent molecular investigation by Larsson & Jeppson [*Mycol. Res.* 112: 4 - 22 (2008)], the genera *Bovistella*, *Handkea*, and *Vascellum* are placed in synonymy with *Lycoperdon*. The following entries are the resulting name changes (including a name change for one species previously listed in *Bovista*).**dermoxanthum** Vittad.*Bovista dermoxantha* (Vittad.) De Toni [UD3]**excipuliforme** (Scop.) Pers.*Handkea excipuliformis* (Scop.) Kreisel [UD3]**perlatum** Pers.*Lycoperdon bonordenii* Masee, *J. Roy. Micr. Soc.* 1887: 713 (1887)*Lycoperdon perlatum* var. *bonordenii* (Masee) Perdeck, *Blumea* 6: 505 (1950)Add *Lycoperdon bonordenii* and *L. perlatum* var.*bonordenii* to synonymy (listed as English in Pilát, *Flora CSR, Gasteromycetes*: 328, 1958, but omitted from printed Checklist). Perdeck (*Blumea* 6: 480-516, 1950) characterised var. *bonordenii* as having

an exoperidium with spines not forming a distinct reticulum. [UD2]

pratense Pers.

Vascellum pratense (Pers.) Kreisel [UD3]

radicatum Durieu & Mont.

Bovistella radicata (Durieu & Mont.) Pat. [UD3]

utriforme Bull.

Handkea utriformis (Bull.) Kreisel

Note also a correction to the author citation for *Handkea utriformis*. [UD3]

Lindtneria hydroidea Bernicchia & Ryvarden, *Mycol. Res.* 102(4): 503 (1998)

E: !

H: English collection on underside of log on moss.

D+I:

New record. A collection (2014) at K from South Hampshire (New Forest). [UD6]

Lyophyllum favrei (R. Haller Aar. & R. Haller Suhr) R. Haller Aar. & R. Haller Suhr

Name changed to *Calocybe favrei* (q.v.). [UD5]

Lyophyllum paelochroum Cléménçon, *Nova Hedwigia* 36(1): 126 (1982)

E: !

H: On soil near trees or shrubs.

D+I: FM 15(4): 129 (2014)

New record. Collections (2013 & 2014) at K from West Gloucestershire (Bristol, Clifton) and Surrey (Wisley Golf Club). [UD6]

Macrolepiota olivieri (Barla) Wasser

Name changed to *Chlorophyllum olivieri* (q.v.).

[UD1]

Macrolepiota rhacodes (Vittad.) Singer

Name changed to *Chlorophyllum rhacodes* (q.v.).

[UD1]

Macrolepiota rhacodes var. bohémica

(Wichanský) Bellù & Lanzoni [*nom. inval.*], *Beitr.*

Kenntn. Pilze Mitteleurop. 3: 191 (1987)

Name changed to *Chlorophyllum brunneum* (q.v.).

[UD1]

Marasmiellus carneopallidus (Pouzar) Singer,

Beih. Nova Hedwigia 44: 307 (1973)

Micromphale carneopallidum Pouzar, *Česká Mykol.* 20(1): 23 (1966)

E: !

H: English collection on south-facing calcareous downland soil on dead stem bases of *Helianthemum nummularium*.

D+I: A&N4: 334-336 I: C&D: 217, Lud1: 46.8

New record. A recent collection (2010) at K from the Isle of Wight (St. Boniface Down). [UD5]

MARASMIUS Fr.

The treatment in A&N4 based on combined molecular and morphological studies necessitates the recognition of several smaller and more homogeneous genera. Relevant name changes are listed under *Gloiocephala*, *Gymnopus*, *Mycetinis* and *Rhizomarasmius*. [UD5]

androsaceus (L.) Fr.

Merulius androsaceus (L.) With., *Arr. Brit. Pl. ed.* 3, 4: 148 (1796)

Add *Merulius androsaceus* to synonymy. [UD3]

collinus (Scop.) Singer

Gymnopus collinus (Scop.) Gray, *Nat. arr. Brit. pl.* 1: 607 (1821)

Add *Gymnopus collinus* to synonymy. [UD4]

tenuiparietalis Singer

Delete as a separate entry and move to synonymy of *M. epiphyllus*. [UD5]

Melanoleuca pseudoluscina Bon, *Docums Mycol.*

10(nos 37-38): 89 (1980) [1979]

Melanoleuca rasilis var. *pseudoluscina* (Bon)

Boekhout

W: !

H: Welsh collection on fixed sand dune with *Tortula*.

D+I: FM 15(4): 135-136 (2014)

Move from 'excluded' list (as *M. rasilis* var. *pseudoluscina*). A collection (2012) at K from Pembrokeshire (Stackpole Warren). [UD6]

MEMBRANOMYCES Jülich, *Persoonia* 8: 296 (1975)

Cantharellales, Clavulinaceae

Type: *Membranomyces spurius* (Bourdot) Jülich

spurius (Bourdot) Jülich, *Persoonia* 8: 296 (1975)

Corticium sprurium Bourdot, *Rev. Sci. Bourb.*

Centr. Fr. 35: 15 (1922)

Clavulicium spurium (Bourdot) J. Erikss. &

Hjortstam, in Eriksson, Hjortstam & Ryvarden, *Corticaceae of North Europe* 6: 1059 (1981)

E: !

H: On wood.

D: CNE6: 1058-1061 (as *Clavulicium spurium*)

New record. Recent material (2004) at K from Hertfordshire. Note that the collection illustrated in B&K2: 140 137 is not this species, but *Coniophora puteana*. [UD1]

MENSULARIA Lázaro Ibiza, *Revista Real Acad. Ci. Madrid* 14: 736 (1916)

Type: *Mensularia radiata* (Sowerby) Lázaro Ibiza

nodulosa (Fr.) T. Wagner & M. Fischer, *Mycol. Res.* 105: 781 (2001)

Name changed from *Inonotus nodulosus*. [UD5]

radiata (Sowerby) Lázaro Ibiza, *Revista Real Acad. Ci. Madrid* 14: 736 (1916)

Name changed from *Inonotus radiatus*. [UD5]

MEOTTOMYCES Vizzini, *Rivista Micol.* 51(1): 63 (2008)

Type: *Meottomyces dissimulans* (Berk. & Broome) Vizzini

dissimulans (Berk. & Broome) Vizzini, *Rivista Micol.* 51(1): 63 (2008)

Name changed from *Phaeogalera dissimulans* (*Hemipholiota oedipus*). [UD5]

MICROMPHALE Gray

The treatment in A&N4 based on combined molecular and morphological studies necessitates the removal of all taxa in the printed Checklist to *Gymnopus*. [UD5]

MINIMEDUSA Weresub & P.M. LeClair, *Can. J. Bot.* 49: 2210 (1971)

Stereales, Sistotremataceae

Anamorphic fungi with teleomorphs in or close to the genus *Sistotrema*, but the anamorphic taxa are not as yet linked to teleomorphic species. [UD2]
Type: *Minimedusa polyspora* (Hotson) Weresub & P.M. LeClair

Minimedusa polyspora (Hotson) Weresub & P.M. LeClair, *Can. J. Bot.* 49: 2210 (1971)

E: ! NI: !

H: British collections isolated ex soil and oat seeds. Omitted from printed Checklist. British records noted in Beale & Pitt (*Mycol. Research* 99(3): 337, 1995). [UD2]

Multiclavula mucida (Pers.) R.H. Petersen

S: !

H: Scottish collection on old log on loch shore.

D+I: B&K2: 342 440 (as *Lentaria mucida*)

Move from 'excluded' list. A recent collection (2008) in E from Westernness (Loch Arienas). Delete "Not authentically British" from notes. [UD5]

Mycena amicta (Fr.) Quéf.

Mycena amicta var. *iris* (Berk.) Bon [*comb. inval.*], *The Mushrooms and Toadstools of Britain and North-western Europe*: 182 (1987)

Add *Mycena amicta* var. *iris* (omitted from printed Checklist) to synonymy. [UD2]

Mycena cecidiophila A.P. Berg, Berg-Blok, Noordel. & Uljé, *Persoonia* 17(3): 481 (2000)

E: !

H: English collections on knopper galls on fallen cupules (acorn cups) of *Quercus robur*.

D: FN: 354 **I:** *Cecidology* 25(1): 19 (2010)

New record. A few recent collections (2002–2009) from the Isle of Wight, North & South Hampshire & Surrey reported in Rogerson [*Cecidology* 25(1): 11–12 (2010)]. [UD5]

Mycena epipterygia (Scop.) Gray

Mycena flavipes (Sibth.) Gray, *Nat. arr. Brit. pl.* 1: 619 (1821)

Mycena epipterygia var. *badiceps* M. Lange, *Meddr Grønland*, Biosc. 147: 49 (1955)

Add *Mycena flavipes* to synonymy. Also add var. *badiceps* (recorded from Perthshire in Watling & Turnbull, *Bot. J. Scot.* 46(3): 419) to synonymy. [UD4]

Mycena flavoalba (Fr.) Quéf.

The correct name *fide* Maas Geesteranus (1992) for the species previously listed (following Maas Geesteranus, 1984) as *M. luteoalba*. (with *M. flavoalba* as a synonym). [UD1]

Mycena inclinata (Fr.)

Add to notes: White-capped forms [see FM 11(1):34 (2010) and FM 11(2):70 (2010)] have been referred to *M. inclinata* f. *albopileata* Derbsch & J. Aug. Schmitt ex Robich & Consiglio but this name is invalid. [UD5]

Mycena luteoalba (Bolton) Gray

Move to 'excluded'. A *nomen dubium*. Sensus auct = *M. flavoalba* (q.v.). [UD1]

Mycena niveipes (Murrill) Murrill

Prunulus niveipes Murrill, *N. Amer. Fl.* (New York) 9(5): 332 (1916)

E: !

H: English collection on woody debris in broadleaved woodland.

D+I:

Move from 'excluded' list. A collection (2012) at K from Shropshire (Oswestry Racecourse). [UD6]

Mycena pterigena (Fr.) P. Kumm

Agaricus rubeolarius With., *Arr. Brit. pl.* ed. 3, 4: 405 (1796)

Add *Agaricus rubeolarius*, described from Britain, to synonymy. [UD3]

MYCENASTRUM Desv., *Ann. Sci. Nat., Bot.*, sér. 2, 17: 147 (1842)

Lycoperdales, Mycenastraceae

Type: *Mycenastrum corium* (Guersent) Desvaux

corium (Guers.) Desv., *Ann. Sci. Nat., Bot.*, sér. 2, 17: 147 (1842)

O: Channel Islands: !

H: In sandy soil at clifftop.

D: NM3: 341

New record. Recent material (2005) at K from Jersey. [UD1]

MYCETINIS Earle, *Bull. New York Bot. Gard.* 5: 414 (1909)

Type: *Mycetinis alliaceus* (Jacq.) Earle ex A.W. Wilson & Desjardin

The following name changes from *Marasmius* are required [UD5]:

alliaceus (Jacq.) Earle ex A.W. Wilson & Desjardin, *Mycologia* 97(3): 677 (2005) [UD5]

scorodonius (Fr.) A.W. Wilson & Desjardin, *Mycologia* 97(3): 678 (2005) [UD5]

Myriostoma coliforme (Dicks.) Corda, *Anleit. Stud. Mykol.*: 131 (1842)

Lycoperdon coliforme Dicks., *Fasc. pl. crypt. brit.* (London) 1: 24 (1785)

Geastrum coliforme (Dicks.) Pers., *Syn. meth. fung.*: 131 (1801)

Polystoma coliforme (Dicks.) Gray, *Nat. arr. Brit. pl.* 1: 586 (1821)

Amended basionym authority and publication reference and consequent amendments to synonyms listed above. [UD6]

NODOTIA Hjortstam

Delete as separate taxon and add to synonymy of *Hypochnicium* (q.v.). [UD5]

lyndoniae (D.A. Reid) Hjortstam & Ryvar den

Delete as separate taxon and add to synonymy of *Hypochnicium lyndoniae* (q.v.). [UD5]

Panaeolus antillarum (Fr.) Dennis

E: ! S: !

H: On rotting grass or herbivore dung (horse & elephant).

D+I:

Move from 'excluded' list. Collections (2002 & 2013) at K from Surrey (Esher) and Cheshire (Chester Zoo) and a collection (2006) at E from Midlothian (Edinburgh).

Panaeolus cinctulus (Bolton) Sacc. [UD6]

Coprinus cinctulus (Bolton) Gray, *Nat. arr. Brit. pl.* 1: 633 (1821)

Add *Coprinus cinctulus* to synonymy. [UD4]

Panaeolus papilionaceus (Bull.) Quéf.

Coprinus papilionaceus (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 633 (1821)

Add *Coprinus papilionaceus* to synonymy. [UD4]

Panaeolus semiovatus (Sowerby) S. Lundell
Coprinus semiovatus (Sowerby) Gray, *Nat. arr. Brit. pl.* 1: 632 (1821)
Coprinus ciliatus (Bolton) Gray, *Nat. arr. Brit. pl.* 1: 633 (1821)

Add *Coprinus semiovatus* and *C. ciliatus* to synonymy. [UD4]

Panellus serotinus (Pers.) Kühner
Name changed to *Sarcomyxa serotina* (q.v.). [UD5]

PARASOLA

Agaricales, Psathyrellaceae

Type: *Parasola plicatilis* (Curtis) Redhead, Vilgalys, & Hopple

Treated as a synonym of *Coprinus* in the published checklist, but now accepted as a separate genus. Unless indicated otherwise, the following entries are all name changes for taxa previously listed in the genus *Coprinus*. [UD1]

auricoma (Pat.) Redhead, Vilgalys, & Hopple, *Taxon* 50: 235 (2001) [UD1]

cuniculorum D.J. Schaf., *Field Mycology* 15(3): 83 (2014)

E: !

H: English collections on incubated rabbit dung.

D+I:

New record. Holotype collection (2011) at K from South-west Yorkshire (Hatfield Moor) with a paratype (2013) from South Hampshire mentioned in the original description. See FM15(3): 77-99 (2014) for further discussion. [UD6]

conopilus (Fr.) Örstadius & E. Larss., *Mycol. Res.* 112: 1180 (2008)

Psathyrella conopilus (Fr.) Ulbr., *Krypt.-Fl. Anf.*, edn 3: 289 (1928)

A change of genus for *Psathyrella conopilus*, based on molecular research [Larsson & Örstadius, *Mycol. Res.* 112(10): 1165-1185 (2008)]. Note also a change to the author citation and publication reference for *Psathyrella conopilus*. [UD4]

galericuliformis (Watling) Redhead, Vilgalys, & Hopple, *Taxon* 50: 235 (2001) [UD1]

hercules (Uljé & Bas) Redhead, Vilgalys, & Hopple, *Taxon* 50: 235 (2001) [UD1]

kuehneri (Uljé & Bas) Redhead, Vilgalys, & Hopple, *Taxon* 50: 235 (2001) [UD1]

leiocephala (P.D. Orton) Redhead, Vilgalys, & Hopple, *Taxon* 50: 236 (2001) [UD1]

lilatincta (Uljé & Bas) Redhead, Vilgalys, & Hopple, *Taxon* 50: 236 (2001) [UD1]

megasperma (P.D. Orton) Redhead, Vilgalys, & Hopple, *Taxon* 50: 236 (2001) [UD1]

miser (P. Karst.) Redhead, Vilgalys, & Hopple, *Taxon* 50: 236 (2001) [UD1]

plicatilis (Curtis) Redhead, Vilgalys, & Hopple, *Taxon* 50: 235 (2001) [UD1]

schroeteri (P. Karst.) Redhead, Vilgalys, & Hopple, *Taxon* 50: 236 (2001) [UD1]

Paxillus ammoniavirescens Contu & Dessì, in Dessì & Contu, *Micol. Veg. Medit.* 13(2): 123 (1999)

Paxillus validus C. Hahn, in Hahn & Agerer, *Nova Hedwigia* 69(1-2): 261 (1999)

E: !

H: On soil under broadleaved trees.

D+I: FM 15(4): 121-127 (2014)

New record. Collections (2004 onwards) from East Sussex (Flatropers Wood and Wakehurst Place) and Surrey and, when better known, expected to be much more widespread. See FM 15(4): 121-127 (2014) for further discussion on the taxonomy of the *Paxillus involutus* complex in Europe. [UD6]

Paxillus cuprinus P. Jargeat, H. Gryta, J.P. Chaumeton & Vizzini, in Jargeat, Chaumeton, Navaud, Vizzini & Gryta, *Fungal Biology* 118: 27 (2014)

E: !

H: On soil under broadleaved trees, usually in open wooded sites (e.g. parks, gardens) and regarded as sun-loving.

D+I: FM 15(4): 121-127, back cover (2014)
New record. Collections (2014) from Middlesex (Hampstead Heath) and Surrey (Brookwood and Puttenham) and, when better known, expected to be much more widespread. See FM 15(4): 121-127 (2014) for further discussion on the taxonomy of the *Paxillus involutus* complex in Europe. [UD6]

Paxillus obscurisporus Ch. Hahn, *Nova Hedwigia* 69: 268 (1999)

S: !

H: On soil, with *Betula* sp. in Scotland.

New record. A recent collection (2008) at K from Kindrogan. The species resembles *P. involutus*, but is larger and has a darker spore print. [UD4]

Peniophora pithya (Pers.) J. Erikss.

ROI: !

H: On *Picea sitchensis* log.

D: CNE5: 962-964

Move from 'excluded'. Material (1993) at K from Clare (Sleive Elva). [UD1]

Peniophora rufa (Fr.) Boidin.

Move to 'excluded' list. [UD5]

PENIOPHORELLA P. Karst., *Bidrag Kännedom Finlands Natur Folk* 48: 427 (1889)

Type: *Peniophorella pubera* (Fr.) P. Karst.

The following entries are name changes for taxa previously listed in the genus *Hyphoderma* (see above).

guttulifera (P. Karst.) K.-H. Larss., *Mycol. Res.* 111: 192 (2007)

Hyphoderma guttuliferum (P. Karst.) Donk [UD3]

praetermissa (P. Karst.) K.-H. Larss., *Mycol. Res.* 111: 192 (2007)

Hyphoderma praetermissum (P. Karst.) J. Erikss. & Å. Strid

A recent study of the *P. praetermissa* complex [Hallenberg *et al.*, *Mycol. Res.* 111: 1366 - 1376 (2007)] indicated that two species, *P. praetermissa sensu stricto* and *P. pertenuis* (P. Karst.) Hallenb. & R.H. Nilsson are widespread in Europe, but are not or scarcely separable morphologically. [UD3]

pubera (Fr.) P. Karst., *Bidrag Kännedom Finlands Natur Folk* 48: 427 (1889)

Hyphoderma puberum (Fr.) Wallr. [UD3]

Perenniporia medulla-panis (Jacq.) Donk

Poria medullaris Gray [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 640 (1821)
Add *Poria medullaris* (an illegitimate new name for *Boletus medulla-panis*) to synonymy. [UD4]
Move to 'excluded' list. [UD6]

Phallus duplicatus Bosc, *Mag. Gesell. naturf. Freunde, Berlin* 5: 86 (1811)
Dictyophora duplicata (Bosc) E. Fisch.

E: !
H: On soil with woody litter in mixed woodland.
D+I: FM 13(3): 86-89 (2012)
Move from 'excluded' list (as *Dictyophora duplicata*).
A collection (2011) at K from Mid-west Yorkshire (Moor Piece Woods). [UD6]

Phaeogalera dissimulans (Berk. & Broome) Holec
Name changed to *Meotatomyces dissimulans* (q.v.).
[UD5]

PHELLINUS Quéf.

Molecular phylogenetic studies have indicated that the traditional distinction between *Phellinus* sensu lato and *Inonotus* sensu lato should be replaced by a series of smaller more homogeneous genera. *Phellinus* species with entries in the printed Checklist now moved into *Fomitiporella* (q.v.), *Fomitiporia* (q.v.), *Fuscoporia* (q.v.) and *Porodaedalea* (q.v.) or retained in *Phellinus* sensu stricto. [UD5]

nigricans (Fr.) P. Karst.
Move to 'excluded' list. [UD5]

pini (Thore) A. Ames
Cryptoderma pini (Thore.) Imazeki, *Bull. Tokyo Sci. Mus.* 6: 107 (1943)
Add *Cryptoderma pini*, listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26: 19 (1966)], to synonymy. [UD3]

pomaceus (Pers.) Maire
Boletus pomaceus var. *prunastri* Pers., *Syn. meth. fung.*: 538 (1801)
Add var. *prunastri*, introduced for resupinate collections and reported as British by Gray [*Nat. arr. Brit. pl.* 1: 642 (1821)], to synonymy. [UD4]

populicola Niemelä, *Ann. Bot. Fenn.* 12 (3): 94 (1975)
E: !
H: English collections on *Populus* × *canescens* and *P. tremula*.

D: EurPoly2: 508-509 **D+I:** FM12(2): 66-69, FungEur10: 424-426 & 726
New record. Recent collections (2007–2010) at K from Buckinghamshire & Surrey and an old collection at K of *Fomes ignarius* on *Populus* (Northamptonshire, undated but with herb. stamp "1867") recently redetermined as this. [UD5]

pseudopunctatus A. David, Dequatre, & Fiasson, *Mycotaxon* 14: 171 (1982)

E: !
H: English collection on *Cupressus macrocarpa*.
D: EurPoly2: 511
New record. Recent material (2005) at K from Hampshire (New Forest). Northernmost record of a largely mediterranean species. [UD1]

Phellodon atratus K.A. Harrison
Move to 'excluded' list. [UD5]

Phlebia cretacea (Romell ex Bourdot & Galzin) J. Erikss. & Hjortstam, in Eriksson, Hjortstam & Ryvarden, *Cortic. N. Eur.* (Oslo) 6: 1105 (1981)
Peniophora cretacea Romell ex Bourdot & Galzin, *Hyménomyc. de France* (Sceaux): 288 (1928) [1927]

S: !
H: On fallen dead wood of *Pinus sylvestris*.
D+I:
New record. Collections (2012 onwards) at K from South Aberdeen. [UD6]

Phlebia subcretacea (Litsch.) M.P. Christ.

S: !
H: On fallen dead wood of *Pinus sylvestris*.
D+I:
Move from 'excluded' list. Collections (2012 onwards) at K from South Aberdeen. First collection confirmed by K.-H. Larsson. [UD6]

Phlebia subulata J. Erikss. & Hjortstam, *Cortic. N. Eur.* (Oslo) 6: 1175 (1981)

S: !
H: On fallen dead wood of *Pinus sylvestris*.
D+I:
New record. A collection (2013) at K from South Aberdeen (Lower Quoich Water). [UD6]

PHLEBIELLA P. Karst.

Molecular phylogenetic studies have indicated that component species with smooth amyloid spores should be moved into *Amyloxenasma* (q.v.). Of the remainder in the printed Checklist, those with smooth inamyloid spores have been moved into *Aphanobasidium* (q.v.) except for *P. paludicola* whose transfer to *Aphanobasidium* awaits a suitable combination. [UD5]

caricis-pendulae P. Roberts, *Syn. Fungorum* 22: 25 (2007)

W: !
H: Type collection on dead attached leaves of *Carex pendula*.
Newly described species from Carmarthenshire.
[UD2]

Phlebiella subflavidogrisea (Litsch.) Oberw., *Bibliotheca Mycol.* 61: 343 (1977)
Corticium subflavidogriseum Litsch., *Annls mycol.* 39(2/3): 127 (1941)

S: !
H: On fallen dead wood of *Pinus sylvestris*.
D+I:
New record. A collection (2012) at K from South Aberdeen (Luibeg). [UD6]

PHOLIOTA (Fr.) P. Kumm.

Relevant name changes are listed under *Hemipholiota* and *Hemistropharia* following FN, except *Flammula* (Fr.) P. Kumm. (1871), used in FN but a *nom. illegit.*, non *Flammula* (DC.) Fourr. 1868 (Ranunculaceae). [UD5]

pityrodes (V. Brig.) Gröger, in Ludwig, *Pilzkompendium* (Eching) 1([2]): 545 (2001)
Agaricus pityrodes V. Brig., in Briganti & Briganti, *Hist. fung. Neapol.* (Neapoli): 128, tab. 42, fig. 1-3 (1844)

E: !
H: On leaf litter in swampy canal side with *Carex*, *Typha* and *Phragmites*.
D+I:

New record. A collection (2014) at K from Middlesex (Horsenden Hill). [UD6]

squarrosoides (Peck) Sacc., *Syll. Fung.* 5: 750 (1887)
Agaricus squarrosoides Peck, *Rep. (Annual) New York State Mus. Nat. Hist.* 31: 33 (1878)

E: !

H: British collection on roots and buried wood of *Fagus*.

D+I: FM8(4): 113-114

New record. Recent collection (2006) at K from Surrey. [UD2]

Phylloporia ribis (Schumach.) Ryvarden
Cryptoderma ribis (Schumach.) Imazeki, *Bull. Tokyo Sci. Mus.* 6: 107 (1943)

Add *Cryptoderma ribis*, listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26: 19 (1966)], to synonymy. [UD3]

Physalacria stilboidea (Cooke) Sacc.
Pistillina stilboidea Cooke, *Grevillea* 19: 2 (1890)
Correction to basionym (mistakenly given as *Pistillaria* in printed Checklist). [UD2]

Physisporinus rivulosus (Berk. & M.A. Curtis) Ryvarden, *Mycotaxon* 20: 353 (1984)

E: !

H: English collections on burnt *Pinus* stump.

New record. Recent material (2005) at K from Surrey (Brookwood Cemetery). [UD1]

Pisolithus arhizus (Scop.) Rauschert
Lycoperdon arrizon Scop., *Delic. Fl. Faun. Insubr.* I: 40, tab. XVIII (1786)
Scleroderma arhizum (Scop.) Pers., *Syn. meth. fung.*: 152 (1801)

Change to basionym and to author citation for *Scleroderma arhizum*. [UD3]

Pluteus exiguus (Pat.) Sacc.
Move to 'excluded' list. [UD5]

Pluteus nothopellitus Justo & M.L. Castro, *Mycotaxon* 102: 222 (2007)

E: !

H: On dead wood of broadleaved trees.

D: FM 11(3): 99 (2010)

New record. A collection (2011) at K from Surrey (Kew Gardens). This is the predominant taxon in the British collections filed as *P. pellitus* at K fide G.G. Kibby [FM 11(3): 99 (2010)]. [UD6]

Polyporus leptcephalus (Jacq.) Fr.
Boletus elegans Bull. [non *B. elegans* Bolton (1788); non *B. elegans* Schum. (1803)], *Herb. France*: pl. 46 (1780)
Polyporus elegans (Bull.) Trog., *Verzeich. Geg v. Thun vor. Schwämme (Flora, XV)*: 593 (1832)
Boletus lateralis Bolton

Note that the synonym *Polyporus elegans* was erroneously ascribed to Bulliard in the printed Checklist, whilst its basionym *Boletus elegans* Bull., listed as British by Dickson [*Fasc. pl. crypt. brit.* 2 (1790)], was omitted. Also move *Boletus lateralis* from 'excluded' and add to synonymy [fide Dickson, *Fasc. pl. crypt. brit.* 2: 27 (1790)]. [UD3]

Polyporus tubaeformis (P. Karst.) Ryvarden & Gilb., *Syn. Fung.* (Oslo) 7: 578 (1993)
Polyporellus varius subsp. *tubaeformis* P. Karst., *Meddn Soc. Fauna Flora fenn.* 9: 69 (1882)

S: ! **NI:** !

H: On dead wood of broadleaved trees.

D+I:

New record. Collections (2012 & 2014) at K from Fermanagh (Big Dog Forest) and West Ross (Rhidorroch). Three Scottish collections (1997) from Kindrogan and Black Wood, previously assigned to *P. varius* and preserved in TENN, were sequenced and redetermined as this by Kruger et al. [*Mycol. Progr.* 5: 185-206 (2006)]. [UD6]

Polyporus umbellatus (Pers.) Fr.
Sclerotium giganteum Rostr. (anam.), *Bot. Tidsskr.* 17: 231 (1889)

Add the anamorph name *Sclerotium giganteum*, listed as British by Wakefield & Bisby (1942), to synonymy. [UD3]

PORODAEDALEA Murrill, *Bull. Torrey Bot. Club* 32: 367 (1905)

Type: *Porodaedalea pini* (Thore) Murrill

pini (Thore) Murrill, *Bull. Torrey Bot. Club* 32: 367 (1905)

Name changed from *Phellinus pini* with corrected reference. [UD5]

POROSTEREUM Pilát

Polyporales, Phanerochaetaceae

Type: *Porostereum phellodendri* Pilát [= *P. spadiceum* (Pers.) Hjortstam & Ryvarden]
Add type species (omitted in printed Checklist). [UD4]

Postia placenta (Fr.) M.J. Larsen & Lombard
Poria microspora Overh., in Nobles, *Canad. J. Res., Sect. C, Bot. Sci.* 21: 224 (1943)

Add *Poria microspora*, listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26: 24 (1966)], to synonymy, fide Donk (1974). [UD3]

PSATHYRELLA (Fr.) Quél.

A substantial revision of Nordic *Psathyrella* species based on DNA sequencing by Larsson & Örstadius [*Mycol. Res.* 112(10): 1165-1185 (2008)] and Örstadius [*Funga Nordica* (2008)] has resulted in a number of changes to the standard treatment by Kits van Waveren (Kits1, Kits2), as noted below. In addition, three species are transferred to the genera *Coprinopsis* or *Parasola* (q.v.). [UD4]

atomatoides (Peck) A.H. Sm., *Mem. N.Y. bot. Gard.* 24: 425 (1972)

Psathyra solitaria P. Karst.
Psathyrella solitaria (P. Karst.) Örstadius & Huhtinen [nom. illegit., non *P. solitaria* A.H. Sm., 1972], *Österr. Z. Pilzk.* 5: 136 (1996)
Psathyrella rannochii Kits van Wav.

Mis.: *Stropharia spintrigera* sensu auct. Brit.

A name change for the illegitimate combination *P. solitaria* (P. Karst.) Örstadius & Huhtinen. [UD4]

atrolaminata Kits van Wav.

Delete as a separate taxon and add to synonymy of *P. corrugis* (q.v.). [UD4]

bipellis (Quél.) A.H. Sm.

Considered a synonym of *Psathyrella odorata* by Larsson & Örstadius [*Mycol. Res.* 112(10): 1165-1185 (2008)], but *Agaricus odoratus* Peck (1872) [non *A. odoratus* Vill. (1779)] is illegitimate and *Psathyrella odorata* Sacc. is a later name. [UD4]

borgensis Kits van Wav.

Delete as a separate taxon and add to synonymy of *P. pseudocorrugis* (q.v.). [UD4]

coprophila Watling

Name changed to *P. saponacea* (q.v.). [UD4]

corrugis (Pers.) Konrad & Maubl.

Psathyrella atrolaminata Kits van Wav.
Psathyrella polycystis (Romagn.) Kits van Wav.
Drosophila polycystis Romagn.

Delete *P. atrolaminata* and *P. polycystis* as separate taxa and add to synonymy. [UD4]

cortinarioides P.D. Orton

Mis.: *Psathyrella frustulenta* sensu A.H. Smith
[*Contr. Univ. Michigan Herb.* 5: 45 (1941)]

D: NM2: 248 (as *Psathyrella frustulenta*) **D+I**: Kits1: 189-191 (as *P. frustulenta*) **I**: FIDan4: 151D (as *Psathyra frustulenta*), C&D: 268 (as *Psathyrella frustulenta*)

Originally described from Britain, though the species has previously been treated as a synonym of *P. frustulenta* (a *nomen dubium*). [UD4]

dicrani (A.E. Jansen) Kits van Wav.

E: ! **S**: !

H: On soil.

D+I:

Move from 'excluded' list. Collections (2004 onwards) at K from West Gloucestershire (Westonbirt Aboretum) and West Sutherland (Poulouriscaig). [UD6]

flexispora T.J. Wallace & P.D. Orton

No longer considered a dubious species. [UD4]

friesii Kits van Wav.

Delete as a separate taxon and add to synonymy of *P. senex* (q.v.). [UD4]

frustulenta (Fr.) A.H. Sm.

Agaricus frustulentus Fr.

Move to 'excluded'. Now regarded as a *nomen dubium*. Sensu auct. is *P. cortinarioides* (q.v.). [UD4]

fulvescens var. brevicystis Kits van Wav.

Delete as a separate taxon and add to synonymy of *P. senex* (q.v.). [UD4]

hirta Peck

Psathyra semivestita var. *coprobia* J.E. Lange
[*nom. inval.*], *Dansk. Bot. Ark.* 9(1): 7 (1936)
Psathyra coprobia J.E. Lange, *Fl. agaric. danic.* 5,
Taxonomic Conspectus: vii (1940)
Psathyrella coprobia (J.E. Lange) A.H. Sm.

The epithet *semivestita* var. *coprobia* should be in the genus *Psathyra* (not *Psathyrella* as previously given) and is also invalid. The author citation for *P. coprobia* therefore changes. The species is known from North Somerset and North-east Yorkshire. It has also been reported from South Hampshire, Warwickshire, and Scotland (Mid-Ebudes) but unsubstantiated with voucher material. [UD4]

hydrophiloides Kits van Wav., *Persoonia* 11(4): 488 (1982)

E: !

H: English collection on wood chips.

D:

New record. A collection (2011) at K from Surrey (Esher Common). [UD6]

ocellata (Romagn.) M.M. Moser

Drosophila ocellata Romagn.

Delete as a separate taxon and add to synonymy of *P. senex* (q.v.). [UD4]

orbitarum (Romagn.) M.M. Moser

Drosophila orbitarum Romagn.
Psathyrella prona f. *orbitarum* (Romagn.) Kits van Wav.

Rank change from *P. prona* f. *orbitarum*. [UD4]

pertinax (Fr.) Örstadius, *Agarica* 27: 75 (2007)

Agaricus pertinax Fr., *Öfvers. kongl. Svensk. Vetensk.-Akad. Förhandl.* 8: 50 (1852)
Agaricus chondrodermus Berk. & Broome
Psathyrella chondroderma (Berk. & Broome) A.H. Sm.

Mis.: *Hypholoma instratum* sensu Masee [*Brit. fung.-fl.* 1: 384 (1892)]

Mis.: *Agaricus instratus* sensu Cooke [*Grevillea* 18: 53 (1887)]

An earlier name and hence a name change for the species previously listed as *P. chondroderma*. [UD4]

ploddensis Kits van Wav.

Delete as a separate taxon and add to synonymy of *P. senex* (q.v.). [UD4]

polycystis (Romagn.) Kits van Wav.

Drosophila polycystis Romagn.

Delete as a separate taxon and add to synonymy of *P. corrugis* (q.v.). [UD4]

potteri A.H. Sm., *Mem. N.Y. Bot. Gard.* 24: 265 (1972)

Drosophila albidula Romagn
Psathyrella albidula (Romagn.) M.M. Moser
Psathyrella prona f. *albidula* (Romagn.) Kits van Wav.
Psathyrella prona f. *cana* Kits van Wav.
Psathyrella subatomata J.E. Lange
Mis.: *Psathyrella atomata* sensu auct.

E: ! **S**: ! **W**: ! **NI**: ! **ROI**: !

H: On soil, often amongst grass and woody debris in woodland.

D+I: Kits1: 86-87 (as *P. prona* f. *cana*), B&K4: 282 349 (as *P. prona* f. *cana*), **I**: FIDan4: 153C (as *Psathyra subatomata*)

Name change from *P. prona* f. *cana*. Note also that *P. albidula* and *P. subatomata* are now considered synonyms of this species rather than of *P. prona*. *Psathyrella potteri* is apparently widespread, but very few reports are supported by voucher material. [UD4]

prona (Fr.) Gillet

Agaricus pronus Fr.
Psathyra prona (Fr.) J.E. Lange

E: ! **S**: ! **W**: ! **NI**: ! **ROI**: !

H: On soil, often amongst grass, in woodland glades, fields and gardens.

D: NM2: 242 **D+I**: Kits1: 81-85, C&D: 264, B&K4: 282 351

Note that *P. albidula* and *P. subatomata* are now considered synonyms of *P. potteri* (q.v.). *Psathyrella prona* is rarely reported. [UD4]

prona f. cana Kits van Wav.

Delete as a separate taxon and add to synonymy of *P. potteri* (q.v.). [UD4]

prona f. orbitarum (Romagn.) Kits van Wav.

Rank changed to species, as *P. orbitarum* (q.v.). [UD4]

pseudocorrugis (Romagn.) Bon

Psathyrella borgensis Kits van Wav.
E: ! **S:** !
H: On clay soil in mixed deciduous woodland. British material associated with *Quercus* spp.
D+I: Kits1: 231-233; Kits2: 332-333 (as *P. borgensis*)
Delete *P. borgensis* as a separate taxon and add to synonymy. Collections at K from England (Middlesex and South Essex) and Scotland (Caithness). Also reported from Oxfordshire and Yorkshire but unsubstantiated with voucher material. **[UD4]**

saponacea F.H. Møller, *Fungi Faerøes* 1: 179 (1945)
Psathyrella coprophila Watling
Psathyrella fimetaria Watling
An earlier name and hence a name change for the species previously listed as *P. coprophila*. **[UD4]**

sarcocephala (Fr.) Singer
Agaricus sarcocephalus Fr.
Psilocybe sarcocephala (Fr.) Gillet
Drosophila sarcocephala (Fr.) Quél.
Delete as a separate taxon and add to synonymy of *P. spadicea* (q.v.). **[UD4]**

scatophila Örstadius & E. Larss., *Mycol. Res.* 112(10): 1176 (2008)
E: !
H: English collection on cow dung.
D: FN: 598 **I:** FM 10(2): 69 (2009)
New record. A recent collection (2008) at K from Berkshire (Greenham Common). **[UD5]**

senex (Peck) A.H. Sm., *Mem. N.Y. bot. Gard.* 24: 230 (1972)
Psathyrella friesii Kits van Wav.
Psathyrella fulvescens var. *brevicystis* Kits van Wav.
Drosophila ocellata Romagn.
Psathyrella ocellata (Romagn.) M.M. Moser
Psathyrella ploddensis Kits van Wav.
Psathyrella trivialis Arnolds
Mis.: *Psathyrella fibrillosa* sensu Maire [*Mem. Soc. Sci. Nat. Maroc* 45: 113 (1937)]
Mis.: *Psathyra fibrillosa* sensu Lange [*Dansk. Bot. Ark.* 9(1): 9 (1936)]
D: NM2: 249 (as *Psathyrella friesii*) **D+I:** Kits1: 250-251 (as *P. friesii*), Kits1: 260-262 (as *P. fulvescens* var. *brevicystis*), Kits1: 268-269 (as *P. ocellata*), Kits2: 357-358 (as *P. ploddensis*) **I:** FIDan4: 152D (as *Psathyra fibrillosa*)
A single, earlier name and hence a name change for the species previously listed as *P. friesii*, *P. fulvescens* var. *brevicystis*, *P. ocellata*, and *P. ploddensis*. Note that *P. senex* sensu Kits1 is not this species, but a synonym of *P. obtusata*. **[UD4]**

spadicea (Schaeff.) Singer
Agaricus sarcocephalus Fr.
Psilocybe sarcocephala (Fr.) Gillet
Drosophila sarcocephala (Fr.) Quél.
Psathyrella sarcocephala (Fr.) Singer
Psathyrella variata A.H. Sm., *Mem. New York Bot. Gard.* 24: 238 (1972)
D+I: Kits1: 161-164, Kits1: 164-166 (as *Psathyrella sarcocephala*) **I:** FIDan4: 148E (as *Psilocybe spadicea*), FIDan4: 148F (as *Psilocybe sarcocephala*), B&K4: 286 356, C&D: 268
Delete *P. sarcocephala* as a separate taxon and add to synonymy. **[UD4]** Add *Psathyrella variata* to synonymy. **[UD5]**

spintrigeroides P.D. Orton

Considered a good species by Larsson & Örstadius [*Mycol. Res.* 112(10): 1165-1185 (2008)] and accepted on this basis. But note that Vasutova et al. [*Mycol. Res.* 112(10): 1164 (2008)] considered it a synonym of *P. artemisiae*. **[UD4]**

stercoraria Örstadius & E. Larss., *Mycol. Res.* 112: 1177 (2008)
Drosophila stercoraria Kühner & Joss. [*nom. inval.*], *Bull. Soc. Naturalistes Oyonnax* 10 -11 (Suppl.): 57 (1957)
Psathyrella stercoraria Kühner & Joss. ex Arnolds [*nom. inval.*], *Biblioth. Mycol.* 90: 439 (1983) [1982]
The name *P. stercoraria* was not validly published, but this has now been rectified (with a consequent change of author citation, as above). **[UD4]**

sylvestris (Gillet) Konrad & Maubl.
Hypholoma sylvestre Gillet
Agaricus populinus Britzelm.
Psathyrella populina (Britzelm.) Kits van Wav.
Move from 'excluded'. Now considered an earlier name for the species previously listed as *P. populina*. **[UD4]**

PSEUDOINONOTUS T. Wagner & M. Fischer, *Mycol. Res.* 105: 781 (2001)
Type: *Pseudoinonotus dryadeus* (Pers.) T. Wagner & M. Fischer

dryadeus (Pers.) T. Wagner & M. Fischer, *Mycol. Res.* 105: 781 (2001)
Name changed from *Inonotus dryadeus*. **[UD5]**

Ramaria aurea (Schaeff.) Quél.
Clavaria aurea Schaeff. [non *C. aurea* Humb. (1793)], *Fung. Bavar. Palat.* 4: 121 (1774)
Mis.: *Ramaria flavobrunnescens sensu* Reid & Austwick (1963)
Note changes to synonymy and author citations. **[UD3]**

Ramaria curta (Fr.) Schild, *Ramaria*, *Z. Mykol.* 60: 125 (1994)
Clavaria curta Fr.
Ramariopsis curta (Fr.) Corner
E: ! **W:** !

H: On soil and litter, with conifers or broadleaf trees. Often in gardens, sometimes in mulched beds.
Move from 'excluded' (as *Ramariopsis curta*). Mistakenly listed in printed Checklist as a *nomen dubium* but the Swedish type (at K) has been re-investigated by Schild (*Z. Mykol.* 60: 123-130, 1994). Examination of British collections of *R. decurrens* has indicated that most are better referred to *R. curta*. The species seems to be widespread in mid to southern England (Berkshire, East Norfolk, Middlesex, Nottinghamshire, South Devon, Surrey, Warwickshire) with one collection from Wales (Carmarthenshire). Old British collections named *Clavaria curta* at K are indeterminable species of *Ramariopsis* and *Clavulinopsis*. **[UD2]**

Ramaria decurrens (Pers.) R.H. Petersen
E: !
H: On soil and litter, with deciduous trees and *Taxus*. Most British collections under this name at K have been redetermined as *R. curta* (above). This means that *R. decurrens* is less common than previously thought and is only known in the British Isles from

Herefordshire, Hertfordshire, Oxfordshire, South Devon, and Surrey. [UD2]

Ramaria fagicola R.H. Petersen

E: !

H: On soil.

D+I:

Move from 'excluded' list. A paratype collection (1930) from North-east Yorkshire (Mulgrave Woods) is at L and cited in the original description. [UD6]

Ramaria fennica var. griseoilacina Schild

Mis.: *Ramaria fumigata* sensu Corner (1950) p.p.; sensu FRIC5 & B&K2

Mis.: *Clavaria versatilis* sensu Pearson [Trans. Brit. Mycol. Soc. 39(4): 209 (1946)]

E: ! **NI:** ?

H: On soil in deciduous woodland.

D+I: B&K2: 360 468 (as *Ramaria fumigata*) **I:** FRIC5: 9-13 35 (as *R. fumigata*)

Rare in the British Isles. Known from Herefordshire, Surrey, and West Sussex. Also reported from Shropshire, Worcester, and Northern Ireland (Fermanagh), but without voucher material. The collection from North Wiltshire cited in the printed Checklist has been redetermined as *Clavulina cinerea*. Note that *Ramaria fumigata* and *R. versatilis* were erroneously listed as synonyms in the printed Checklist. [UD3]

Ramaria gracilis (Pers.) Quél.

Clavaria stricta var. *alba* Cotton & Wakef.

E: ! **S:** ! **W:** ?

H: On soil in woodland with conifers, often (always?) on calcareous soil.

Add *Clavaria stricta* var. *alba* to synonymy (based on the type at K). Re-examination of collections in herb. K has led to a revised distribution for *R. gracilis*, which is now known from England (Berkshire, Cambridgeshire, North-east Yorkshire, Northamptonshire, Surrey, West Lancashire, and West Norfolk) and Scotland (East Sutherland and Easternness). Collections from Warwickshire and the Channel Islands were misdetermined. Also reported from Herefordshire, Mid-west Yorkshire, North Somerset, Oxfordshire, Shropshire, West Gloucestershire, and Wales (Carmarthenshire) but unsubstantiated with voucher material. [UD3]

Ramaria pallida (Schaeff.) Ricken

Ramaria mairei Donk

E: !

H: On soil, English collections associated with *Fagus* and *Quercus* spp.

D+I: B&K2: 364 473

Move from 'excluded'. Rare in Britain. Recent material (2004) at K from South Hampshire (New Forest). Older material at K from Buckinghamshire, East & West Gloucestershire, Herefordshire, Surrey, and Worcestershire. *Ramaria mairei* was synonymised by Petersen [*Am. J. Bot.* 61(7): 742 (1973)], but some British collections under this last name at K have been redetermined as *R. aurea* and *R. formosa*. [UD3]

Ramaria sanguinea (Pers.) Quél., *Fl. Mycol.*

France: 467 (1888)

Clavaria sanguinea Pers., *Obs. Mycol.* 2: 61 (1799)

Mis.: *Clavaria flava* sensu Cotton & Wakefield (1919) p.p., Rea (1922) p.p., Corner (1950) p.p.

E: ! **S:** ?

H: On soil, usually associated with *Fagus*.

D+I: B&K2: 364 474

New record. Rare in Britain. This species, with reddening stipe, was synonymised with *R. flava* by earlier British authors [Cotton & Wakefield (1919); Corner (1950)]. Examination of specimens in herb. K reveals a 1927 Oxfordshire collection of *R. sanguinea* (supported by a Corner painting). Also at K is an earlier Rea watercolour of a reddening species (possibly *R. sanguinea*, but without specimen) from South Hampshire. Reid & Austwick (1963) listed a reddening '*R. flava*' as Scottish, but without any collection details. *Ramaria sanguinea* has also been reported from East Gloucestershire, but without voucher material. [UD3]

Ramariopsis kunzei (Fr.) Corner

Ramariopsis kunzei var. *deformis* Corner, *Monograph of Clavaria and Allied Genera*: 700 (1950)

Ramariopsis kunzei var. *subasperata* Corner, *Monograph of Clavaria and Allied Genera*: 700 (1950)

Add *Ramariopsis kunzei* var. *deformis* (omitted from printed Checklist) to synonymy. Note also a correction to the literature reference for var. *subasperata*. [UD2]

Ramariopsis subtilis (Pers.) R.H. Petersen

Clavaria subtilis Pers.

Clavulinopsis subtilis (Pers.) Corner

Clavaria macropus Pers., *Comment. Fungis Clavaeform.*: 51 (1797)

Clavaria dichotoma Godey [*nom. illegit.*, non *C. dichotoma* Pers., 1797], in Gillet, *Hyménomycètes*: 766 (1878)

Clavulinopsis dichotoma Corner

Mis.: *Ramariopsis pseudosubtilis* R.H. Petersen sensu Reid (in herb. K)

Name change from *Clavulinopsis subtilis*. Also add *Clavaria macropus* (omitted from printed Checklist) to synonymy. The single British specimen at K referred by Reid to *C. macropus* has been redetermined as *R. subtilis*, a synonymy which follows that of Corner (1950). The synonym *Clavaria dichotoma* is also added but is illegitimate (note too a change to the author citation of *Clavulinopsis dichotoma*). The three English collections under these last names at K have, however, been redetermined as *C. corniculata*. British collections at K tentatively referred to the American species *Ramariopsis pseudosubtilis* have been redetermined as *R. subtilis*. [UD2]

Resupinatus alboniger (Pat.) Singer, *Nova*

Hedwigia 29(1-2): 17 (1978) [1977]

Pleurotus alboniger Pat., *Bull. Soc. Mycol. France* 9: 126 (1893)

Mis.: *Resupinatus silvanus* sensu auct. p.p.

Mis.: *Hohenbuehelia silvana* sensu auct. p.p.

E: ! **W:** ! **NI:** !

H: British collections on dead rosaceous stems (including *Rubus*), fallen hardwood twigs and a fallen branch of *Araucaria araucana*.

New record. Collections at K from East Cornwall (several sites near Bodmin, 2008-10), South Somerset (Yeovil, 2010) and Tyrone (Caledon Estate, 2006). An earlier collection (1991) at K from Merionethshire (as *R. silvanus*) now redetermined as this. [UD5]

Resupinatus poriaeformis (Pers.) Thorn,

Moncalvo, & Redhead, *Mycologia* 97: 1148 (2005)

Name change for *Stigmatolemma poriaeforme* (note also the preferred spelling of the epithet). Thorn *et al.* maintain *S. urceolatum* as a separate species, though the present checklist considers it a synonym. [UD1]

RHIZOMARASMIUS R.H. Petersen,
Mycotaxon 75: 333 (2000)

Type: *Rhizomarasmius pyrrocephalus* (Berk.) R.H. Petersen

undatus (Berk.) R.H. Petersen, *Mycotaxon* 75: 335 (2000)

Name changed from *Marasmius undatus*. [UD5]

RHODOCOLLYBIA Singer, *Schweiz. Z. Pilzk.* 17: 71 (1939)

The treatment in A&N4 based on combined molecular and morphological studies necessitates the following changes [UD5]:

butyracea (Bull.) Lennox, *Mycotaxon* 9: 218 (1979)
Name changed from *Collybia butyracea*. [UD5]

maculata (Alb. & Schwein.) Singer, *Schweiz. Z. Pilzk.* 17: 71 (1939)

Name changed from *Collybia maculata*. [UD5]

prolixa (Hornem.) Antonín & Noordel., *Mycotaxon* 63: 365 (1997)

Name changed from *Collybia prolixa*. [UD5]

prolixa var. **distorta** (Fr.) Antonín, Halling & Noordel., *Mycotaxon* 63: 365 (1997)

Name changed from *Collybia distorta*. [UD5]

Rickenella pseudogrisella (A.H. Sm.) Gulden
Name change to *Blasiphalia pseudogrisella* (q.v.). [UD2]

Rigidoporus undatus (Pers.) Donk
Polyporus cinctus Berk.

Poria cincta (Berk.) Cooke

Add *Polyporus cinctus*, described from Britain but previously excluded as a *nomen dubium*, to synonymy (type re-examined). [UD4]

Rozites caperatus (Pers.) P. Karst
Name change to *Cortinarius caperatus* (q.v.). [UD2]

RUGOSOMYCES Raitheh., *Metrodiana* 8(1): 10 (1979)

Type: *Rugosomyces onychinus* (Fr.) Raitheh. [as 'onychina']

The following entries are name changes for taxa previously listed in the genus *Calocybe* [UD5]

carneus (Bull.) Bon, *Doc. Mycol.* 21(82): 66 (1991)
Name changed from *Calocybe carnea*. [UD5]

chrysenteron (Bull.) Bon, *Doc. Mycol.* 21(82): 65 (1991)
Name changed from *Calocybe chrysenteron*. [UD5]

ionides (Bull.) Bon, *Doc. Mycol.* 21(82): 66 (1991)
Name changed from *Calocybe ionides*. [UD5]

obscurissimus (A. Pearson) Bon, *Doc. Mycol.* 21(82): 66 (1991)
Name changed from *Calocybe obscurissima*. [UD5]

onychinus (Fr.) Raitheh., *Metrodiana* 9(2): 47 (1979)
Name changed from *Calocybe onychina*. [UD5]

persicolor (Fr.) Bon, *Doc. Mycol.* 21(82): 66 (1991)
Tricholoma carneolum (Fr.) Sacc., *Syll. fung.* 5: 118 (1887)

Name changed from *Calocybe persicolor* [UD5]. Add *Tricholoma carneolum* (erroneously said, in printed Checklist, to be an unpublished combination) to synonymy. [UD2]

Russula amoenoides Romagn., *Russules d'Europe Afr. Nord:* 714 (1967)

E: !

H: English collections on soil under *Quercus* sp.

D+I:

New record. Collections (2011 onwards) at K from Buckinghamshire (Hodgemoor Wood and Stoke Common), Hertfordshire (Ashridge) and Middlesex (Hampstead Heath). [UD6]

Russula arpalices Sarnari, *Boll. Assoc. Micol. Ecol. Romana* 11(nos 30-31): 12 (1994) [1993-1994]

W: !

H: Welsh collection on soil under *Populus tremula*.

D+I: FM 14(3): 93-95 (2013)

New record. A collection (2012) at K from Anglesey (Beaumaris). [UD6]

Russula atroglauca Einhell.

E: !

H: On soil with broadleaved trees.

D+I:

Move from 'excluded' list. Collections (1997 & 2014) at K from Cumberland (Keswick) and Middlesex (Kenwood). [UD6]

Russula faustiana Sarnari, *Boll. Assoc. Micol. Ecol. Romana* 25: 9 (1992)

E: !

H: English collection on calcareous grassland soil with *Betula* sp.

D: FN: 120 D+I: FM 11(2): 52-54 (2010), Sarn: 326-331

New record. A recent collection (2008) at K from East Kent (Putt Wood) and a record from Surrey (Kew Gardens) reported in FM 11(2): 52-54 (2010).

[UD5]

Russula favrei M.M. Moser, *Sydowia* 31: 98 (1978)

S: !

H: On soil in woodland, with *Betula* sp.

New record. There is recent (2005) material at K from Easternness. [UD2]

Russula felleaecolor Bon & Jamoni, *Rivista Micol.* 36(1): 6 (1993)

S: !

H: Scottish collection on soil with *Salix herbacea*.

New record. A collection (1986) at E from Cairn Gorm recently determined as this. For Sarnari (Sarn2) possibly only a colour form of *R. pasqua*. [UD5]

Russula fragilis var. **gilva** Einhell., *Hoppea* 43: 56 (1985)

E: !

H: On soil, with *Betula* sp.

New record. A recent collection (2008) at K from Surrey (Wimbledon Common). [UD4]

Russula gilva Zvára, *Arch. Přírodov. Výzk. Čech.* 17(4): 94 (1927)

E: !

H: On soil under trees.

D+I:

New record. Collections (2010 & 2011) at K from Buckinghamshire (Stoke Common) and Hertfordshire (Ashridge). [UD6]

Russula gilvescens Bon

S: !

H: On soil in woodland, with *Betula* and *Pinus* spp. Remove from synonymy of *R. graveolens*. Now considered a distinct species. There is recent (2005) material at K from Easternness. **[UD4]**

Russula graveolens Romell

Remove *R. gilvescens* (now considered a separate species) from synonymy. **[UD4]**

Russula integra var. **oreas** Romagn., *Bull. Mens. Soc. Linn. Lyon* 31: 177 (1962)

S: !

H: In *Sphagnum* sp. with *Pinus sylvestris*. New record. Material (2003) at K from Aberdeenshire (Linn of Dee). **[UD1]**

Russula langei Bon

E: ! **S:** ! **NI:** !

Known from a few scattered locations in England, Scotland and Northern Ireland. (Erroneously recorded from Bangor, Wales instead of Bangor, N. Ireland in the printed Checklist.) **[UD3]**

Russula medullata Romagn.

S: !

H: On soil with *Salix herbacea*.

D+I:

Move from 'excluded' list. Collections (2003) at E from Mid Perthshire (Meall Ghaordie) and Westernness (Creag Megaidh). **[UD6]**

Russula pallescens P. Karst., *Bidrag Kännedom Finlands Natur Folk* 48: 463 (1889)

S: !

H: Scottish collection on soil with *Salix herbacea*.

D: FN: 113 **D+I:** Sarn: 416-419

New record. A collection (2010) at K from near the summit of Cairn Gorm. **[UD5]**

Russula pectinata (Bull.) Fr.

E: !

H: Surrey collection with *Carpinus*.

I: FM6: 111

Move from 'excluded'. Material (2001) at K from Surrey (Kew, Royal Botanic Gardens). Also recorded from Essex (Epping Forest) in FM 6: 111-112. **[UD1]**

Russula pseudoolivascens Kärcher, *Z. Mykol.* 68: 174 (2002)

W: !

H: Welsh collection with *Betula* sp.

I: FM4: 99

New record. Material (1999) at K from Caernarvonshire (Capel Curig). **[UD1]**

Russula pubescens A. Blytt, *Videnskabs-Selskabets Skrifter. I Math.-Naturv. Kl.* 6: 101 (1905)[1904]

S: !

H: On soil, with *Betula* sp. New record. A recent collection (2008) at K from East Perthshire. **[UD4]**

Russula pulchrae-uxoris Reumaux

Delete as a separate entry and move to synonymy of *Russula rhodomelanea*. **[UD1]**

Russula rhodomelanea Sarnari, *Rivista Micol.* 36(1): 53 (1993)

Russula mairei var. *rhodomelanea* (Sarnari) Reumaux, in Reumaux & Moëne-Locoz, *Les Russules Emétiques*: 179 (2003)
Russula pulchrae-uxoris Reumaux
Mis. *Russula emeticella* sensu Romagnesi (*Bull.*

Soc. Mycol. France 96: 304, 1980)

D+I: Sarn: 580-586

Name change for *Russula pulchrae-uxoris*, which is considered a synonym. Now recorded from East Kent and South Hampshire as well as Surrey and West Kent. **[UD1]**

Russula rivulicola Ruots. & Vauras, *Micologia* 2000 (Trento): 562 (2000)

S: !

H: Scottish collection on wet soil in *Sphagnum* under *Betula* and *Salix* spp.

D: FN: 144 **D+I:** Sarn2: 951-956

New record. A collection (2010) at K from Westernness (Loch Sunart). **[UD5]**

Russula rubrocarminea Romagn., *Russules d'Europe Afr. Nord*: 480 (1967)

E: !

H: English collection on soil near *Quercus* sp.

D+I:

Omitted from printed checklist. A collection (1999) at K from West Sussex (Ebernoe Common). **[UD6]**

Russula sanguinaria (Schumach.) Rauschert

Russula rosacea (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 618 (1821)

Add *Russula rosacea* to synonymy. Delete references to misidentifications, i.e. 'Mis.: *Russula rosacea* sensu Cooke [Ill. Brit. fung. 982 (1020) Vol. 7 (1888)] and sensu Fr. (1838)'. **[UD4]**

Russula versatilis Romagn., *Bull. mens. Soc. linn. Lyon* 31(1): 174 (1962)

E: !

H: English collection on soil under *Carpinus betulus*.

D: FM12(4): 110 (2011)

New record. A collection (2011) at K from North Essex (The Lower Forest). **[UD6]**

Russula vinososordida Ruots. & Vauras, in Assoc. Micol. Bres. (ed.), *Micologia* 2000: 558 (2000).

S: !

H: On soil, with *Betula* sp.

New record. A recent collection (2008) at K from North Perthshire. **[UD4]**

Sarcodon joeides (Pass.) Bataille, *Bull. Soc. mycol. Fr.* 39: 205 (1924)

Hydnum joeides Pass., *Nuovo G. bot. ital.* 4: 157 (1872)

E: !

H: English collections on soil near *Castanea sativa*, *Pinus sylvestris* and *Quercus* sp.

D+I:

New record. Collections (2008 & 2010) at K from Berkshire (Windsor Great Park).

SARCOMYXA P. Karst., *Meddeland. Soc. Fauna Fl. Fenn.* 18: 62 (1891)

Type: *Sarcomyxa serotina*

Sarcomyxa serotina (Pers.) P. Karst., *Meddeland. Soc. Fauna Fl. Fenn.* 18: 62 (1891)

Name changed from *Panellus serotinus*. **[UD5]**

SCLEROTIUM Tode, *Fung. mecklenb. sel.* 1: 2 (1790)

Agaricales, Typhulaceae

A genus of anamorphic fungi omitted from printed Checklist. *Sensu stricto*, with teleomorphs in *Typhula*. *Sensu lato*, with teleomorphs in a wide range of sclerotia-bearing basidiomycetes and

ascomycetes. One British basidiomycetous species with no known teleomorph is listed below.
Type: *Sclerotium complanatum* Tode [= sclerotial state of *Typhula setipes*]

delphinii Welch, *Mycopathologia* 14: 31 (1924)

E: ? **O:** Channel Islands: !

H: Plant pathogen. On *Iris* bulbs in Channel Islands. Omitted from printed Checklist, but with material at IMI from 'Britain' and the Channel Islands. Also recorded as an alien on imported bulbs in Wakefield & Bisby (1942). Teleomorph unnamed, but close to *Athelia rolfsii*. **[UD3]**

SETCHELLIOGASTER Pouzar, *Česká Mykol.* 12(1): 33 (1958)

Type: *Setchelliogaster tenuipes* (Setch.) Pouzar, *Česká Mykol.* 12(1): 34 (1958)

rheophyllus (Bertault & Malençon) G. Moreno & Kreisel, in Moreno, Kreisel & Galán, *Feddes Repert.* 108(7-8): 567 (1997)

Naucoria rheophylla Bertault & Malençon, *Fl. Champ. sup. Maroc.* 1: 427 (1970)

E: !

H: English collection on soil in *Eucalyptus nitens* plantation.

D+I: *Pagine di Micol.* 12: 64-69, pl. 43 (1999)

New record. A collection (2010) at K from Nottinghamshire (Daneshill Energy Forest) growing with seedlings imported from Spain and planted in 2005. **[UD5]**

SETICYPHELLA Agerer, *Mitt. Bot. Staatssamml. München* 19: 282 (1983)

Type: *Seticyphella tenuispora* Agerer, *Mitt. bot. Staatssamml. München* 19: 290 (1983)

Seticyphella niveola (Sacc.) Agerer

Flagelloscypha niveola (Sacc.) Knudsen, in Knudsen & Vesterholt, *Funga Nordica*: 913 (2008)

E: !

H: English collections on fallen leaves (broadleaved trees) and dead herbaceous stems in woodland.

D: FN: 245 (as *Flagelloscypha niveola*)

Move from 'excluded' list. A few recent collections (2008-2010) at K from Buckinghamshire, East Suffolk, South Hampshire and South-west Yorkshire. Delete "Not authentically British" from notes. **[UD5]**

Sistotrema aciferum P. Roberts & A. Henrici, *Synopsis Fungorum* 25: 11 (2008)

E: !

H: On dead stems of *Pteridium*.

A new species with filiform spores, recently described from Surrey (Richmond Park). **[UD4]**

Sistotrema binucleosporum Hallenb., *Mycotaxon* 21: 409 (1984)

S: !

H: Scottish collection on bark beneath fallen branch of *Pinus sylvestris*.

D+I:

New record. A collection (2012) at K from South Aberdeen (Glen Derry). The spores were slightly narrower than those of the original description.

[UD6]

Sphagnomphalia brevbasiata (Singer)

Redhead, Moncalvo, Vilgalys & Lutzoni

Name change to *Gyroflexus brevbasiatus* (q.v.).

[UD2]

Squamanita odorata (Cool) Imbach, *Mitt. naturf. Ges. Luzern* 15: 83 (1946)

E: !

H: On sandy soil with *Hebeloma mesophaeum*.

D+I: B&K4: 261 **I:** FM 14(2): 54, back cover (2013)

Move from 'excluded' list with amended authority and publication reference. A collection (2012) at K from Nottinghamshire (Lound). A historic British collection named thus (under *Pinus* in Scotland) was misdetermined and became instead the type of *Squamanita pearsonii*. **[UD6]**

Stereopsis hircens (Berk. & Ravenel) D.A. Reid, *Beih. Nova Hedwigia* 18: 298 (1965)

Thelephora hircens Berk. & Ravenel, *Grevillea* 1(no. 10): 148 (1873)

W: !

H: Welsh collections on bare soil (e.g. stream bank) at woodland edges.

D+I: FM 13(3): 79-80 (2012)

New record. Apparently the first European collections (2007 & 2011) at K from Pembrokeshire (Wyndrush Pastures and Somerton Farm). The former was originally determined as *Podoscypha multizonata* and accepted at the time as a new Welsh record. **[UD6]**

Stigmatolemma poriaeforme (Pers.) W.B. Cooke
Name changed to *Resupinatus poriaeformis* (q.v.).

[UD1]

STROPHARIA (Fr.) Quél.

As a result of a recent molecular investigation several British taxa have been transferred to the genus *Leratiomyces* (q.v.). **[UD3]**

Stropharia semiglobata (Batsch) Quél.

Coprinus semiglobatus (Batsch) Gray, *Nat. arr. Brit. pl.* 1: 632 (1821)

Add *Coprinus semiglobatus* to synonymy. **[UD4]**

Thanatephorus cucumeris (A.B. Frank) Donk

Sclerotium tuliparum Kleb. (anam.) [*nom. illegit.*, non *S. tuliparum* Schldl. (1831)], *Izvestiya Kavkaz. Muz.* 22, 3: 13 (1905)

Rhizoctonia tuliparum Whetzel & J.M. Arthur (anam.), *Cornell Agric. Exp. St. Mem.* 89: 10 (1925)

Add the anamorph names *Sclerotium tuliparum* Kleb., listed as British by Wakefield & Bisby (1942), and *Rhizoctonia tuliparum* to synonymy. **[UD3]**

Thelephora caryophyllea (Schaeff.) Pers.

Craterella caryophyllea (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 652 (1821)

Add *Craterella caryophyllea* to synonymy. **[UD4]**

Thelephora phylacteris (Bourdot & Galzin) Corner

Separate from synonymy of *T. terrestris*, change author citation, and move to 'excluded'. **[UD3]**

Tomentella atramentaria Rostr., *Bot. Tidsskr.* 19: 41 (1894)

E: !

H: British material on fallen wood of *Betula* and *Pinus* spp.

D: NM3: 305 **D+I:** Köljalg: 154-157

New Record. Recent material (2005 & 2006) at K from Surrey. **[UD2]**

Tomentella bryophila (Pers.) M.J. Larsen

Zygodesmus fulvus Sacc., *Michelia* 2: 147 (1880)

Add *Zygodesmus fulvus*, listed as British by Wakefield & Bisby (1942), to synonymy [see Larsen *Mycol. Mem.* 4: 51 (1974)]. [UD3]

Tomentella punicea (Alb. & Schwein.) J. Schröt.
Sporotrichum fuscum Link, *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 3: 12 (1809)

Add *Sporotrichum fuscum* to synonymy *fide* Stalpers (1984). Listed on felled timber by Gray [*Nat. arr. Brit. pl.* 1: 551 (1821)], though *sensu* Gray could be any brownish mould or mycelium. [UD4]

Trametes suaveolens (L.) Fr.
Daedalea suaveolens (L.) Pers., *Syn. meth. fung.* (Göttingen) 2: 502 (1801)

Add *Daedalea suaveolens* to synonymy; listed as British by Gray [*Nat. arr. Brit. pl.* 1: 639 (1821)]. [UD4]

Trechispora minuta K.H. Larss., *The genus Trechispora (Corticaceae, Basidiomycetes)* 3: 15 (1992)

NI: !

H: Northern Irish collection on dead attached fern stems in hedgerow.

D+I:

Omitted from printed checklist. A collection (2004) at K from Derry (Raspberry Hill). [UD6]

Trechispora subsphaerospora (Litsch.) Liberta
S: !

H: Scottish collection on coniferous litter in mature plantation of *Abies*, *Larix*, *Picea* and *Pinus*.

D+I:

Included in printed checklist in error, based on a Kent collection of *T. microspora*, but now accepted based on a new collection (2013) at K from South Aberdeen (Mar Lodge Estate). [UD6]

Tremella caloplacae (Zahlbr.) Diederich, *Lejeunia* 173: 31 (2003)
Lindauopsis caloplacae Zahlbr., *Ber. Deutsch. Bot. Ges.* 24: 145 (1906)

E: ! **S:** !

H: On thalli of *Caloplaca* spp.

D + I: *Biblioth. Lichenol.* 61: 167 (1996) (as *Tremella* sp. 1)

A new lichenicolous species, recorded from England and Scotland as '*Tremella* sp. 1' by Diederich [*Biblioth. Lichenol.* 61: 167 (1996)], but not formally named till 2003. [UD4]

Tremella discicola Van de Put, *Sterbeekia* 24: 12 (2004)

E: !

H: English collection in hymenium of *Mollisia* sp. on umbellifer (possibly *Conium maculatum*).

D+I:

New record. A collection (2011) at K from North Hampshire (Odiham Common). [UD6]

Tremella foliacea Pers.

Move the incorrect synonym *Gyrraria ferruginea* to *Tremella ferruginea* ('excluded', q.v.). [UD4]

Tremella giraffa C.-J. Chen, *Bib. Mycol.* 174: 173 (1998)

E: !

H: English collection in hymenium of *Dacrymyces stillatus*.

New record. Recent material (2003) at K from Surrey (Kew, Royal Botanic Gardens). [UD1]

Tremella mesenterica Retz.

Gyrraria mesenterica (Retz) Gray, *Nat. arr. Brit. pl.* 1: 593 (1821)

Add *Gyrraria mesenterica* to synonymy. [UD4]

Tremella obscura (L.S. Olive) M.P. Christ.

E: !

H: English collection in hymenium of *Dacrymyces minor*.

Move from 'excluded'. Recent material (2005) at K from Surrey (Brookwood Cemetery). [UD1]

Tremella ramalinae Diederich, *Bibliotheca Lichenol.* 61: 152 (1996)

S: !

H: Scottish collection on thallus of *Ramalina fraxinea*.

D+I:

New record. A collection (2014) at K from East Ross (Tulloch Castle). [UD6]

Tremella tuckerae Diederich, *Opuscula Philolichenum* 4: 18 (2007)

ROI: !

H: On the lichen *Ramalina cuspidata*.

Newly described from the USA, with an Irish paratype from Kerry at E. [UD2]

TRETOMYCES K.H. Larss., Kotir. & Saaren., in Kotiranta et al., *Ann. Bot. Fenn.* 48: 41 (2011)

Type: *Tretomyces lutescens* (J. Erikss. & Ryvarden) K.H. Larss., Kotir. & Saaren.

microsporus Kotir., Saaren. & K.H. Larss., in Kotiranta et al., *Ann. Bot. Fenn.* 48: 42 (2011)

S: !

H: Scottish collections on underside of *Calluna* stem and *Pinus* branch in pine woodland.

New record. Two collections (2010 & 2014) at K from Morayshire (Loch of Blairs and Culbin Forest), the former confirmed by K.-H. Larsson.

Tricholoma albobrunneum (Pers.) P. Kumm.

E: ? **S:** o

H: Scottish collections on soil with *Pinus*.

D+I:

Move from 'excluded' list. Collections (1964 onwards) at E and K from widespread Scottish localities.

Tricholoma apium Jul. Schäff.

Tricholoma apium var. *helviodor* (Pilát & Svrček) M.M. Moser, in Gams, *Kleine Kryptogamenflora*, Bd II b/2, ed. 4: 120 (1978)

Add var. *helviodor* (noted in Watling & Turnbull, *Bot. J. Scot.* 46(3): 419) to synonymy. [UD4]

Tricholoma bresadolanum Cléménçon

Mis.: *Tricholoma murinaceum* *sensu* Bresadola [Icon. mycol. 2, pl. 88 (1927)]

NI: !

H: Northern Irish collection on soil in litter under *Quercus*.

D+I:

Move from 'excluded' list. A collection (2012) at K from Fermanagh (Crom Estate). Included by Cooke 82 (49) Vol.1 (1882) [as *Agaricus (Tricholoma) murinaceus*], and also listed by Rea (1922), apparently in the same sense as Bresadola. [UD6]

Tricholoma frondosae Kalamees & Shtshukin, *Folia Cryptog. Estonica* 38: 14 (2001)

Tricholoma equestre var. *populinum* Mort. Chr. & Noordel., *Persoonia* 17(2): 311 (1999)

S: !

H: In woodland with *Populus tremula*.

D: FN: 426

Previously listed in Checklist update UD2 as *T. equestre* var. *populinum* but now accepted at specific rank. As the name *T. populinum* already existed, the species required a new name [UD5]. New record. Reported from Easternness in 2002. [UD2]

Tricholoma guldeniae Mort. Chr., *Mycotaxon* 107: 433 (2009)

S: !

H: On soil with conifers. As yet known only from Scandinavia apart from a single Scottish collection.

I: FN: 428 (misspelt 'guldenii')

New record. The 1993 Scottish collection from Westernness (Lairig Eilde), now at L, was cited as a paratype. [UD5]

Tricholoma matsutake (S. Ito & S. Imai) Singer, *Ann. Mycol.* 41: 77 (1943)

Armillaria matsutake S. Ito & S. Imai, *Bot. Mag. Tokyo* 39: 327 (1925)

Armillaria nauseosa A. Blytt, *Videnskabs-Selskabets Skrifter. I Math.- Naturv. Kl.* 6: 22 (1905)

Tricholoma nauseosum (A. Blytt) Kytöv., *Karstenia* 28(2): 69 (1989) [1988]

Tricholoma caligatum var. *nauseosum* (A. Blytt) Bon, *Doc. Mycol.* 20(78): 38 (1998)

Mis.: *Tricholoma caligatum* sensu NCL and auct. mult.

Following molecular studies by Bergius & Danell [*Scand. J. Forest Res.* 15: 318-325 (2000)] and acceptance of a proposal by Ryman *et al.* [*Taxon* 49: 555-556 (2000)], the name *T. matsutake* has been conserved against its earlier synonym *T. nauseosum* under which this species is listed in the printed Checklist. [UD5]

Tricholoma nauseosum (A. Blytt) Kytöv.

Name changed to *T. matsutake* (see above). [UD5]

Tricholoma pseudonictitans Bon, *Doc. Mycol.* 13(52): 16 (1983)

S: !

H: In woodland with *Picea* sp.

New record. There is recent material (2005) at K from Inverness (Aviemore). [UD2]

Tricholoma sulphureum var. **hemisulphureum** Kühner, in Bon, *Mycol. Helv.* 3: 325 (1989)

Tricholoma hemisulphureum (Kühner) A. Riva [*comb. inval.*], *Boll. Gruppo Micol. G. Bresadola* 42: 4 (1999)

Probably a good species, but currently lacks a valid combination at species level. Collections at K from England (Derbyshire, North Somerset, Surrey, and Westmorland) and Wales (Anglesey). Also reported from Oxford and West Lancashire. Note that the publication references are missing or inaccurate in the printed Checklist. [UD4]

TRICHOLOMELLA Zerova ex Kalamees, *Persoonia* 14(4): 446 (1992)

Type: *Tricholomella constricta* (Fr.) Zerova ex Kalamees [as 'constrictum']

constricta (Fr.) Zerova ex Kalamees, *Persoonia* 14(4): 446 (1992)

Name changed from *Calocybe constricta*. [UD5]

Tricholomopsis rutilans (Schaeff.) Singer

Agaricus xerampelinus Scop., *Agaricus, Fl. carniol.*: 8 (1772)

The synonym *Agaricus xerampelinus* was erroneously ascribed to Sowerby in the printed Checklist.

[UD3]

Tubulicrinis confusus K.H. Larss. & Hjortstam, in Hjortstam & Larsson, *Mycotaxon* 26: 437 (1986)

S: !

H: On dead coniferous wood.

D+I:

New record. A collection (2014) at K from West Ross (Dundonnell Estate). [UD6]

Tubulicrinis effugiens (Bourdot & Galzin) Oberw.

S: !

H: Scottish collections on fallen dead wood of *Pinus* sp.

D+I:

Move from 'excluded' list. Collections (2012 & 2013) at K from South Aberdeen (Glen Quoich). [UD6]

TYPHULA (Pers.) Fr.

Sclerotium Tode (anam.), *Fung. mecklenb. sel.* 1: 2 (1790)

Add the anamorphic genus *Sclerotium* (*sensu stricto*), omitted from printed Checklist, to synonymy [see Donk, *Taxon* 11: 99 (1962)]. Note that several anamorphs of other, unrelated genera in the *Basidiomycota* and *Ascomycota* have also been referred to *Sclerotium* (*sensu lato*).

micans (Pers.) Berthier

Clavaria minuta Sowerby [non *Clavaria minuta* Raddi (1822)], *Col. fig. Engl. fung.* 3: pl. 391 (1801)

Add *Clavaria minuta*, described from England (Essex), to synonymy. [UD3]

quisquiliaris (Fr.) Corner

Sclerotium medullare Berk. (anam.) [*nom. illegit.*, non *S. medullare* Schwein. (1832)], *Mag. Zool. Bot.* 1: 47 (1837)

Add the anamorph name *Sclerotium medullare* (described from Britain on *Pteridium*) to synonymy. [UD3]

sclerotioides (Pers.) Fr.

W: !

H: On *Petasites* sp.

Move from 'excluded'. Recent material (2003) at K from Caernarvonshire (Bangor). [UD1]

setipes (Grev.) Berthier

Sclerotium complanatum Tode (anam.), *Fung. mecklenb. sel.* 1: 5 (1790)

Add the anamorph name *Sclerotium complanatum* (omitted from printed Checklist, but with English collections at K) to synonymy [see Corner (1950)]. [UD3]

thaxteri (Burt) Berthier, *Bull. Mens. Soc. Linn. Lyon* 43: 187 (1974)

Pistillaria thaxteri Burt, *Ann. Missouri Bot. Gard.* 3(4): 406 (1916)

E: !

H: On rotten wood. British collections on *Salix* sp.

New record. Recent collections (2007 & 2008) at K from Surrey (Richmond Park). [UD3]

variabilis Riess

Sclerotium semen Tode (anam.), *Fung. mecklenb. sel.* 1: 4 (1790)

Sclerotium seminiforme Gray (anam.) [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 591 (1821)
Add *Sclerotium seminiforme*, described as a new name for *S. semen*, to synonymy. Note also change of author citation and reference for *S. semen*.
[UD4]

VASCELLUM F. Šmarda

Move to synonymy of *Lycoperdon* (q.v.). [UD3]

Veluticeps abietina (Pers.) Hjortstam & Tellería
E: !

H: English collections on coniferous wood in the form of imported timber and a fallen fence post.

D: NM3: 192 **D+I:** CNE2: 251-255 24A (as *Columnocystis abietina*), B&K2: 96 71 (as *Columnocystis abietina*)

Move from list of alien taxa. Add **H:**, **D:** & **D+I:** as above and replace notes with: Two collections at K (as *Columnocystis abietina*) on imported coniferous timber and a collection (1994) at K on a fallen fence in North Hampshire (Minley Manor). There is also an unsubstantiated 2003 report of this on a fallen branch in a conifer plantation in West Gloucestershire (Forest of Dean). [UD5]

Volvariella aethiops A. Favre & Vialard, *Bull. Mycol. Bot. Dauphiné-Savoie* 47(184): 23 (2007)
Volvariella terrea Musumeci & A. Riva, *Schweiz. Z. Pilzk.* 85(2): 68 (2007)

E: !

H: English collection in needle litter of *Juniperus* near *Agaricus xanthodermus* fruit bodies.

D+I FM 12(3): 75-76 (2011)

New record. A recent (2010) collection at K from Surrey (Royal Botanic Gardens, Kew). The French type collection was also found near *A. xanthodermus* as was that of *V. terrea*, supporting the view that the latter is a synonym. For discussion see FM 12(2): 39-40 (2011). [UD5]

WOLDMARIA W.B. Cooke, *Beih. Sydowia* 4: 29 (1961)

Type: *Woldmaria crocea* (P. Karst.) W.B. Cooke

filicina (Peck) Knudsen, in Knudsen & Hansen, *Nordic J. Bot.* 16(2): 219 (1996)
Solenia filicina Peck, *Ann. Rep. N.Y. St. Mus. nat. Hist.* 28: 52 (1876) [1875]

S: !

H: Host-specific on the ostrich fern *Matteuccia struthiopteris*. Scottish collections on old fertile fronds.

D: FN: 249

New record. Recent (2010) collections at E from Peeblesshire (Dawyck Botanic Garden). [UD5]

Xerocomus chrysonemus A.E. Hills & A.F.S. Taylor, *Mycol. Res.* 110(3): 283 (2006)

E: !

H: On soil in woodland, with *Quercus* spp. Newly described species from Hampshire (New Forest), with paratype from Kent. [UD2]

Xerocomus silwoodensis A.E. Hills, U. Eberhardt, & A.F.S. Taylor, *Mycol. Res.* 111(4): 406 (2007)

E: !

H: On soil in woodland, with *Populus* spp. Newly described species from Berkshire (Silwood Park), with paratypes from Hampshire and Hertfordshire. [UD2]

Xeromphalina campanella (Batsch) Kühner & Maire

Micromphale fragile (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 623 (1821)

Add *Micromphale fragile* to synonymy. [UD4]

UREDINIOMYCETES

BAUHINUS R.T. Moore, *Mycotaxon* 45: 98 (1992)

Microbotryales: Microbotryaceae

Type: *Bauhinus tragopogonis-pratensis* (Pers.) R.T. Moore

Unless indicated otherwise, the following entries are all name changes for taxa previously listed in the genus *Ustilago* (*Ustilaginiomycetes*). [UD1]

anomalus (J. Kuntze) Denchev & R.T. Moore, *Mycotaxon* 45: 99 (1992)
Microbotryum anomalum (J. Kuntze) Vánky, *Mycotaxon* 67: 39 (1998) [UD1]

bistortarum (DC.) Denchev, *Mycotaxon* 65: 421 (1997)
Microbotryum bistortarum (DC.) Vánky, *Mycotaxon* 67: 40 (1998) [UD1]

cordae (Liro) Denchev, *Mycotaxon* 65: 422 (1997)
Microbotryum cordae (Liro) G. Deml & Prillinger, *Bot. Acta* 104: 10 (1991) [UD1]

floscolorum (DC.) Denchev, *Mycotaxon* 65: 422 (1997)
Microbotryum floscolorum (DC.) Vánky, *Mycotaxon* 67: 43 (1998) [UD1]

intermedius (J. Schröt.) Denchev, *Mycotaxon* 65: 422 (1997)
Microbotryum intermedium (J. Schröt.) Vánky, *Mycotaxon* 67: 44 (1998) [UD1]

kuehneanus (R. Wolff) Denchev, *Mycotaxon* 65: 423 (1997)
Microbotryum kuehneanum (R. Wolff) Vánky, *Mycotaxon* 67: 45 (1998) [UD1]

marginalis (DC.) Denchev, *Mycotaxon* 65: 423 (1997)
Ustilago marginalis (DC.) Lév., in Orbigny, *Dict. Univ. hist. nat.* 12: 778
Microbotryum marginale (DC.) Vánky, *Mycotaxon* 67: 45 (1998)

E: !

H: In leaves of *Persicaria bistorta*.

New record. A single collection from Worcestershire in 1921, recently identified and reported in *Myc.* 20: 94 (2006). [UD1]

parlatorei (A.A. Fisch. Waldh.) Denchev, *Mycotaxon* 65: 423 (1997)
Microbotryum parlatorei (A.A. Fisch. Waldh.) Vánky, *Mycotaxon* 67: 48 (1998) [UD1]

pustulatus (DC.) Denchev, *Mycotaxon* 65: 424 (1997)
Microbotryum pustulatum (DC.) R. Bauer & Oberw., *Canad. J. Bot.* 75: 1309 (1997) [UD1]

reticulatus (Liro) Denchev, *Mycotaxon* 65: 424 (1997)
Microbotryum reticulatum (Liro) R. Bauer & Oberw., *Canad. J. Bot.* 75: 1311 [UD1]

scabiosae (Vánky) Denchev & R.T. Moore,
Mycologia Balcanica 3: 73 (2006)
Microbotryum scabiosae Vánky, *Mycotaxon* 67: 52
(1998) [UD1]

stygicus (Liro) Denchev, *Mycotaxon* 65: 424 (1997)
Microbotryum stygium (Liro) Vánky, *Mycotaxon* 67:
50 (1998) [UD1]

succisae (Magnus) Denchev, *Mycotaxon* 65: 424
(1997)
Microbotryum succisae (Magnus) R. Bauer &
Oberw., *Canad. J. Bot.* 75: 1311 [UD1]

tragopogonis-pratensis (Pers.) R.T. Moore,
Mycotaxon 45: 99 (1992)
Microbotryum tragopogonis-pratensis (Pers.) R.
Bauer & Oberw., *Canad. J. Bot.* 75: 1311 [UD1]

vinosus (Tul. & C. Tul.) R.T. Moore, *Mycotaxon* 45:
99 (1992)
Microbotryum vinosum (Tul. & C. Tul.) Denchev,
Bot. Acta 104: 10 [UD1]

CELATOGLOEA P. Roberts, *Mycologist*
19: 69 (2005)

Incertae sedis

Type: *Celatogloea simplicibasidium* (Lindsey & Gilb.)
P. Roberts

simplicibasidium (Lindsey & Gilb.) P. Roberts,
Mycologist 19: 69 (2005)

E: !

H: In hymenium of *Corticium roseum* on *Salix* sp.

D+I: Myc19(2): 69-71

New record. Recent material (2003) at K from
Norfolk. [UD1]

CLASSICULA R. Bauer, Begerow, Oberw.,
& Marvanová, *Mycologia* 95: 757 (2003)

Classiculales, Classiculaceae

Type: *Classicula naiadella* R. Bauer, Begerow,
Oberw., & Marvanová

naiadella R. Bauer, Begerow, Oberw., & Marvanová,
Mycologia 95: 757 (2003)

The teleomorph of *Naiadella fluitans*. The anamorph
was incorrectly listed under the latter name in the
printed checklist. [UD1]

Endophyllum euphorbiae-sylvaticae (DC.) G.

Winter

Aecidium characiae Gray [*nom. illegit.*], *Nat. arr.*
Brit. pl. 1: 537 (1821)

Add *Aecidium characiae*, described as a new name
for *A. euphorbiae-sylvaticae*, to synonymy. [UD4]

HARADAEA Denchev, *Mycologia*
Balcanica 3: 72 (2006)

Microbotryales: Microbotryaceae

Type: *Haradaea duriaeana* (Tul. & C. Tul.) Denchev
& H.D. Shin

duriaeana (Tul. & C. Tul.) Denchev & H.D. Shin,
Mycologia Balcanica 3: 72 (2006)

Microbotryum duriaeana (Tul. & C. Tul.) Vánky,
Mycotaxon 67: 43 (1998)

Name change for *Ustilago duriaeana* [UD1]. Delete
from notes "and possibly *Moenchia erecta*". [UD5]

moenchiae-manticae (Lindtner) Denchev & H.D.
Shin, *Mycol. Balcanica* 3(1): 72 (2006)

W: !

H: On *Moenchia erecta*.

D: *Mycotaxon* 114: 228 (2010)

New record. Two collections (1997 & 1998) at K from
a single site in Montgomeryshire (Ffridd Maldwyn).
[UD5]

Helicobasidium holospirum Bourdot, *Compt.*

Rend. Assoc. Franç. Avancem. Sci. 45: 575 (1922)

W: !

H: At base of fern stems.

New record. A recent collection (2007) at K from
Pembrokeshire (Stackpole). [UD3]

Helicobasidium purpureum (Tul.) Pat.

Rhizoctonia allii A.H. Graves (anam.), in Duby,
Bot. Gall. ed. 2: 867 (1830)

Rhizoctonia violacea Tul. & C. Tul. (anam.), *Fungi*
Hypogaei: 188 (1851)

Add the anamorph names *Rhizoctonia allii* [listed as
British by Wakefield & Bisby (1942)] and *R.*
violacea [listed as British in Fox, *Mycologist* 19: 46
(2005)] to synonymy. The name *R. violacea* has
been applied [Uetake *et al.*, *Mycol. Res.* 106(2):
156-163 (2002)] to a genetically distinct group of
isolates within the *H. purpureum* complex. [UD3]

INSOLIBASIDIUM Oberw. & Bandoni,

Trans. Brit. Mycol. Soc. 83: 651 (1984)

Platyglloeales, Platyglloeaceae

Type: *Insolibasidium deformans* (C.J. Gould) Oberw.
& Bandoni

Insolibasidium deformans (C.J. Gould) Oberw. &

Bandoni, *Trans. Brit. Mycol. Soc.* 83: 651 (1984)

Herpobasidium deformans C.J. Gould, *Iowa St.*
Coll. J. Sci. 19: 317 (1945)

Glomopsis loniceræ Donk (anam.), *Persoonia*
4(2): 214 (1966)

E: !

H: On leaves of *Lonicera* spp., causing 'honeysuckle
leaf blight'.

New record. First reported from the UK on *Lonicera*
pileata in 2000 and now widespread (Beales *et al.*,
Plant Pathology 53(4): 536, 2004). An earlier listing
of the species as British (Jülich, 1984) appears to
have been an error. [UD2]

Kuehneola uredinis (Link) Arthur

Mis.: *Lecythea ruborum* sensu auct. Brit.

Add Mis. to entry. *L. ruborum* is included as a
synonym of *Phragmidium violaceum* in the printed
Checklist. [UD5]

Microbotryum coronariae (Liro) Denchev & T.T.
Denchev, *Mycotaxon* 118: 54 (2011)

Ustilago coronariae Liro, *Ann. Acad. Sci. fenn.*,
Ser. A 17(no. 1): 38 (1924)

E: ! **S:** ! **W:** ! **O:** Channel Isles: !

H: In anthers of *Silene* (*Lychnis*) *flos-cuculi*.

D+I:

A segregate of *Ustilago violacea* s.l. restricted to *S.*
flos-cuculi with three collections (1960 onwards) at
K from Guernsey (Claire Mare), West Lancashire
(Gait Barrows) and West Ross (Loch Kishorn).
There are also Welsh collections (2010 onwards)
from Cardiganshire (Llyn Fanod) and
Carmarthenshire (Blaenbyderynuchaf). [UD6]

Microbotryum lagerheimii Denchev, *Mycol.*

Balcanica 4(1-2): 64 (2007)

E: !

H: In anthers of *Silene uniflora* (= *maritima*).

D+I:

A segregate of *Ustilago violacea* s.l. detected in England by sequencing and analysis of pheromone receptor genes of a collection (2002) from North Somerset (Charterhouse) by Devier et al. [*Mycologia* 102(3): 689-696 (2010)]. Elsewhere in Europe, *M. lagerheimii* can also occur on *S. vulgaris* and so has an overlapping host range with *M. silenes-inflatae*. British collections on these hosts should be checked by DNA sequence comparisons. **[UD6]**

Microbotryum lychnidis-dioicae (Liro) G. Deml & Oberw.

Replace **H:** with: In anthers of *Silene latifolia* and *Cucubalus baccifer*. **[UD5]**

Microbotryum saponariae M. Lutz, Göker, M. Piątek, Kemler, Begerow & Oberw., *Mycological Progress* 4: 233 (2005)

E: !

H: In anthers of *Saponaria officinalis*.

New record. A single British record from Cambridgeshire in 1998, reported in *Myc.* 20: 93 (2006). **[UD1]**

Microbotryum scorzonerae (Alb. & Schwein.) G. Deml & Prillinger, in Prillinger, Deml, Dörfelt, Laaser & Lockau, *Bot. Acta* 104(1): 10 (1991)
Uredo tragopogonis B. *scorzonerae* Alb. & Schwein., *Consp. fung.* (Leipzig): 130 (1805)

W: !

H: In anthers of *Scorzonera humilis*.

D+I:

New record. A collection (2014) at K from Glamorganshire (Cefn Cribwr). **[UD6]**

Microbotryum silenes-acaulis M. Lutz, Piątek, Kemler & Chleb., *Mycol. Res.* 112: 1289 (2008)

S: !

H: In anthers of *Silene acaulis*.

Two collections (1942 & 1986) at K from Mid Perthshire (Ben Lawers) and North Ebuades (Isle of Skye) originally referred to *Ustilago violacea*. **[UD5]**

Microbotryum silenes-dioicae T. Giraud, Denchev & M.E. Hood, *Mycol. Balcanica* 6(1): 80 (2009)

E: c **S:** o **W:** o **O:** Channel Islands: c

H: In anthers of *Silene dioica*.

Recently separated from *M. lychnidis-dioicae* and apparently restricted to this host. **[UD5]**

Microbotryum violaceum (Pers.) G. Deml & Oberw.

Ustilago antherarum Fr., *Syst. mycol.* (Lundae) 3(2): 518 (1832) p.p.

Amend synonymy.

Replace distribution data with: **E:** ! **O:** Channel Islands: !

Replace **H:** with: In the anthers of *Silene nutans* and apparently restricted to this host.

Replace **D:** with *Mycol. Res.* 112: 1292-1294 (2008)

Replace notes with: Two collections at K (1969 & 1983) respectively from Kent & Channel Islands (Herm) and two records (2004 & 2008) from East Kent (Dungeness). Old collections and reports will include *M. dianthorum*, *M. lychnidis-dioicae*, *M. major*, *M. saponariae*, *M. silenes-acaulis*, *M. silenes-dioicae*, *M. silenes-inflatae*, *M. stellariae*. **[UD5]**

Naiadella fluitans Marvanová & Bandoni

Should be listed under the teleomorph name, *Classicala naiadella* (q.v.). **[UD1]**

Phragmidium mucronatum (Pers.) Schltldl.

Puccinia rosae Schumach., *Enum. pl.* 2: 235 (1803)

Add *Puccinia rosae*, listed as British by Gray [*Nat. arr. Brit. pl.* 1: 543 (1821)], to synonymy. **[UD4]**

Puccinia adoxae R. Hedw.

Mis.: *Puccinia saxifragarum* sensu auct. Brit. p.p.

Add Mis. to entry. **[UD5]**

Puccinia allii (DC.) F. Rudolphi, *Linnaea* 4: 392 (1829)

Coeomurus porri (Sowerby) Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)

Add *Coeomurus porri* to synonymy. **[UD4]**

Xyloma allii DC., in de Candolle & Lamarck, *Fl. franç.*, Edn 3 (Paris) 5/6: 156 (1815)

Move to synonymy with *Puccinia porri*. Amend authority and basionym. **[UD6]**

Puccinia argentata (Schultz) G. Winter

Move from synonymy of *P. impatientis* to head of entry.

Amend **D:** by deletion of: (as *Puccinia argentata*) **[UD6]**

Puccinia asarina Kunze

E: !

H: III on naturalized *Asarum europaeum*.

D+I: FM 14(4): 136-138 (2013).

Move from 'excluded' list. Collections (2011 onwards) at K from Dorset (Abbotsbury). M.C. Cooke's (1866) Welsh collections named as this are of *Puccinia fergussonii* on *Viola palustris* [see FM 14(4): 136-138 (2013) for further discussion]. Reported on *Asarum* for 'Britannia' by Sydow & Sydow [*Monographia Uredinearum* 1: 584 (1904)], but this is also based on Cooke's misapplication. **[UD6]**

Puccinia buxi Sowerby [non *P. buxi* DC. (1815)],

Col. fig. Engl. fung., Suppl.: pl. 439 (1809)

Dicaeoma buxi (Sowerby) Gray, *Nat. arr. Brit. pl.* 1: 543 (1821)

Puccinia buxi DC. [*nom. illegit.*, non *P. buxi* Sowerby (1809)], *Fl. Fr.* 5: 60 (1815)

Add *Dicaeoma buxi* to synonymy. Note also change to the author citation and publication reference. **[UD4]**

Puccinia caricina var. magnusii (Kleb.) D.M. Hend.

Replace **H:** with: II & III on *Carex riparia* (0 & I on *Ribes* spp., in Britain as yet only on *R. alpinum*).

Add to notes: A single recent collection (2005) at K of aecidia on *R. alpinum* from Staffordshire (Peak District). **[UD5]**

Puccinia convolvuli Castagne, *Observ. Uréd.* 1: 16 (1842)

E: !

H: English collections on *Calystegia sepium*.

D: W&H: 171

Move from 'excluded' list. Two recent collections (2009) at K from a single site in Dorset. **[UD5]**

Puccinia coronata Corda

Aecidium irregulare DC., *Fl. Fr.* 2: 245 (1805)

Add *Aecidium irregulare*, listed as British by Gray [*Nat. arr. Brit. pl.* 1: 535 (1821)], to synonymy [*fide* Saccardo, *Syll. Fung.* 7: 623 (1888)]. **[UD4]**

Puccinia distincta McAlpine

Move to synonymy of *P. lagenophorae* based on a recent phylogenetic analysis by Scholler et al. [*Mycol. Progress* 10: 175-187 (2011)]. **[UD6]**

- Puccinia graminis** Pers.
Dicaeoma graminis (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)
Roestelia berberidis (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 534 (1821)
Add *Dicaeoma graminis* and *Roestelia berberidis* to synonymy. [UD4]
- Puccinia hieracii** (Röhl.) H. Mart.
Uredo cichoracearum DC, *Fl. Fr.* 2: 229 (1805)
Add *Uredo cichoracearum*, listed as British by Gray [*Nat. arr. Brit. pl.* 1: 539 (1821)], to synonymy [fide Saccardo, *Syll. Fung.* 7: 633 (1888)]. [UD4]
- Puccinia hysterium** (F. Strauss) Röhl.
Aecidium cichoracearum DC, *Fl. Fr.* 2: 239 (1805)
Add *Aecidium cichoracearum*, listed as British by Gray [*Nat. arr. Brit. pl.* 1: 537 (1821)], to synonymy [fide Saccardo, *Syll. Fung.* 7: 668 (1888)]. [UD4]
- Puccinia impatientis** Ficus & C. Schub.
Move to synonymy of *P. argentata* (q.v.). [UD6]
- Puccinia komarovii var. glanduliferae** R.A. Tanner, C.A. Ellison, L. Kiss & H.C. Evans, *Index Fungorum* 190: 1 (2014)
E: !
H: 0, I, II & III on *Impatiens glandulifera*.
D+I: *Eur. J. Plant Pathol.* 141: 247-266 (2015)
New record. Deliberately released (derived from wild Himalayan stock) to control the invasive non-native *Impatiens glandulifera* by CABI following Defra approval gained in July 2014 and under licence from Natural England. By Sept. 2014, eight pre-infected plants had been planted out at each of three sites (Berkshire & Cornwall) and secondary infection was observed on nearby naturalised *I. glandulifera* at both Berkshire sites. [UD6]
- Puccinia komarovii var. komarovii** Tranzschel ex P. Syd. & Syd., *Monogr. Uredin.* (Lipsiae) 1(3): 451 (1903) [1904]
E: !
H: II & III on leaves of *Impatiens parviflora*.
D+I:
New record. Collections (2013) at K from Hertfordshire (Ashridge) and Middlesex (Hampstead Heath). [UD6]
- Puccinia lagenophorae** Cooke
H: I & III common on *Senecio squalidus* and *S. vulgaris*. 0, I & III on wild *Bellis perennis* and *Bellis* cultivars. Also known on *Calendula officinalis*, *Senecio jacobaea* and cultivated *Emilia* spp. and *Pericallis hybrida*.
Add *P. distincta* (q.v.) to synonymy. Amend entry for **H.** [UD6]
- Puccinia menthae** Pers.
Dicaeoma menthae (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)
Add *Dicaeoma menthae* to synonymy. [UD4]
- Puccinia phragmitis** (Schumach.) Körn.
Aecidium rumicis Sowerby
Aecidium rubellum β *sparsum* Gray, *Nat. arr. Brit. pl.* 1: 536 (1821)
Add *Aecidium rubellum* β *sparsum*, described as a new name for *A. rumicis*, to synonymy. [UD4]
- Puccinia polygoni-amphibii** Pers.
Dicaeoma persicariae Gray [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 541 (1821)
Add *Dicaeoma persicariae*, described as a new name for *Puccinia polygoni-amphibii*, to synonymy. [UD4]
- Puccinia porri** (Sowerby) G. Winter, *Rabenh. Krypt.-Fl.*, Edn 2 (Leipzig) 1.1: 200 (1881) [1884]
Uredo porri Sowerby, *Col. fig. Engl. Fung. Mushr.* (London) 3: pl. 411 (1810)
Amend authority and basionym. Add *Uromyces ambiguus* (q.v.) and corrected entry for *Puccinia allii* (q.v.) to synonymy. [UD6]
- Puccinia ribis** DC.
Dicaeoma ribis (DC.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)
Add *Dicaeoma ribis* to synonymy. [UD4]
- Puccinia schroeteriana** Kleb., *Z. PflKrankh. PflSchutz* 5: 261 (1895)
W: !
H: 0 & I on *Serratula tinctoria*. II & III on *Carex hostiana*.
D+I:
New record. A collection (2008) from Anglesey (Cors Bodeilio) confirmed by P. Zwetko. [UD6]
- Puccinia scirpi** DC.
Dicaeoma scirpii (DC.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)
Add *Dicaeoma scirpii* to synonymy. [UD4]
- Puccinia smyrnii** Biv.
Aecidium smyrnii Bagnis, in Thümen, *Mycoth. Univ.*: no. 153 (1875)
Add the above to synonymy. [UD5]
- Puccinia teucrii** Biv., *Stirp. Rar. Sic.* 3: 17 (1815)
E: !
H: III on *Teucrium fruticans*.
New record. Recent material (2007) at K from Middlesex and Oxfordshire. [UD2]
- Tranzschelia anemones** (Pers.) Nannf.
Dicaeoma anemones (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)
Add *Dicaeoma anemones* to synonymy. [UD4]
- UROMYCES** (Link) Unger
Coeomurus Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)
Add *Coeomurus* to synonymy. [UD4]
- ambiguus** (DC.) Lév. [*Nom. inval.*, Art. 35.2]
Move to synonymy with *Puccinia porri*. [UD6]
- appendiculatus** (Pers.) Unger
Coeomurus phaseolarum (DC.) Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)
Add *Coeomurus phaseolarum* to synonymy. [UD4]
- croci** Pass.
Move to list of alien taxa. [UD5]
- ficariae** (Schumach.) Lév.
Coeomurus ficariae (DC.) Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)
Add *Coeomurus ficariae* to synonymy. [UD4]
- pisi-sativi** (Pers.) Liro
Coeomurus pisi (DC.) Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)
Add *Coeomurus pisi* to synonymy. [UD4]
- polygoni-avicularis** (Pers.) P. Karst.
Dicaeoma aviculariae (DC.) Gray [as 'avicularé'], *Nat. arr. Brit. pl.* 1: 542 (1821)
Add *Dicaeoma aviculariae* to synonymy. [UD4]

silphii (Syd. & P. Syd.) Arthur, *J. Mycol.* 13(5): 202 (1907)

Aecidium silphii Syd. & P. Syd., *Ured. Exsic.*: no. 1546 (1901)

E: ! W: !

H: II on *Juncus tenuis*.

D+I:

New record. Welsh collections (2011 onwards) from Cardiganshire (Goginan and Lodge Park) and Carmarthenshire (Cwm Twrch). First specimen confirmed by H. Boyle. A collection (2012) at K from Berkshire (Windsor Crown Estate). Probably introduced with host rush and now spreading along tracks and paths. **[UD6]**

trifolii (R. Hedw. ex DC.) Lév., *Ann. Sci. Nat., Bot.*, sér. 3, 8: 371 (1847)

Puccinia trifolii R. Hedw. ex DC., *Fl. Fr.* 2: 225 (1805)

Uredo trifolii (R. Hedw. ex DC.) Lam., *Encyclop.* 8: 223 (1808)

Coeomurus trifolii (R. Hedw. ex DC.) Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)

Add *Coeomurus trifolii* to synonymy. Note also corrections to author citations and publication references. **[UD4]**

viciae-fabae P. Karst.

Uredo fabae DC. [*nom. illegit.*, non *U. fabae* Pers. (1794)], *Syn. Pl. Gall.*: 47 (1806)

Add *Uredo fabae*, listed as British by Gray [*Nat. arr. Brit. pl.* 1: 539 (1821)], to synonymy. **[UD4]**

Xenodochus carbonarius Schldtl.

Lecythea miniata Lév., *Ann. Sci. Nat., Bot.*, sér. 3, 8: 374 (1847)

Add the above to synonymy. **[UD5]**

USTILAGINIOMYCETES

ANTHEROSPORA R. Bauer et al., *Mycol. Res.* 112(11): 1300 (2008)

Urocystidales, Floromycetaceae

Type: *Antherospora vaillantii* (Tul. & C. Tul.) R. Bauer et al.

scillae (Cif.) R. Bauer et al., *Mycol. Res.* 112(11): 1301 (2008)

Ustilago scillae Cif.

E: ! S: ! NI: ! O: Channel Islands !

H: In the anthers of *Scilla* spp.

A new combination for this species, previously considered a synonym of *Ustilago vaillantii*. Its distribution in the British Isles is not clear. **[UD4]**

tourneuxii (A.A. Fisch. Waldh.) R. Bauer, M. Lutz, Begerow, Piątek & Vánky, *Mycol. Res.* 112: 1302 (2008)

Ustilago vaillantii var. *tourneuxii* A. A. Fisch. Waldh., *Verh. Bot. Ver. Prov. Brandenb.* 22: 65 (1880)

H: In anthers of *Bellevalia romana*.

A recent segregate, restricted to *Bellevalia*. The host plant is listed (for *Ustilago vaillantii*) in UBI: 59 but neither voucher material nor the source of the record has been traced. **[UD5]**

tractemae Piątek & M. Lutz, in Piątek, Lutz, Smith & Chater, *IMA Fungus* 2(2): 139 (2011)

E: ! S: ! W: !

H: In anthers of *Scilla (Tractema) verna*.

D+I:

A segregate of *Ustilago vaillantii* s.l. based on DNA sequence evidence and apparently restricted to *S. verna*. Collections at K (1938 onwards) from Anglesey (Tre Gof), Ayrshire (Girvan), East Cornwall (Pentire Point), North Devon (Hartland Point), West Cornwall (Cadgwith and Mount's Bay), West Sutherland (Strathy Point) and Wigtownshire (Mull of Galloway). Patches of infected plants are conspicuous and can be abundant. To be expected wherever the host is found. **[UD6]**

vaillantii (Tul. & C. Tul.) R. Bauer et al., *Mycol. Res.* 112(11) : 1304 (2008)

Ustilago vaillantii Tul. & C. Tul.

E: ! W: !

H: In the anthers (and less often the ovaries) of *Muscari* spp.

A new combination for this species, previously widely interpreted but now restricted to smuts on *Muscari* spp. Sensu stricto, its distribution in the British Isles is not clear. *Ustilago scillae*, previously listed as a synonym, is considered a separate species (see above). **[UD4]**

Anthracoidea caryophylleae Kukkonen, *Ann. Bot. Soc. Zool.-Bot. Fenn. 'Vanamo'* 34(3): 53 (1963)

S: !

H: In ovaries of *Carex caryophyllea*.

D + I: Vánky: 26-27 43

Reported from Britain in UBI: 15; a single collection (1980) at E from South Aberdeenshire (Morrone). **[UD5]**

Anthracoidea heterospora (B. Lindeb.) Kukkonen
Cintractia heterospora B. Lindeb.

Cintractia carpophila (Schumach.) Liro [*comb. illegit.*]

Move to 'excluded' list (q.v.). **[UD4]**

Anthracoidea inclusa Bref., *Unters. Gesammtgeb. Mykol.* (Liepzig) 12: 143 (1895)

S: !

H: In ovaries of *Carex rostrata*, *C. vesicaria* and their hybrid (\times *involuta*).

D+I:

New record. Collections (2013) at K from Easternness (Abernethy Forest, Insh Marshes, Kincaig). **[UD6]**

Anthracoidea lasiocarpae B. Lindeb., in Kukkonen, *Ann. bot. Soc. Zool.-Bot. Fenn. Vanamo* 34(3): 85 (1963)

S: !

H: In ovaries of *Carex lasiocarpa*.

D+I:

New record. A collection (2013) at K from Easternness (Kincaig). **[UD6]**

Entyloma crepidis-rubrae (Jaap) Liro, *Ann. Acad. Sci. Fenn., Ser. A*, 42: 139 (1935)

E: !

H: In leaves of *Crepis capillaris*.

Omitted from published list. Material at K from Surrey (Elmbridge Cemetery), reported in Myc14: 188 (2000). **[UD1]**

Entyloma dactylidis (Pass.) Cif.

Name changed to *Jamesdicksonia dactylidis* (q.v.). **[UD1]**

Entyloma eschscholziae Harkn. [as '*eschscholtziae*'], *Bull. Calif. Acad. Sci.* 1(no. 1): 40 (1884)

E: !

H: In leaves of cultivated *Eschscholzia* (= *Eschscholtzia*) *californica*.

D+I: *New Disease Reports* 28: 10 (2013)
New record. Collections (2012) at K from Shropshire (Tibberton on cv. Summer Sun) and Surrey (Kew Gardens Plant Family Beds). See Henricot et al. [*New Disease Reports* 28: 10 (2013)] for further discussion. [UD6]

Entyloma fumariae J. Schröt., *Jber. schl es. Ges. vaterl. Kultur* 61: 176 (1884)

O: Channel Islands: !

H: In leaves of *Fumaria* sp.

D+I:

New record. Collections (2013) at K from Jersey (Plémont) and Guernsey (Le Creux ès Faïes and Pleinmont). [UD6]

Entyloma irregulare Johanson

Name changed to *Jamesdicksonia irregulare* (q.v.). [UD1]

Entyloma thalictri J. Schröt., in Cohn, *Krypt.-Fl. Schlesien* (Breslau) 3.1(17–24): 282 (1887) [1889]

E: !

H: In leaves of *Thalictrum flavum*.

D+I:

Omitted from printed checklist. A collection (19XX) at IMI from Norfolk (Ditchingham) and so in VC East Norfolk if North of R. Waveney. [UD6]

Exobasidium angustisporum Linder, *Bull. Nat. Mus. Can.* 97: 271 (1947)

S: !

H: On shoots and leaves of *Arctostaphylos alpinus* causing distortion and discolouring.

D: NM3: 81-82

Omitted from printed Checklist. There is Scottish material at E, det. B. Ing. [UD2]

Exobasidium pachysporum Nannf.

E: !

H: On leaves of *Vaccinium uliginosum*.

Move from 'excluded' list. A recent collection (2008) at K from Cumberland. Previously, but erroneously, recorded as British by Ing (1994) followed by Preece & Spooner (in Redfern *et al.*, 2002). [UD4]

Exobasidium splendidum Nannf., *Symb. bot. upsal.* 23: 58 (1981)

S: !

H: on deformed, bright red shoot tips of *Vaccinium vitis-idaea*.

A single record, from Perthshire (Black Wood of Rannoch) in 2003. [UD1]

Exobasidium unedonis Maire

Move to 'excluded' list. [UD5]

Exobasidium uvae-ursi (Maire) Juel, *Svensk bot. Tidskr.* 6: 386 (1912)

Exobasidium andromedae f. *uvae-ursi* Maire, *Bull. Soc. Bot. France* 55: 158 (1908)

S: !

H: On shoots and leaves of *Arctostaphylos uva-ursi* causing distortion and discolouring.

D: NM3: 82

New record. Reported from Aberdeenshire (2007), det. B. Ing. [UD2]

JAMESDICKSONIA Thirum., Pavgi & Payak, *Mycologia* 52: 478 (1961)

Georgefischeriales, Georgefischeriaceae

Type: *Jamesdicksonia obesa* (Syd. & P. Syd.) Thirum., Pavgi & Payak

dactylidis (Pass.) R. Bauer, Begerow, A. Nagler & Oberw., *Mycol. Res.* 105: 422 (2001)

Name change for *Entyloma dactylidis*. [UD1]

irregulare (Johanson) R. Bauer, Begerow, A. Nagler & Oberw., *Mycol. Res.* 105: 422 (2001)

Name change for *Entyloma irregulare*. [UD1]

Melanotaenium ari (Cooke) Lagerh.

Name changed to *Melanustilospora ari* (q.v.). [UD1]

MELANUSTILOSPORA Denchev,

Mycotaxon 87: 476 (2003)

Urocystales, Urocystaceae

Type: *Melanustilospora ari* (Cooke) Denchev

ari (Cooke) Denchev, *Mycotaxon* 87: 476 (2003)

Name change for *Melanotaenium ari*. [UD1]

NANNFELDTIOMYCES Vánky, *Sydowia* 34: 171 (1981)

Type: *Nannfeldtiomyces sparganii* (Lagerh.) Vánky

Nannfeldtiomyces sparganii (Lagerh.) Vánky,

Sydowia 34: 171 (1981)

Melanotaenium sparganii Lagerh., *Bull. Soc. mycol. Fr.* 15: 98 (1899)

E: !

H: English collections in living leaves of *Sparganium erectum* along canal, pond and ditch margins.

D+I: Vánky: 168-169 172-173

New record. Twenty-one recent (Jul-Aug 2010) collections at K from Dorset, North Hampshire, North Somerset, North Wiltshire, South Devon, South Somerset and South Wiltshire. [UD5]

PARVULAGO R. Bauer, M. Lutz, Piątek, Vánky & Oberw., *Mycol. Res.* 111(10): 1203 (2007)

Type: *Parvulago marina* (Durieu) R. Bauer, M. Lutz, Piątek, Vánky & Oberw., *Mycol. Res.* 111(10): 1203 (2007)

marina (Durieu) R. Bauer, M. Lutz, Piątek, Vánky & Oberw., *Mycol. Res.* 111(10): 1203 (2007)

Name changed from *Ustilago marina* following molecular phylogenetic analysis by authors of new combination. [UD6]

Thecaphora ulicis Vánky, *Mycol. Balcanica* 5(3): 130 (2008)

E: !

H: Sori in seeds of *Ulex minor*. The anamorph replaces pollen in the anthers of the same host.

Three British collections at K from Dorset (Stoborough & Wareham Heaths, 1961-1962) and South Hampshire (New Forest, 1982) previously referred to *T. deformans* but recently recognised as a distinct species. Holotype from Wareham Heath. [UD5]

Tilletia cerebrina Ellis & Everh., *J. Mycol.* 3(5): 55 (1887)

S: !

H: In ovaries of *Deschampsia*.

D+I:

New record. A Scottish collection (2012) from Clyde Isles (Isle of Bute). [UD6]

TILLETIOPSIS Bull. *Jard. Bot.*

Buitenzorg, Sér. 3, 17: 471 (1948)

Ustilaginales, Tilletiaceae

A genus of anamorphic yeasts close to the teleomorphic genus *Entyloma*. The species listed below, however, have no known teleomorphs.

[UD2]

Type: *Tilletiopsis washingtonensis* Nyland

Tilletiopsis minor Nyland, *Mycologia* 42: 489 (1950)

E: !

H: British material isolated ex leaves.

Omitted from printed Checklist. Probably widespread.

[UD2]

Tilletiopsis washingtonensis Nyland, *Mycologia* 42: 488 (1950)

E: !

H: British material isolated ex leaves.

Omitted from printed Checklist. Recorded for England (e.g. by Brady, *Trans. Brit. Mycol. Soc.* 43: 31, 1960; Ingold, *Trans. Brit. Mycol. Soc.* 83: 583, 1984) and probably widespread. [UD2]

Urocystis agropyri (Preuss) J. Schröt.

E: ! S: !

H: In leaves of *Agropyron repens*.

D: Vánky: 283

Sensu stricto this species is only found on *Agropyron repens*. The printed Checklist mistakenly gives the much longer host list (plus an additional reference) for *U. agropyri sensu lato*. [UD2]

Urocystis bolboschoeni Denchev, T. Denchev, Spooner & Legon, in Denchev, Denchev & Spooner, *Mycotaxon* 118: 249 (2011)

E: !

H: In leaves and leaf sheaths of *Bolboschoenus maritimus*.

A new species described from three collections at K (2010–2011) from estuarine grassland in South Devon (Budleigh Salterton, Otter Estuary). [UD6]

Urocystis bromi (Lavrov) Zundel

Move to 'excluded'. [UD1]

Urocystis filipendulae (Tul. & C. Tul.) J. Schröt.

Amend H: delete "and rarely on *F. ulmaria*". Delete comma from notes after "Rarely reported." [UD5]

Urocystis pulsatillae (Bubák) Moesz, *A Kárpát-Medence Úszöggombái*: 211 (1950)

Urocystis anemones f. *pulsatillae* Bubák, Arch. Přír. Výzk. Čech. 15(3):68 (1912)

E: !

H: In leaves of *Anemone pulsatilla* (*Pulsatilla vulgaris*).

D+I: Vánky: 302-303, 334

New record. A collection (2012) at K from chalk grassland in Hertfordshire (Therfield Heath). Previously recorded as *U. anemones* and listed on pasqueflower in UBI (p. 42) citing Moore (1959). Moore (p. 397) provides a 1931 record of *U. anemones* on pasqueflower (as *A. pulsatilla*) in Sussex. However, this is outside the native range of the host and so possibly referred to a cultivated or introduced plant, but no voucher material has been traced. [UD6]

Urocystis ulmariae (Liro) Vánky, *Symb. Bot. Upsal.* 24(2): 186 (1985)

Tuburcinia ulmariae Liro, *Ann. Univ. Fenn. Aboen.* 1: 88 (1922)

E: ! S: !

H: Sori in galled petioles and leaf veins of *Filipendula ulmaria*.

D+I: Vánky: 308, 342

Collections at K (1952-2010) from Angus (Loch of Kinnordy), Derbyshire (Lathkill Dale), East Perthshire (Blairgowrie), Kintyre (Stewarton) and South Somerset (Yeovil). Not previously distinguished from *U. filipendulae* on *F. vulgaris*. [UD5]

USTILAGO (Pers.) Roussel

Following Denchev & R.T. Moore (2006), species on dicot. herbs other than *Caryophyllaceae*, previously listed under *Microbotryum* or *Ustilago* in the printed checklist, have now been placed in the genus *Bauhinus* (q.v.) (*Urediniomycetes*). [UD1]

corcontica (Bubak) Liro, *Ann. Acad. Sci. Fenn., Ser. A*, 17: 383 (1924)

E: !

H: In leaves & culms of *Calamagrostis canescens*. New record. Two early collections from Norfolk, reported in *Myc.* 20: 92 (2006). [UD1]

duriaeana Tul. & C. Tul.

Name change. Now placed in the *Urediniomycetes* within the genus *Haradaea* (q.v.). [UD1]

marina Durieu

Name changed to *Parvulago marina* (q.v.) and delete the following from **Notes**: N.B. Possibly not a member of the *Ustilaginales*; may be a *Cladochytrium* *vide* Liro [Ann. Bot. Soc. Zool.-Bot. Fenn. 'Vanamo' 6: 10 (1935)] or a *Melanotaenium* *vide* Lindeberg [Symb. Bot. Upsal. 16 (2): 124 (1959)]. [UD6]

scrobiculata Liro, *Ann. Acad. Sci. Fenn., Ser. A*, 17: 68 (1924)

E: !

H: In leaves & culms of *Calamagrostis canescens*. New record. A single collection, from Norfolk, in 1970, reported in *Myc.* 20: 93 (2006). [UD1]

vallantii Tul. & C. Tul.

Move to the new genus *Antherospora* (above). [UD4]

Ustilentyloma fluitans (Liro) Vánky, *Microbiologia*, Bucuresti 1: 328 (1970)

Entyloma fluitans Liro, *Ann. bot. Soc. Zool.-Bot. fenn. Vanamo* 6(no. 1): 11 (1935)

S: !

H: Scottish collection in leaves of *Glyceria fluitans*.

D+I: FM 15(1): 8 (2014)

New record. A collection (2011) at K from the Outer Hebrides (Eidhbat Tulach) confirmed by DNA sequencing by M. Lutz. [UD6]

WALLEMIOMYCETES

WALLEMIA Johan-Olsen, *Skr.*

VidenskSelsk. Christiania, Kl. I, Math.-Natur.(no. 12): 6 (1887)

Type: *Wallemia ichthyophaga* Johan-Olsen, *Skr. VidenskSelsk. Christiania*, Kl. I, Math.-Natur.(no. 12): 6 (1887)

sebi (Fr.) Arx, *Gen. Fungi Sporul. Cult.* (Lehr): 166 (1970)

Sporendonema sebi Fr., *Syst. mycol.* (Lundae) 3(2): 435 (1832)

E: ! S: ! NI: !

H: Isolated from various substrata particularly those of low water availability such as dehydrated, sugary or salted foodstuffs, aerial dust, hay, paper, soil and textiles.

D+I:

New transfer to the Basidiomycota. Several collections (1921 onwards) in IMI. The spores are

highly allergenic and it has been implicated in human subcutaneous infections and respiratory disease. DNA analyses by Padamsee et al. [*Fungal Genet. Biol.* 49(3): 217-226 (2012)] support the hypothesis that *Wallemia* is the earliest diverging lineage of Agaricomycotina. **[UD6]**

ADDITIONS & AMENDMENTS TO LIST OF ALIEN TAXA

BASIDIOMYCETES

Chlorophyllum abruptibulbum (R. Heim) Vellinga, *Mycotaxon* 83: 416 (2002)
Name change from *Macrolepiota abruptibulba*. **[UD1]**

Coniophora marmorata Desm.
Moved from main list. British material is from buildings and a flower pot. **[UD1]**

Coprinopsis kimurae (Hongo & Aoki) Redhead, Vilgalys, & Moncalvo, *Taxon* 50: 228 (2001)
Name change from *Coprinus kimurae*. **[UD1]**

Coprinus kimurae Hongo & Aoki
Name changed to *Coprinopsis kimurae* (q.v.). **[UD1]**

Cystolepiota cystidiosa (A.H. Sm.) Bon
Delete as a separate entry. Placed in synonymy with *C. fumosifolia* (q.v.). **[UD2]**

Cystolepiota fumosifolia (Murrill) Vellinga, *Mycotaxon* 98: 226 (2006)[2007]
Lepiota fumosifolia Murrill, *Mycologia* 4: 233 (1912)
Cystolepiota cystidiosa (A.H. Sm.) Bon
Lepiota cystidiosa A.H. Sm
Cystolepiota luteicystidiata (D.A. Reid) Bon
Lepiota luteicystidiata D.A. Reid
Name change. An earlier name for the species previously listed as *Cystolepiota cystidiosa fide* Vellinga (*Mycotaxon* 98: 225-232, 2006). **[UD2]**

Echinoderma efibulis (Knudsen) Bon, *Doc. Mycol.* 21 (82): 62 (1991)
Lepiota efibulis Knudsen
A name change for the species previously listed as *Lepiota efibulis*. **[UD5]**

Echinoderma rubellum (Bres.) Migl., *Parliamo di Funghi* (Camaioire) Anno 8: 4 (2000)
Lepiota rubella Bres.
A name change for the species previously listed as *Lepiota rubella*. **[UD5]**

Hohenbuehelia leightonii (Berk.) Courtec., *Doc. Mycol.* 34(135-136): 50 (2008)

H: On wooden planks, "the boards of an old hovel" *fide* Leighton in a letter at K.

D: *Mycotaxon* 25(1): 59-60 (1986)
Move from main list. Amend combining author as earlier combination is invalid. Amend **H:**, add **D:** and add the following to Notes: A distinctive large-spored species, but most use of this name follows

K&M (1929) and instead refers to *H. unguicularis* (q.v.). Further discussion in Henrici [FM 10(4): 137 (2009)]. **[UD5]**

Lepiota efibulis Knudsen
Name changed to *Echinoderma efibulis* (q.v.). **[UD5]**

Lepiota rubella Bres.
Name changed to *Echinoderma rubellum* (q.v.). **[UD5]**

Macrolepiota abruptibulba (R. Heim) Heinem.
Name changed to *Chlorophyllum abruptibulbum* (q.v.). **[UD1]**

Perenniporia meridionalis Decock & Stalpers, *Taxon* 55(3): 769 (2006)
Collections discovered at K during type studies of a polypore-inhabiting ascomycete (*Chaenothecopsis tigillaris*) collected from King's Cliffe church roof by Berkeley in 1864. Although *C. tigillaris* has apparently not been collected since, further collections of *P. meridionalis* from construction timbers and likely to have been made indoors were found at K from Hertfordshire (Leavesden), Northamptonshire (King's Cliffe), Surrey (Haslemere) and North Wiltshire (Lucknam Grove). All were misdetermined as *P. medulla-panis*, now in the 'excluded' list. See Hawksworth et al. [*The Lichenologist* 46(6): 729-735 (2014)] for further details. **[UD6]**

Serpula pulverulenta (Sowerby) Bondartsev, *Botanicheskije Materialy* 12: 246 (1959)
Auricularia pulverulenta Sowerby
Merulius pulverulentus (Sowerby) Fr
Merulius lacrymans var. *pulverulentus*
Gyrophana pulverulenta (Sowerby) Bourdot & Galzin
Leucogyrophana pulverulenta (Sowerby) Ginns
Merulius tignicola Harmsen
Serpula tignicola (Harmsen) M.P. Christ.
A new combination for *Leucogyrophana pulverulenta*. Move from 'included', since in the British Isles the species appears to be restricted to conifer timber in buildings. Originally described from an outhouse in Norfolk (Norwich), but rarely recorded since. Collections in herb. K (identified by J. Ginns) from East Sussex and Northamptonshire. The Scottish collection noted in the printed Checklist has been redetermined as *Hydnomerulius pinastri*. **[UD4]**

Trametes cingulata Berk., *Hooker's J. Bot. Kew Gard. Misc.* 6: 164 (1854)

A single collection (1992) from Surrey (Kew, Royal Botanic Gardens) on a stump in the Princess of Wales Conservatory. [UD6]

Veluticeps abietina (Pers.) Hjortstam & Telleria
Move to list of non-alien taxa. [UD5]

UREDINIOMYCETES

Puccinia heucherae (Schwein.) Dietel, *Ber. Bayer. Bot. Ges.* 9: 42 (1891)

Recorded on leaves of *Heuchera* spp. in gardens in Hampshire, Kent & Surrey in 2004 and 2005, on nursery grown cultivars in 2005 and in a garden centre in Norfolk in 2009. See Henricot *et al.* (2006), *New Disease Reports* 13: 38. [UD5]

Uromyces croci Pass.

Move from list of non-alien taxa. [UD5]

USTILAGINOMYCETES

Urocystis bulbocodii Vánky, *Svensk Bot. Tidskr.* 69(2): 102 (1975)

Recorded (as *U. colchica*) on imported corms of *Bulbocodium vernum* (= *Colchicum bulbocodium*) in 1929 and 1937 (Moore 1959) but no voucher material has been traced. [UD6]

Urocystis trillii H.S. Jacks., *Mycologia* 12 (3): 151 (1920)

A single recent (2010) collection at K of sori in stem of *Trillium kurabayashii* plants in commercial cultivation outdoors in West Norfolk (King's Lynn). [UD5]