

# CBIB COMPENDIUM OF UPDATES UD1–14 (2006–2026)

Compiled by A.M. Ainsworth, 8th February 2026, incorporating A. Burnham's UD1–6 compilation

The online CBIB website was archived on 17 December 2025.

A series of Updates (UD1–14) has been issued since the printed book was published in 2005.

The series UD1–9 is now accessible at

[Index of/pub/data-repositories/basidiochecklist/files/Updates](https://pub/data-repositories/basidiochecklist/files/Updates)

The series UD1–12 is now accessible at

<https://fungi.myspecies.info/content/checklists>

together with the Compendia of Updates UD1–6 (Antony Burnham) and UD7–12 (AMA).

However, to access the Checklist in its entirety, one should consult the printed book published in 2005 followed by this Compendium of Updates UD1–14 which will be published in *Field Mycology* as a Supplementary file along with UD13 and UD14.

Corrections noted since the individual updates were uploaded to the website are shown in red herein. Locations of preserved collections are provided using the internationally recognised Herbaria/Fungaria acronyms, e.g. ABS, E, K and SAV, following Index Herbariorum <https://sweetgum.nybg.org/science/ih/herbarium-list/>.

**63 species (net) were added to the British & Irish list in the last year. This brings the total of net additions since the printed book (2005) to 876 species.**

## Bibliography

### Additions to Short References

- A&N4.** Antonín, V. & Noordeloos, M.E. (2010). *A monograph of marasmioid and collybioid fungi in Europe*. IHW Verlag. 478 pp.
- EurBol1.** Mikšík, M., Gelardi, M. & Simonini, G. (2025). *European boletes 1*. Prague: M. Mikšík/Fungi Press. 703 pp.
- F&M1.** Franchi, P. & Marchetti, M. (2021). *I funghi clavarioidi in Italia 1*. Trento: Associazione Micologica Bresadola. 664 pp.
- F&M2.** Franchi, P. & Marchetti, M. (2021). *I funghi clavarioidi in Italia 2*. Trento: Associazione Micologica Bresadola. 698 pp.
- FAN6.** Noordeloos, M.E., Kuyper, Th.W. & Vellinga, E.C. (eds) (2005). *Flora Agaricina Neerlandica 6*. Boca Raton: CRC Press. 227 pp.
- FN.** Knudsen, H. & Vesterholt, J. (eds). (2008). *Funga Nordica: agaricoid, boletoid and cyphelloid genera*. Copenhagen: Nordsvamp. 965 pp.
- FNE1.2.** Boertmann, D. (2010). *The genus Hygrocybe 2<sup>nd</sup> revised edition*. *Fungi of Northern Europe 1*. 200 pp.
- FungEur5A.** Noordeloos, M.E. (2004). *Entoloma s.l. (supplement)*. *Fungi Europaei 5A*. 618 pp.
- FungEur5B.** Noordeloos, M.E. *et al.* (2022). *Entoloma s.l. Flora agaricina neerlandica, vol. 1, (supplement), Fungi Europaei 5B*. Alassio: Candusso Editrice. 968 pp.
- FungEur10.** Bernicchia, A. (2005). *Polyporaceae s.l. Fungi Europaei 10*. 808 pp.
- FungEur12.** Bernicchia, A. & Gorjón, S.P. (2010). *Corticiaceae s.l. Fungi Europaei 12*. 1008 pp.
- FungEur14.** Beker, H.J., Eberhardt, U. & Vesterholt, J. (2016). *Hebeloma. Fungi Europaei 14*. 1218 pp.
- FungIpo.** Montecchi, A. & Sarasini, M. (2000). *Funghi ipogei d'Europa*. Associazione Micologica Bresadola. 714 pp.
- Lud1.** Ludwig, E. (2000). *Pilzkompodium Band 1. Abbildungen*. IHW Verlag. 192 pp.
- March4.** Marchand, A. (1976). *Champignons du Nord et du Midi 4*. Perpignan: Société Mycologique des Pyrénées Méditerranéennes. 264 pp.
- NCL3.** Orton, P.D. (1960). New Check List of British Agarics and Boleti (Part III). *Trans. Brit. Mycol. Soc.* 43(2): 159-439. [Note corrected author citation and pagination. This paper in TBMS is followed by NCL4 by Hora, F.B. on pages 440-459. The printed checklist (2005) erroneously states the pagination for NCL3 is 159-459 and authorship is Dennis, Orton & Hora).
- Ph2.** Phillips, R. (2006). *Mushrooms*. London: Macmillan. 384 pp.
- PhAm.** Phillips, R. (2005). *Mushrooms and other fungi of North America*. New York: Firefly Books. 319 pp.

**Sarn2.** Sarnari, M. (2005). *Monografia Illustrata del Genere Russula in Europa (Tomo Secondo)*. Associazione Micologica Bresadola. 768 pp.

#### Additions to Standard References

- Cadiñanos, J.A. (2004). *Cortinarius* subgen. *Phlegmacium* raros o interesantes. *Fungi non delineati* 29: 1-89.
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- Woods, R.G., Chater, A.O., Smith, P.A., Stringer, R.N. & Evans, D.A. (2018). Smut and Allied Fungi of Wales. A Guide, Red Data List and Census Catalogue. Aberystwyth: A.O. Chater. 83 pp.
- Woods, R.G., Chater, A.O., Stringer, R.N., Evans, D.A. & Smith, P.A. (2024). *Towards a handlist of microfungus parasites of vascular plants from Britain and Ireland and a census catalogue for Wales*. Aberystwyth: A.O. Chater. 393 pp. Available online: [www.aber.ac.uk/waxcap/downloads](http://www.aber.ac.uk/waxcap/downloads)
- Note: The distributions of several newly included species, based on data in the above publication, include data for “**I**” which, following Woods *et al.*, refers to the island of Ireland as a whole, marking a departure from our usual practice of distinguishing the two components **NI** and **ROI**.

## ADDITIONS & AMENDMENTS TO LIST OF INCLUDED TAXA

### **BASIDIOMYCOTA, AGARICOMYCOTINA**

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

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

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

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

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

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

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

Name changed from *Aleurodiscus norvegicus*.

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

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

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

Name changed from *Aleurodiscus apicans*.

**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 Massee (1892).

[UD1]

**Agaricus cappellianus** Hlaváček, *Mykologický Sborník* 64(4): 113 (1987)

*Agaricus campestris*  $\beta$  *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 crocodilinus** Murrill, *Mycologia* 4(6): 300 (1912)

Move *A. urinascens* (= *A. macrosporus* nom. illegit.) and *A. urinascens* var. *excellens* to the synonymy of this species following the DNA analysis of R.W. Kerrigan as incorporated in the taxonomy of Parra Sánchez (**FungEur1A**, 2013), which included a barcode sequence from a "future epitype" of *A. crocodilinus* collected from the type locality.

**Agaricus friesianus** L.A. Parra, Olariaga & Callac, *Fungi Europaei, Agaricus L., Allopsalliota Nauta & Bas* 1A(supl.): 517 (2013)

**NI: !**

**H:** In woodland soil.

A collection (2024) from Co. Fermanagh (Reilly Wood) determined by comparing (99.7%) its ITS sequence (M.-C. Valley) with that of the holotype.

**Agaricus gemlii** L.A. Parra, Arrillaga, Ribes & Callac, *Fungi Europaei, Agaricus L., Allopsalliota Nauta & Bas* 1A(supl.): 522 (2013)

**W: !**

**H:** Welsh collection on soil in cemetery grassland.

A collection (2022) in K from Pembrokeshire (Moylegrove) determined by comparing its ITS sequence (D.J. Harries, Aberystwyth University IBERS) with that generated from the holotype as documented in Harries [FM24(3): 77-82 (2023)].

**Agaricus greuteri** L.A. Parra, Cappelli & Kerrigan, *Fungi Europaei, Agaricus L., Allopsalliota Nauta & Bas* 1A(supl.): 345 (2013)

**E: !**

**H:** English collection on soil in broadleaved woodland glade. An albinistic collection (2020) in K from Oxfordshire (Henley-on-Thames) determined as this based on the perfect match between its ITS sequence (Alvalab) and that obtained from the holotype and documented in Fortey [FM22(1): 25-26 (2021)].

**Agaricus moelleroides** Guinb. & L.A. Parra, *Fungi Europaei* (Alassio) 1A: 109 (2013)

**W: !**

**H:** Welsh collection on cemetery compost heap.

A collection (2022) in K from Pembrokeshire (Fishguard) determined by comparing its ITS sequence (D.J. Harries, Aberystwyth University IBERS) with that generated from the holotype as documented in Harries [FM24(3): 77-82 (2023)].

**Agaricus ornatipes** Mua, M. Casula & M. Sanna, *Micol. Veg. Medit.* 32(1): 61 (2017)

**W: !**

**H:** Welsh collections in coastal grassland.

Two collections (2023) in K from Pembrokeshire (Angle and Marloes) determined by comparing their ITS sequences (D.J. Harries, Aberystwyth University IBERS) with that generated from the holotype as documented in Harries & Theobald [FM25 (1): 23-26 (2024)].

**Agaricus porphyrocephalus subsp. pallidus** (Kerrigan) Kerrigan, in Parra, Cappelli, Kerrigan & Bizio, *Micol. Veg. Medit.* 33(2): 76 (2019)

*Agaricus porphyrocephalus* var. *pallidus* Kerrigan, Mem. N.

Y. bot. Gdn 114: 292 (2016)

**W: !**

**H:** Welsh collection on soil in semi-improved grassland.

A collection (2022) in K from Pembrokeshire (Hundleton) determined by comparing its ITS sequence (D.J. Harries, Aberystwyth University IBERS) with that generated from the holotype as documented in Harries [FM24(3): 77-82 (2023)].

**Agaricus pseudoprattensis** (Bohus) Wasser, *Ukr. Bot. Zh.* 33: 250 (1976)

*Psalliota pseudoprattensis* 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 cappelianus* (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 (*fide* Kerrigan, *Mycologia* 97: 12-24, 2005) for the species previously listed as *A. rufotegulis*. **[UD1]**

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

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

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

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

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

**Agrocybe pusiola** (Fr.) R. Heim

**W: !**

**H:** On coastal dunes.

Move from 'excluded' list and replace existing **Notes** with: Listed by Rea (1922, as *Naucoria pusiola*), by NCL, and by BFF3 (as *Agrocybe pusilla*) but with no supporting evidence. A collection in K (2011) from Cardiganshire (Ynyslas) and reported (2017) in Carmarthenshire (Pembrey Burrows) by P.J. Roberts & S.E. Evans.

**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]**

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

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

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

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

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

**Aleurodiscus apricans** Bourdot

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

**Aleurodiscus botryosus** Burt

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

**Aleurodiscus delicatus** Wakef.

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

**Aleurodiscus norvegicus** J. Erikss. & Ryvarde

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

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

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

**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]**

**Alnicola salabertii** Bon & Boutev. ex P.-A. Moreau & Guy García, *Bull. trimest. Soc. mycol. Fr.* 120(1-4): 275 (2005) [2004]

**E:** !

**H:** In riverbank soil near *Alnus cordata*.

A collection (2024) in K from Middlesex (Kensington Gardens) determined by comparing (99.8%) its ITS sequence (A.S. Overall) with those published in Moreau *et al.* [*Molecular Phylogenetics and Evolution* (38): 794-807 (2006)]. Further details in Overall [FM26(3): 92-95 (2025)].

**Amanita elseides** Hanss, in Hanss & Moreau, *Bull. Soc. mycol. Fr.* 133: 101 (2020)

**E:** !

**H:** English collections on soil in broadleaved woodland.

Collections (2020, 2019 & 2020) respectively from Essex (Epping Forest), the Isle of Wight (Firestone Copse) and South Hampshire (Hursley Park) determined as this based on the perfect match between their derived ITS sequences (E. Janke and Alvalab) and that obtained from a paratype, later confirmed by P.-A. Moreau and documented in Kibby & Rogerson [FM22(1): 12-15 (2021)]. There is also a collection (2020) at K from Oxfordshire (Blenheim Estate) determined as this based on matching of its ITS sequence (A.Yu. Biketova) with that of a paratype (99.7%).

**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 (Ashtead 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 fulvoides** Neville & Poumarat, *Fungi Non Delineati*, Raro vel Haud Perspecte et Explorate Descripti aut Definite Picti 51-52: 44 (2009)

**E:** !

**H:** English collections on soil with conifers or broadleaved trees. Collections (2021 & 2020) in K respectively from East Sussex (Butcher's Wood) and North Wiltshire (Westonbirt) sequenced and determined as this by matching (R.E. Tulloss, A.Yu. Biketova & A.M. Ainsworth) with the corresponding sequence from the holotype. A further sequenced collection (2022) from East Sussex (Guestling Wood) also confirmed as this (A. Overall).

**Amanita gemmata** (Fr.) Bertill.

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

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

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

**Amanita grisea** Masee & 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 griseofulva** Hanss, P.-A. Moreau, Dima & D. Varga, in Varga, Hanss, Moreau, Kovács & Dima, *Mycol. Progr.* 23(no. 38): 10 (2024)

**E:** !

**H:** English collections in parkland and woodland soils including those with *Carpinus* and *Betula*.

Published as a British species in Varga *et al.* (2024) based on a previously unidentified ITS sequence, GenBank KM374392, recovered from a soil sample collected in Oxfordshire and originally published in Johnson *et al.* [*Forestry* 87: 705-717 (2014)]. Two collections (2014) in K from East Kent (Dering Wood) and Middlesex (Hampstead Heath) originally received labelled as *A. ?ochraceomaculata* and *A. simulans* respectively, but both subsequently filed in K as *Amanita* sp. based on their barcode sequence data (L.M. Suz, K. Liimatainen, A.M. Ainsworth), are now redetermined as this based on the similarity of their barcodes with that of the holotype.

**Amanita huijsmanii** F. Massart & Rouzeau, *Bull. Soc. linn. Bordeaux* 17(3): 159 (1990) [1989]

**E:** !

**H:** English collections on soil in broadleaved woodland or near parkland trees including *Quercus robur* and *Castanea sativa*. Collections (2006 & 2020) respectively from Berkshire (Windsor Great Park) and South Hampshire (Hursley Park) determined as this based on a comparison of their derived ITS sequences (K. Liimatainen & E. Janke) with that obtained from the holotype and documented in Kibby & Rogerson [FM22(1): 12-15 (2021)].

**Amanita opaca** Hanss, Dima, Bidaud & D. Varga, in Varga, Hanss, Moreau, Kovács & Dima, *Mycol. Progr.* 23(no. 38): 26 (2024)

**E:** !

**H:** English collections in ancient woodland soil near *Fagus sylvatica* or *Carpinus betulus*.

First published as a British species in Varga *et al.* (2024) who cited a pers. comm. from A. Overall. Overall's sequenced collection (Surrey, Richmond Park) is documented as *Amanita* sp. in Overall [FM22 (3): 79-84 (2021)]. One collection (2019) in K from East Gloucestershire (Buckholt Wood) originally filed in K as *Amanita* sp. based on its barcode sequence (A.Yu. Biketova), and now redetermined as this based on the similarity of its barcode with that of the holotype. Further details in Overall & Kibby [FM25 (4): 127-130 (2024)].

**Amanita reidiana** Tulloss, *Amanitaceae* 1(2): 4 (2015)  
*Amanita submembranacea* var. *bispora* D.A. Reid  
*Amanita castaneogrisea* Contu, *Micol. Veg. Medit.* 12(2): 146 (1997), nom. inval.

**E:** !

**H:** In woodland soil.

Move from synonymy of *A. submembranacea* and recognise as a distinct species. Two collections in K: the holotype (1980) of *A. submembranacea* var. *bispora* from Surrey (Mountain Wood) and a 2010 collection from Shropshire (Earl's Hill) determined by G.G. Kibby.

**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]**

**Amanita submembranacea** (Bon) Gröger

Remove var. *bispora* from synonymy and recognise as a distinct species *A. reidiana* (q.v.). Delete final sentence of **Notes**.

**Amanita subnudipes** (Romagn.) Tulloss, *Mycotaxon* 75: 329 (2000)

**E:** !

**H:** English collection on streamside soil under *Fagus* and *Quercus*.

New record. A collection (2017) at K from South Hampshire (Worts Gutter). Further details in Kibby [FM18(4): 139 (2017)].

**Amanita vladimirii** Ševčíková, Hanss & P.-A. Moreau, *Phytotaxa* 482(2): 164 (2021)

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

**H:** In soil under various broadleaved tree species.

Two collections (2013 & 2019) in K respectively from Montgomeryshire (Gregynog) and Oxfordshire (Harpsden Wood), originally determined respectively as *A. simulans* and *A. "lividopallenscens"*, were redetermined as this based on a comparison of their ITS sequences (K. Liimatainen & A.Yu. Biketova) with those generated from the holotype and paratypes.

**Amaurodon atrocyaneus** (Wakef.) Kõljalg & 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:** Kõljalg: 36-40

Move from 'excluded' list. A recent collection (2010) at K from South Hampshire (New Forest), confirmed by U. Kõljalg. 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. Kõljalg). 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 albolutescens* (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

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

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

**Antrodia carbonica** (Overh.) Ryvarden & 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 & Ryvarden, 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. Ryvarden. **[UD6]**

**Antrodia citrina** Bernicchia & Ryvarden  
Name changed to *Fibroporia citrina* (q.v.).

**Antrodia gossypium** (Speg.) Ryvarden  
Name changed to *Fibroporia gossypium* (q.v.).

**Antrodia macra** (Sommerf.) Niemelä

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

**Antrodia macra** (Sommerf.) Niemelä

**E:** !

**H:** English collection on attached dead branch of *Populus* sp. Move from 'excluded' list based on morphological and DNA barcode studies. A collection (2019) from North Hampshire (Odiham Common) yielded an ITS sequence (E. Janke) which was identical to that generated from *A. macra* sensu Tomšovský *et al.* (2009) collected on Czech *Salix*. This name, as currently applied, is likely to represent a species complex.

**Antrodia pseudosinuosa** A. Henrici & Ryvarden

Following sequencing of the English holotype, this should now be included as a synonym of *Trametopsis cervina* (q.v.). Further details in Henrici *et al.* [FM19(4): 116-118 (2018)].

**Antrodia vaillantii** (DC.) Ryvarden

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

**Antrodia xantha** (Fr.) Ryvarden

*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]**

**Antrodiella serpula** (P. Karst.) Spirin & Niemelä, *Mycotaxon* 96: 231 (2006)

**E:** !

**H:** English collections on wood of *Alnus glutinosa* lying on the ground.

Two collections (2020) from East Sussex (Guestling Wood & Stonelynk Wood), determined as this based on morphology and documented in Overall [FM21(4): 132-134 (2020)].

**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.).

**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]**

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

Name changed from *Phlebiella paludicola*.

**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]**

**subnitens** (Bourdot & Galzin) Jülich, *Persoonia* 10(3): 326 (1979)

**E:** !

**H:** English collections on dead fallen wood of *Picea*.

Two collections (2021) in K from Mid-west Yorkshire (Chevin Forest Park and Timble Ings) determined as this based on morphological characters (A.R. Simpson).

**APIOPERDON** (Kreisel & D. Krüger) Vizzini, in Vizzini & Ercole, *Phytotaxa* 299(1): 81 (2017)

Type: *Lycoperdon pyriforme* Schaeff.

**pyriforme** (Schaeff.) Vizzini, in Vizzini & Ercole, *Phytotaxa* 299(1): 81 (2017)

Name changed from *Lycoperdon pyriforme* following recent molecular studies [Vizzini & Ercole, *Phytotaxa* 299(1): 77-86. (2017)].

**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 cupulatoides** (Orton) I. Saar & Voitk, in Voitk, Saar, Burzynski & Corral, *Botany* 102(6): 257 (2024)

*Omphalina cupulatoides* P.D. Orton

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

**H:** In thalli of *Peltigera hymenina* with basidiomata usually developing from lower surface of lichen.

Move *O. cupulatoides* from synonymy of *A. peltigerina* (q.v.) and recognise as the distinct species *A. cupulatoides*.

Confirmed records from Dorset and Mid-Perthshire fide Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**Arrhenia glauca** (Batsch) Bon

**E:** !

**H:** In woodland soil.

Move from 'excluded' list and delete existing **Notes**. A collection (2023) from East Sussex (Gravetye Manor), initially suspected to be of *A. acerosa*, determined by comparing its ITS sequence (N. Aplin, SFG) with that of the epitype. Documented and illustrated in Allison [*Adastra 2023* (Sussex Biodiversity Record Centre): 5-6 (2024)].

**Arrhenia mohniensis** Voitk, Burzynski & I. Saar, in Voitk, Saar, Burzynski & Corral, *Botany* 102(6): 261 (2024)

**S:** !

**H:** In thalli of *Peltigera* species; Scottish material with *P. hymenina*.

Similar to *A. cupulatooides* (q.v.) and both may have been misdetermined as *A. peltigerina* (q.v.) in the past. Confirmed from Stirlingshire although currently very poorly known and may be much more widespread fide Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**Arrhenia obatra** (Favre) Redhead, Lutzoni, Moncalvo & Vilgalys

*Omphalia obatra* Favre

*Omphalina obatra* (J. Favre) P.D. Orton

Move to 'excluded' list and delete existing **Notes**. In the protologue, Favre described this as an alpine species (all his named localities are >2,000 m altitude) associated with dwarf willows e.g. *Salix herbacea*. Although accepted as British by Orton in NCL3, we think the anomalous habitat details associated with the English (Durham and Warwickshire) collections, described in the printed checklist (2005) as "On sandy soil amongst mosses, often in marshy areas", are sufficient grounds for its exclusion unless and until there is molecular evidence for its reinstatement.

**Arrhenia oniscus** (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys

Amend epithet ending to *-us*. *Arrhenia* is feminine but the epithet is a noun in apposition.

**Arrhenia oniscus** (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys

*Agaricus oniscus* Fr., *Observ. mycol. (Havniae)* 2: 209 (1818)

*Agaricus oniscus* Fr., *Syst. mycol.* 1: 172 (1821)

Delete **Notes** and move this name and its synonyms (note corrected citations of Fries' basionym and sanctioning work) to the synonymy of *Lichenomphalia umbellifera* (q.v.).

**Arrhenia peltigerina** (Peck) Redhead, Lutzoni, Moncalvo & Vilgalys

Move to 'excluded' list and delete existing **Notes**. This is now recognised as a North American species whereas *A. peltigerina* sensu auct. Brit. represents *A. cupulatooides* and *A. mohniensis* (q.v.).

**Arrhenia sphagnicola** (Berk.) Redhead, Lutzoni, Moncalvo & Vilgalys

Delete **Notes** and move this name and its obligate synonyms to the synonymy of *Lichenomphalia umbellifera* (q.v.). Move *Omphalina fusconigra* (= *Arrhenia fusconigra*) from its synonymy to that of *A. umbratilis* (q.v.). Move *O. gerardiana* from synonymy to the 'excluded' list.

**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]**

**Arrhenia umbratilis** (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys, *Mycotaxon* 83: 48 (2002)

*Arrhenia umbratilis* f. *cystidiata* C. Johnson & I. Saar, in

Voitk & Saar, *Sydowia* 77: 285 (2024)

*Omphalina fusconigra* P.D. Orton

*Arrhenia fusconigra* (P.D. Orton) P.-A. Moreau & Courtec.,

*Docums Mycol.* 34(nos 135-136): 48 (2008)

*Agaricus telmatiaeus* Berk. & Cooke

*Agaricus telmaticus* Cooke (*nom. illegit.*)

*Arrhenia telmatiaea* (Berk. & Cooke) Voitk & I. Saar, in

Voitk, Saar, Moncada & Lickey, *Mycol. Progr.* 21(6, no. 57): 24 (2022)

Replace **Notes** with: The application of this sanctioned name has recently been fixed. It now has a sequenced English neotype (G. Masseur's 1882 collection from Scarborough, the holotype of *Agaricus telmatiaeus*) designated in Voitk & Saar [*Sydowia* 77: 271-290 (2024)]. Move *Agaricus telmatiaeus* and its synonyms from the 'excluded' list. Furthermore, following the same authors, add *Omphalina fusconigra* (= *Arrhenia fusconigra*) to synonymy (move from synonymy of *A. sphagnicola*) based on their phylogenetic placement of its ex-holotype sequence. The Scottish collection of a cystidiate form which supported the inclusion of this species in UD6, documented in Johnson [FM 14(3): 96-97 (2013)], is now distinguished as f. *cystidiata* in Voitk & Saar [*Sydowia* 77: 271-290 (2024)] and becomes the holotype of this form.

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

Type: *Artomyces pyxidatus* (Pers.) Jülich

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

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

**D+I:** FM 14(1): 31-32 (2013)

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

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

**ASPROPAXILLUS** Kühner & Maire, *Bull. trimest. Soc. mycol. Fr.* 50: 13 (1934)

Type: *Aspropaxillus giganteus* (Sowerby) Kühner & Maire

This genus has been revived for *Leucopaxillus giganteus*.

**giganteus** (Sowerby) Kühner & Maire

Amend author name of basionym as above (and for all listed synonyms) and move this name to head the entry formerly headed by *L. giganteus* following the molecular study of Vizzini *et al.* [*Mycosphere* 3(1): 79-90 (2012)].

**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]**

**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]

**epiphylla** Pers.

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

*Fibulorhizoctonia centrifuga* (Lév.) 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* (Lév.) Bres., an illegitimate name for the supposed teleomorph, remains of uncertain application. [UD3]

**pyriformis** (M.P. Christ.) Jülich

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

**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]

**Athelopsis baculifera** (Bourdot & Galzin) Jülich

Move to 'excluded' list.

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

Name changed from *Leptosporomyces fusioideus*.

**ATRACTOSPOROCYBE** P. Alvarado, G. Moreno &

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

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

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

Name changed from *Clitocybe inornata*.

**Aurantiporus alborubescens** (Bourdot & Galzin) H. Jahn

Name changed to *Odoria alborubescens* (q.v.) following molecular studies showing that this species is not closely related to the type of *Aurantiporus* (*A. pilotae*, = *A. croceus*) [Papp & Dima, *Mycol. Progress* 17: 319–332. (2018)].

**Aureoboletus moravicus** (Václ. Vacek) Kľofac, *Öst. Z. Pilzk.* 19: 142 (2010)

*Boletus moravicus* Václ. Vacek

Name change for *B. moravicus* following EurBol1.

**BANKERA** Coker & Beers ex Pouzar

Move to synonymy of *Phellodon* (q.v.) following molecular studies and recombination of the generic type by Baird *et al.* [*Fungal Diversity* 62: 41–114 (2013)]

**fuligineoalba** (J.C. Schmidt) Coker & Beers ex 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]

Name changed to *Phellodon fuligineoalbus* (q.v.).

**violascens** (Alb. & Schwein.) Pouzar

Name changed to *Phellodon violascens* (q.v.).

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

**Incertae sedis, Bartheletiaceae**

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

**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]

**Biatoropsis hafellneri** Millanes, Diederich, M. Westb. & Wedin, *Herzogia* 29(2/1): 341 (2016)

**E: !**

**H:** This species appears to be confined to the *Usnea fragilesens* group of lichens (including *U. cornuta*), whereas *B. usnearum* is mainly confined to the *U. subfloridana* complex (incl. *U. glabrescens* and *U. wasmuthii*).

New record. The holotype (2004) was collected in West Cornwall (Lamorna Cove) on *Usnea cornuta*.

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

**Hymenochaetales, incertae sedis**

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

**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 corrugatus** Drumm.-Herdman & E.F. Malysheva, in Drummond-Herdman, Malysheva, Jakob, Szafián & Nagy, *Phytotaxa* 733(2): 157 (2025)

**S: !**

**H:** Scottish collections on old cow dung from upland grassland and made either *in situ* or following indoor incubation in damp chambers.

Described with a sequenced Scottish holotype (2025) in E from Midlothian (Caerketton Hill) and four sequenced Scottish paratypes (2024) in K from the holotype locality.

**Bolbitius excoriatus** Dähncke, Hauskn., Krisai, Contu & Vizzini, *Österr. Z. Pilzk.* 19: 122 (2010)

**S: !**

**H:** Scottish collection on cow or horse dung from upland grassland following indoor incubation in a damp chamber.

A Scottish sequenced collection (2024) in E and documented in Drummond-Herdman *et al.* [*Phytotaxa* 733(2): 155–171 (2025)].

**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 grisea** (Peck) Bondartsev & Singer, *Annls mycol.* 39(1): 47 (1941)

*Polyporus griseus* Peck, *Ann. Rep. N.Y. St. Mus. nat. Hist.* 26: 68 (1874) [1873]

**S: !**

**H:** On river bank soil.

A single collection (2017) in K from South Aberdeenshire (Inver) originally determined as *B. perplexa* (redet. based on ITS data analysis, K. Liimatainen & A.M. Ainsworth unpubl.).

**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]

**Boletopsis perplexa** Watling & Jer. Milne

This name was invalidly published and the current name is *B. watlingii* (q.v.).

**Boletopsis watlingii** Blanco-Dios, *Tarrellos* 20: 28 (2018)

This is a new name for *B. perplexa* which was invalidly published.

## BOLETUS L.

Following the generic segregation summarised in EurBol1, most of the entries formerly listed under *Boletus* should now be sought under the following generic names: *Butyriboletus*, *Caloboletus*, *Cyanoboletus*, *Hemileccinum*, *Hortiboletus*, *Imleria*, *Imperator*, *Lanmaoa*, *Neoboletus*, *Rheubarbariboletus*, *Rubroboletus*, *Suillellus* and *Xerocomellus* as outlined below.

**aestivalis** (Paulet) Fr.

Mis.: *Boletus reticulatus* sensu auct.

Move from synonymy of *B. reticulatus* to head the entry.

Unfortunately, neither of these two species' protologues, which seem to refer to two distinct species, is in complete agreement with the species in question. On the one hand, Schaeffer's German description of *B. reticulatus* includes a deviating blue bruising reaction seen in the basidiomatal flesh which, in some of the printed copies, is also supported by the accompanying painting. However, it is difficult to apply Schaeffer's name to any of the known blueing European boletes, hence some authors overlook the bruising reaction and retain this name. On the other hand, Paulet's illustration of *B. aestivalis* shows a stipe lacking any reticulum, another 'inconvenient' character which has to be overlooked when that name is adopted. Although each option has its advocates, in view of the influence that this authoritative work is likely to have in the near future, we are following EurBol1 and reinstating *Boletus aestivalis* as the correct name (noting that the opinions of the EurBol1 authors were not unanimous in this regard).

**appendiculatus** Schaeff.

See *Butyriboletus appendiculatus*.

**armeniacus** Quél.

See *Rheubarbariboletus armeniacus*.

**badius** (Fr.) Fr.

See *Imleria badia*.

**betulicola** (Vassilkov) Pilát & Dermek

Delete as a separate taxon and add to synonymy of *B. edulis* (q.v.). [UD4]

**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]

**bubalinus** Oolbekk. & Duin

See *Hortiboletus bubalinus*.

**calopus** Pers.

See *Caloboletus calopus*.

**chrysensteron** Bull.

See *Xerocomellus chrysensteron*.

**cisalpinus** (Simonini, H. Ladurner & Peintner) Watling & A.E. Hills

See *Xerocomellus cisalpinus*.

**declivatum** (C. Martín) Watling

See *Hortiboletus engelii*.

**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]

**depilatus** Redeuilh

See *Hemileccinum depilatum*.

**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]

**erythropus** Pers. 1796

This name was listed in the online checklist, but with the note that it is a *nomen dubium* lacking type material and having various interpretations. *Boletus erythropus* sensu auct. Brit. was listed as a misapplication under *B. luridiformis*. More recently, however, it was neotypified in Simonini *et al.* [*Bollettino A.M.E.R.* 100-101: 77-82 (2017)] using a sequenced recent collection of *B. queletii* Schulzer 1885. Following the rule of nomenclatural priority, *B. erythropus* thereby becomes the correct, but confusing, name for the well-known *B. queletii*. This outcome is, however, not acknowledged by the authors of EurBol1 who retain *B. erythropus* as a synonym of *Suillellus queletii* (q.v.). For *Boletus erythropus* sensu auct. Brit., see *Neoboletus praestigiator*.

**fechtneri** Velen.

See *Butyriboletus fechtneri*.

**ferrugineus** Schaeff.

Move *Xerocomus ferrugineus* from synonymy to head this entry.

**fragrans** Vittad.

See *Lanmaoa fragrans* (now moved to the 'excluded' list).

**fuliginus** Fr. (*nom. illegit.*)

Was in the 'included' list online but excluded in the printed book (2005). Note corrected author citation and name status (*nom. illegit.*) and move to 'excluded' list with synonyms and existing **Notes**.

**immutatus** (Pegler & A.E. Hills) A.E. Hills & Watling

Move to the synonymy of *Neoboletus praestigiator*.

**impolitus** Fr.

See *Hemileccinum impolitum*.

**legaliae** Pilát & Dermek

See *Rubroboletus legaliae*.

**luridiformis** Rostk.

See *Neoboletus praestigiator*.

**luridiformis var. discolor** (Quél.) Krieglst.

See *Neoboletus praestigiator* and *N. xanthopus*.

**luridus** Schaeff.

See *Suillellus luridus*.

**luridus var. rubriceps** (Maire) Dermek

Move to 'excluded' list. [UD6]

**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]**

**mendax** Simonini & Vizzini

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

See *Suillellus mendax*.

**moravicus** Václ. Vacek

See *Aureoboletus moravicus*.

**porosporus** Imler ex Watling

Note corrected author citation and see *Xerocomellus porosporus*.

**pruinatus** Fr.

Note corrected author citation and see *Xerocomellus pruinatus*.

**pseudoregius** (Heinr. Huber) Estadès

See *Butyriboletus fuscroseus*.

**pseudosulphureus** Kallenb.

See *Neoboletus praestigiator*. Now recognised as a colour form of this species, although some historical collections may represent yellow forms of *N. xanthopus*.

**pulverulentus** Opat.

See *Cyanoboletus pulverulentus*.

**queletii** Schulzer

See *Suillellus queletii*.

**radicans** Pers.

See *Caloboletus radicans*.

**regius** Krombh.

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

**regius** Krombh.

Move to 'excluded' list (as *Butyriboletus regius*) because the remaining British collection so-named in K (New Forest, Ashurst, Churchplace Inclosure) was redetermined as *Butyriboletus subappendiculatus* based on ITS sequence analyses (B.T.M. Dentinger, A.M. Ainsworth). Documented as non-British in Ainsworth *et al.* (2013)  
<https://hub.jncc.gov.uk/assets/f5cae2d1-b304-4020-921c-1c95d507f9c8>

**reticulatus** Schaeff.

Regard as a misapplied name under the entry now headed by *B. aestivalis*, which is the correct name following EurBol1. The name *B. reticulatus* was formerly preferred and widely applied to collections of this bolete. For further details see the entry for *B. aestivalis*.

**rhodopurpureus** Smotl.

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

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

Additional misapplied names. **[UD6]**

**rhodopurpureus** Smotl.

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

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

See *Imperator rhodopurpureus*.

**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]**

**rhodoxanthus** (Krombh.) Kallenb.

See *Rubroboletus rhodoxanthus*.

**ripariellus** (Redeuilh) Watling & A.E. Hills

See *Xerocomellus ripariellus*.

**rubellus** Krombh.

See *Hortiboletus rubellus*.

**satanas** Lenz

See *Rubroboletus satanas*.

**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]**

**subappendiculatus** Dermek, Lazebn. & J. Veselský

See *Butyriboletus subappendiculatus*.

**subtomentosus** L.

Move *Xerocomus subtomentosus* from synonymy to head this entry.

**torosus** Fr. & Hök

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

**xanthocyaneus** (Romain) Romagn.

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

**BONOMYCES** Vizzini, *Index Fungorum* 159: 1 (2014)

Type: *Bonomyces sinopicus* (Fr.) Vizzini, *Index Fungorum* 159: 1 (2014)

**arnoldii** (Boud.) P.-A. Moreau, Vizzini & P. Alvarado, in

Alvarado, Moreau, Sesli, Youcef Khodja, Contu &

Vizzini, *Cryptog. Mycol.* 39(2): 162 (2018)

*Clitocybe arnoldii* Boud., *Bull. Soc. mycol. Fr.* 10(1): 60 (1894)

**W:** !

**H:** On soil under *Prunus spinosa*.

A collection (2022) in K from Caernarvonshire (Bangor) was determined as this based on matching its barcode sequence (R.H. Woods, A.Yu. Biketova, A.M. Ainsworth) with those published in Alvarado *et al.* [*Cryptog. Mycol.* 39(2): 162 (2018)].

**sinopicus** (Fr.) Vizzini, *Index Fungorum* 159: 1 (2014)

*Clitocybe sinopica* (Fr.) P. Kumm.

Name change for *Clitocybe sinopica*.

**BOTRYOBASIDIUM** Donk

*Botryohypochnus* Donk

Add to synonymy.

**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]**

**isabellinum** (Fr.) D.P. Rogers

Name changed from *Botryohypochnus isabellinum*.

**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]**

**Botryohypochnus isabellinus** (Fr.) J. Erikss.

Name changed to *Botryobasidium isabellinum*.

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

Correction to date and place of publication. [UD4]

**limosa** Rostr.

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

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

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

Mis.: *Bovista limosa* sensu BritPuffb.

**E: ! W: !**

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

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

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

Recent molecular, ecological and morphological evidence

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

**BOVISTELLA** Morgan

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

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

Type: *Buglossoporus quercinus* (Schrud.) Kotl. & Pouzar  
Several DNA analyses [e.g. Han *et al.*, *Fungal Diversity*: 10.1007/s13225-016-0364-y (2016)] have shown that *Piptoporus quercinus* is not closely related to *P. betulinus* (the generic type) and so *Buglossoporus quercinus* is reinstated on the British list.

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

Name changed from *Piptoporus quercinus*.

**BURGELLOPSIS** Diederich &

Lawrey, *Lichenologist* 46(3): 344 (2014)

Type: *Burgellopsis nivea* Diederich & Lawrey

**nivea** Diederich & Lawrey, *Lichenologist* 46(3): 344 (2014)

**S: !**

**H:** Forming white bulbils over sterile, sorediate, crustose lichen growing on scree.

New record. The holotype in E was collected (2006) in East Lothian (Lammermuir Hills).

**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.

**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]

**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]

**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]

**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]

**BUTYRIBOLETUS** D. Arora & J.L.

Frank, *Mycologia* 106(3): 466 (2014)

Type: *Butyriboletus appendiculatus* (Schaeff.) D. Arora & J.L. Frank

The following species are now moved from *Boletus*.

**appendiculatus** (Schaeff.) D. Arora & J.L. Frank, *Mycologia* 106(3): 466 (2014)

**fechtneri** (Velen.) D. Arora & J.L. Frank, *Mycologia* 106(3): 466 (2014)

**fuscroseus** (Smotl.) Vizzini & Gelardi, in Vizzini, *Index Fungorum* 162: 1 (2014)

*Boletus pseudoregius* (Heinr. Huber) Estadès

*Butyriboletus pseudoregius* (Heinr. Huber) D. Arora & J.L. Frank

Move *B. pseudoregius* to the synonymy of this species following EurBol1.

**pseudoregius** (Heinr. Huber) D. Arora & J.L. Frank, *Mycologia* 106(3): 466 (2014)

*Boletus pseudoregius* (Heinr. Huber) Estadès

Move to the synonymy of *Butyriboletus fuscroseus* following EurBol1.

**subappendiculatus** (Dermek, Lazebn. & J. Veselský) D. Arora & J.L. Frank, *Mycologia* 106(3): 470 (2014)

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

Remove *Byssoporia* from synonymy.

**terrestre** (DC.) Bondartsev & Singer

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

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

Remove from synonymy of *Byssocorticium*.

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

Name changed from *Byssocorticium terrestre*.

**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** 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]

**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]

**CALOBOLETUS** Vizzini, *Index Fungorum* 146: 1 (2014)

Type: *Caloboletus calopus* (Pers.) Vizzini

The following species are now moved from *Boletus*.

**calopus** (Pers.) Vizzini, *Index Fungorum* 146: 1 (2014)

**kluzakii** (Šutara & Špinar) Vizzini, *Index Fungorum* 146: 1 (2014)

**E:** !

**H:** English collections in soil near *Fagaceae*.

Six collections (1991-2014) in K from Oxfordshire (Henley-on-Thames), South Hampshire (New Forest), Surrey (Brookwood & Richmond Cemeteries) and West Gloucestershire (Forest of Dean) originally determined or redetermined as *Boletus radicans*, were redetermined as this based on a comparison of their ITS sequences (K. King, D. Parfitt & L.M. Suz) with those generated from the holotype. Documented in Kibby & Ainsworth [FM23(3): 95-98 (2022)].

**radicans** (Pers.) Vizzini, *Index Fungorum* 146: 1 (2014)

**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]

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

**ochracea** (R. Haller Aar.) Bon, *Docums Mycol.* 29(no. 115): 33 (1999)

*Lyophyllum ochraceum* (R. Haller Aar.) Schwöbel & Reutter, *Z. Pilzk.* 35: 83 (1969)

*Lyophyllum favrei* f. *ochraceum* R. Haller Aar., *Schweiz. Z. Pilzk.* 30: 43 (1952)

**ROI:** !

**H:** In soil near broadleaved trees.

Two Irish collections (2003 & 2004) in DBN respectively from County Monaghan (Bellamont) and County Wicklow (Knocksink Wood).

**Calonarius hildegardiae** (Schmidt-Stohn, Brandrud & Dima) Niskanen & Liimat., in Liimatainen, Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity* 112: 131 (2022)

**E:** !

**H:** English collection on calcareous soil under *Carpinus*.

A collection (2023) in K from East Kent (Badgin Wood) determined by morphological examination and comparing its ITS sequence (99.8% match) with that of the holotype (M. Tortelli & C.V. Soler) as documented in Tortelli [FM25 (4): 131-136 (2024)]. Formerly combined in *Cortinarius*.

**Calonarius ochraceopallescens** (Moënné-Locc. & Reumaux)

Niskanen & Liimat., in Liimatainen, Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity* 112: 133 (2022)

*Cortinarius ochraceopallescens* Moënné-Locc. & Reumaux, in Bidaud, Moënné-Loccoz, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 613 (2001)  
*Cortinarius albovestitus* Bidaud, in Bidaud, Moënné-Loccoz, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 612 (2001)

**NI:** !

**H:** On soil.

A collection (2022) from Fermanagh (Crom Estate) determined by comparing its ITS sequence (99.6% match) with that of the holotype (D. Mitchel). The Crom material had a spore size range more closely matching that of *Cortinarius albovestitus* which, although currently regarded as a synonym, was originally described with smaller spores than *C. ochraceopallescens*. Furthermore, the Crom sequence was identical to that derived from the holotype of *C. albovestitus*, hence the Crom material is likely to be redetermined if the synonymy is rejected and two taxa are reinstated in the future (D. Mitchel).

**Calonarius odoratus** (Joguet ex M.M. Moser) Niskanen & Liimat., in Liimatainen, Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity*. 10.1007/s13225-022-00499-9, [45] (2022)

**E:** !

**H:** English collection on soil with *Quercus*, *Carpinus* and *Betula*.

A collection (2022) from East Kent (Badgin Wood) determined on morphological characters (M. Tortelli). Formerly combined in *Cortinarius*.

**Calonarius sublilacinopes** (Bidaud, Moënné-Locc. & Reumaux) Niskanen & Liimat., in Liimatainen, Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity* 112: 136 (2022)

**E:** !

**H:** English collection on calcareous soil under *Fagus*.

A collection (2023) from East Kent (Badgin Wood) determined by morphological examination and comparing its ITS sequence (99.4% match) with that of the holotype (M. Tortelli & C.V. Soler) as documented in Tortelli [FM25 (4): 131-136 (2024)]. Formerly combined in *Cortinarius*.

**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]

**CAMAROPHYLLOPSIS** Herink

Recent molecular and morphological studies [Birkebak *et al.*, *Mycologia* 108(5): 860-868 (2016), Adamčík *et al.*, *Mycological Progress* 16(1): 47-62 (2017) and Adamčík *et al.*, *Mycological Progress* 16(8): 811-821 (2017)] have justified the recognition of *Hodophilus* (q.v.) thus necessitating the

following moves from *Camarophyllopsis* (retaining *C. schulzeri*).

**atropuncta** (Pers.) Arnolds

Name changed to *Hodophilus atropunctus* (q.v.).

**atrovelutina** (Romagn.) Argaud, *Docums Mycol.* 31(no. 123): 47 (2002)

**E: ! W: !**

**H:** English collections on soil in sheep-grazed pasture.

Several collections (2021 to 2023) from South Lancashire (Turn Slack Clough) and South-west Yorkshire (Booth, Crimsworth Dean, Hebden Dale, Jack Bridge and Pecket Well) determined on morphological characters with a representative confirmed by S. Adamčík. Soil-derived barcode sequences of this species have been generated from acid grassland and maritime heath in North Devon (Lundy) as documented in Griffith *et al.* [*Journal of the Lundy Field Society* 7: 87-106 (2020)]. Reported from grassland in Pembrokeshire (Hundleton).

**foetens** (W. Phillips) Arnolds

Name changed to *Hodophilus foetens* (q.v.).

**hymenocephala** (A.H. Sm. & Hesler) Arnolds

Name changed to *Hodophilus hymenocephalus* (q.v.).

**micacea** (Berk. & Broome) Arnolds

Name changed to *Hodophilus micaceus* (q.v.).

**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**]

**Cantharellus aurora** (Batsch) Kuyper

Name changed to *Craterellus lutescens* (q.v.) following the taxonomic treatment in Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis (2009)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)]. Move *C. lutescens* from synonymy to replace the heading of this entry.

**Cantharellus cibarius**

Remove *C. pallens* (q.v.) from synonymy and recognise as a distinct species (and distinct from *C. ferruginascens*) following the taxonomic treatment in Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis (2009)], Olariaga *et al.* [*Fungal Diversity* 83(1): 263–292 (2016)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)]. Move *C. cibarius* var. *albidus* to synonymy of *C. pallens* following Olariaga *et al.* [*Fungal Diversity* 83(1): 263–292 (2016)].

**Cantharellus cinereus** (Pers.) Fr.

Name changed to *Craterellus cinereus* (q.v.) following the taxonomic treatment in Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis (2009)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)]. Move *Craterellus cinereus* (Pers.) Pers. from synonymy (with corrected recombining author's name) to head this entry.

**Cantharellus melanoxeros** Desm.

Name changed to *Craterellus melanoxeros* (q.v.) following the taxonomic treatment in Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis (2009)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)].

**Cantharellus pallens** Pilát

**E: !**

**H:** Occurs with broadleaved trees.

Remove from synonymy of *C. cibarius* and recognise as separate species. Move *C. cibarius* var. *albidus* from synonymy of *C. cibarius* following Olariaga *et al.* [*Fungal Diversity* 83(1): 263–292 (2016)]. Add the above details and

following **Notes**: "British distribution unclear due to historical confusion with pale varieties/forms of other species (photo labelled *C. pallens* in BritChant: 25 has been redetermined as *C. cibarius* var. *pallidus* in Olariaga *et al.* [*Cryptog. Mycol.* 36(3): 287–300 (2015)] and *C. ferruginascens* (photo labelled *C. ferruginascens* in Ph: 190 is likely to be an example of this). Perhaps the largest component of all the records previously assigned to *C. ferruginascens*. This group is now taxonomically clarified following the morphological and molecular studies of Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis (2009)] and Olariaga *et al.* [*Fungal Diversity* 83(1): 263–292 (2016)]. For further details see Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)]."

**Cantharellus romagnesianus** Eyssart. & Buyck, *Cryptog. Mycol.* 20(2): 108 (1999)

**E: !**

**H:** English collection in soil near *Quercus petraea* and *Betula* in woodland.

A collection (2017) at K from East Cornwall (Greenscombe Wood) confirmed as this by matching its barcode sequence with that of the holotype. Further details in Penna [FM19(4): 113–115 (2018)].

**Ceraceomyces eludens** K.H. Larss., in Larsson & Larsson, *Folia cryptog. Estonica* 33: 74 (1998)

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

**S: ! W: !**

**H:** On dead wood of coniferous and broadleaved trees.

**D+I:** FungEur12: 200

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

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

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

**S: !**

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

**D:** FungEur12: 201

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

**Ceraceomyces sublaevis** (Bres.) Jülich

Move to 'excluded' list.

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

**E: !**

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

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

**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]

**aurantiocarnescens** (Henn.) M. Pieri & B. Rivoire, *Bull. trimest. Soc. mycol. Fr.* 113(3): 206 (1997)  
*Poria aurantiocarnescens* Henn., *Verh. bot. Ver. Prov. Brandenb.* 40: 125 (1898) [1899]

**E:** !

**H:** On fallen trunk of *Fagus sylvatica*.

A collection (2018) at K from East Cornwall (Lerryn Woods) whose morphological identification was confirmed by DNA sequencing (K. Liimatainen unpubl.). The resulting ITS barcode was shown to be identical to that generated from a Czech specimen of *C. aurantiocarnescens* s. *Spirin et al. [Cryptog. Mycol.* 37(4): 421–435 (2016)].

**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. Trimestriell. 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) Ryvarde & 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. Ryvarde. This orange species is included *sensu* Ryvarde, the Friesian concept being 'cinereo-spadiceus'. [UD5]

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

**E:** !

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

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

**Ceriporiopsis herbicola** Fortey & Ryvarde

Following sequencing of the isotype, this should now be included as a synonym of *Hapalopilus eupatorii* (q.v.). Further details in Miettinen *et al. Mycokeys*, 17: 1–46 (2016).

**Ceriporiopsis myceliosa** (Peck) Ryvarde & 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]

## CHALCIPORUS Bataille

*Rubinoboletus* Pilát & Dermek

**rubinus** (W.G. Sm.) Singer

Move from synonymy of *R. rubinus* to head the entry.

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

Type: *Chamonixia caespitosa* Rolland

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

**W:** !

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

**D+I:** FM 17(2): 60–63 (2016)

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

## 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 cecoslov. houb.* 38: 103 (1961)

*Macrolepiota rhacodes* var. *bohémica*

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

*Beitr. Kenntn. 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]

**Chromocyphella lamellata** G. Moreno & Olariaga, in Moreno, G; Prieto, M; Esteve-Raventós, F; Olariaga, I, *Mycologia* 109(4): 583 (2017)

**S:** !

**H:** Scottish collection on living pleurocarpous moss on bark of *Picea sitchensis*.

New record. A collection (2018) at K from Dumfriesshire (Dryfehead) confirmed by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).

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

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

The following name changes from *Hygrocybe* are required:

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

Name changed from *Hygrocybe citrinopallida*.

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

Name changed from *Hygrocybe lilacina*.

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

Name changed from *Hygrocybe viola*.

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

Name changed from *Hygrocybe xanthochroa*.

**Chroogomphus britannicus** A.Z.M. Khan & Hora  
**E:** !

**H:** In soil in plantation of *Pinus sylvestris*.

Move from synonymy of *C. rutilus* and restore as a distinct species. This is known in Britain from its English holotype (1971) and paratype (1972) preserved in K from Berkshire (Benyon's Inclosure). The ITS2 sequence recovered from the paratype is discussed in Scambler *et al.* [*IMA Fungus* 9(2): 271-290 (2018)].

**Chroogomphus fulmineus** (R. Heim) Courtec., *Docums Mycol.* 18(no. 72): 50 (1988)

**S:** !

**H:** In soil near *Pinus*.

A collection (2017) in K from Morayshire (Aviemore), determined as this based on a comparison of its ITS sequence with that of the epitype in Scambler *et al.* [*IMA Fungus* 9(2): 271-290 (2018)].

**Chroogomphus mediterraneus** (Finschow) Vila, Pérez-De-Greg. & G. Mir, *Errotari* 3: 68 (2006)

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

**H:** In soil under *Pinus sylvestris* (one collection under *Larix*). Collections (2015, 2017 and 2003) respectively from Mid Perthshire (Black Wood of Rannoch), Monmouthshire (Hardwick Plantation) and South Aberdeenshire (Linn of Dee), originally determined as *C. rutilus* or *Chroogomphus* sp., redetermined as this based on a comparison of their ITS sequences with that of the epitype. The DNA sequence generated from the Linn of Dee collection is documented in Scambler *et al.* [*IMA Fungus* 9(2): 271-290 (2018)].

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

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

Add *Cortinarius rutilus* to synonymy. [**UD4**]

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

Move *C. britannicus* (q.v.) from synonymy as DNA barcoding has shown that it is a distinct species. Retain *C. corallinus*, which has an English holotype, as a synonym of *C. rutilus* but, for now, doubtfully listed as "*C. corallinus*" following the discussion in Scambler *et al.* [*IMA Fungus* 9(2): 271-290 (2018)].

**Chroogomphus subfulmineus** Niskanen, Loizides, Scambler & Liimat., in Scambler, Niskanen, Assyov, Ainsworth, Bellanger, Loizides, Moreau, Kirk & Liimatainen, *IMA Fungus* 9(2): 285 (2018)

**S:** !

**H:** In sandy soil in *Pinus* plantation.

Two collections (2003) from Morayshire (Culbin Forest), one originally determined as *C. rutilus* in Pickles *et al.* [*Molecular Ecology* 21(20): 5110-5123 (2012)], redetermined as this based on a comparison of their ITS sequences with that of the isotype in K which was collected in Cyprus. For further details, see Scambler *et al.* [*IMA Fungus* 9(2): 271-290 (2018)].

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

Type: *Cinereomyces lindbladii* (Berk.) Jülich

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

**lindbladii** (Berk.) Jülich

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

**Clavaria acuta** Sowerby

Name changed to *C. falcata* (q.v.).

**Clavaria amethystina** (Holmsk.) Bull. *Herb. Fr.* (Paris) 11: pl. 496, fig. 2 (1791)

**W:** !

**H:** In soil.

Accepted in the UK in Olariaga *et al.* [*Journal of Fungi* 11(7): 482; <https://doi.org/10.3390/jof11070482> (2025)] following Cotton & Wakefield [*Trans. Br. Mycol. Soc.* 6: 164-198 (1919)]. Fide Harries [*Pembrokeshire Fungus Recorder* issue 2/2025: 7 (2025)], this species has been detected in Welsh soil by eDNA analysis carried out by G.W. Griffith. This is one of the two species formerly lumped under the misapplied name *C. zollingeri* (q.v.).

**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 asperulispora** 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 asperulospora** G.F. Atk.

Note that the epithet has now been corrected to match the spelling used in the protologue. *Ramariopsis asperulospora* is now recognised as a synonym. A collection (2006) in K from West Lancashire (Eaves Wood) was sequenced (LSU only) and shown to cluster with those from other *Clavaria* spp. including a sequence derived from the generic epitype (see F&M1 for further details).

**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 calabrica** Franchi & M. Marchetti, *Riv. Micol.* 60(2): 102 (2017)

**E:** ! **NI:** !

**H:** In grassland soil.

A collection (2022) from Co. Antrim (Little Deer Park ASSI) determined by comparing its ITS sequence (D. Mitchel) with that of the holotype (99.7% similarity). Reported (2020-) from North Devon (Countisbury) and West Gloucestershire (Thornbury) determined on morphology (S. Harding).

**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 falcata** Pers.

Move from 'excluded' list to head the entry currently headed by *C. acuta* as it has an earlier basionym following F&M1. The ITS barcode of a Welsh collection ("Aelybryn") was published in Olariaga *et al.* [*Mycologia* 107(1): 104-122 (2015)] and determined as this. Note, however, that these authors labelled two highly divergent clusters containing European seqs as *C. falcata* s.l.

**Clavaria flavipes** Pers.

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

**Clavaria flavostellifera** Olariaga, Salcedo, Daniëls & Kautmanová, in Olariaga, Salcedo, Daniëls, Spooner & Kautmanová, *Mycologia* 107(1): 107 (2015)

**W:** !

**H:** Welsh collection in thin soil on coastal headland with very short vegetation.

New record. Macroscopically similar to *C. flavipes* (*C. straminea*) but with ellipsoid, not globose, spores. A collection (2016) at K from Pembrokeshire (Stackpole) confirmed by matching its barcode sequence with that of the holotype (B. Douglas unpubl.).

**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 messapica** Agnello, Kautman. & M. Carbone, *Riv. Micol.* 57(3): 197 (2015) [2014]

**E:** !

**H:** In grassland.

A collection (2024) from West Gloucestershire (Minchinhampton Common) determined on morphological characters by S. Harding.

**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 straminea** Cotton

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

**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]

**Clavaria tyrrhenica** Franchi & M. Marchetti, *Riv. Micol.* 60(2): 106 (2017)

**E:** !

**H:** English collection on soil.

A collection (2022) from the Isle of Wight (Cowes) determined as this based on a comparison of its ITS sequence (D.J. Harries) with that of the holotype.

**Clavaria violaceopulchra** Olariaga, L.A. Parra, Læssøe, Velasco, Kautman., Krus & Salcedo, *J. Fungi* 11(7, no. 482): 18 (2025)

**W:** !

**H:** Welsh collections in grassland soil or bare soil below conifer.

Two collections (2025) from Pembrokeshire (Crymych and Honeyborough Cemeteries) determined on morphology with DNA-based confirmation documented in Harries [*Pembrokeshire Fungus Recorder* issue 2/2025: 7 (2025)]. This is one of the two species formerly lumped under the misapplied name *C. zollingeri* (q.v.).

**Clavaria zollingeri** Lév.

Move to the 'excluded' list. The holotype material was found to have clamp connections and should therefore be accommodated in *Clavulinopsis*. This species is neither British nor Irish. The epithet has been misapplied in the CBIB area to two different species: *Clavaria amethystina* and *C. violaceopulchra* (q.v.). For further details see Olariaga *et al.* [*Journal of Fungi* 11(7): 482; <https://doi.org/10.3390/jof11070482> (2025)].

**Clavariadelphus truncatus** (Quél.) Donk

Move to 'excluded' list. [UD6]

**Clavicornia pyxidata** (Pers.) Doty

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

**Clavulicium delectabile** (H.S. Jacks.) Hjortstam

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

**Clavulina cinerea** (Bull.) J. Schröt.

Remove *Clavulina cinerea* var. *gracilis* from synonymy and recognise as separate species *Clavulina reae* (q.v.).

**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 coralloides** (L.) J. Schröt.

Remove *Clavulina cristata* var. *incarnata* from synonymy and recognise as separate species *Clavulina incarnata* (q.v.).

**Clavulina etrusciae** Franchi & M. Marchetti, *Riv. Micol.* 61(1): 11 (2018)

**W:** !

**H:** Welsh collection on soil under *Pinus sylvestris* in an otherwise broadleaved woodland.

A collection (2018) from Pembrokeshire (Hundleton) was determined as this based on a comparison of its barcode with that derived from the holotype (D.J. Harries) and confirmed by the authors of the name. This specimen was described and illustrated in Harries [FM22(2): 47-49 (2021)].

**Clavulina incarnata** (Corner) Olariaga, in Olariaga & Salcedo *Mycotaxon* 121: 38 (2013) [2012]

*Clavulina cristata* var. *incarnata* Corner

**E:** !

**H:** English type collections in fenland on soil and on rotting leaves of *Molinia* (Cambridgeshire).

Remove from synonymy of *C. coralloides* (as *Clavulina cristata* var. *incarnata*) and recognise as separate species. Add the above details and following **Notes**: "For further details see Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)]."

**Clavulina reae** Olariaga, in Olariaga & Salcedo *Mycotaxon* 121: 38 (2013) [2012]

*Clavulina cinerea* var. *gracilis* Rea

**E:** !

**H:** English type collections on bare soil in woods (Shropshire and Worcestershire).

Remove from synonymy of *C. cinerea* (as *Clavulina cinerea* var. *gracilis*) and recognise as separate species. Add the above details and following **Notes**: "For further details see Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis (2009)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)]."

**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 luteonana** Schild

Name changed to *Ramariopsis luteonana* (q.v.).

**Clavulinopsis luteo-ochracea** (Cavara) Corner

Name changed to *Ramariopsis luteo-ochracea* (q.v.).

**Clavulinopsis subtilis** (Pers.) Corner

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

**Clavulinopsis trigonospora** Franchi & M. Marchetti, *Index*

*Fungorum* 457: 1 (2020)

**E:** !

**H:** In grassland.

A collection (2024) from West Gloucestershire (Minchinhampton Common) determined on morphological characters by S. Harding.

**Clitocybe candicans** (Pers.) P. Kumm.

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

**Clitocybe catinus** (Fr.) Quéf.

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

**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 costata** Kühner & Romagn.

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

**Clitocybe ditopus** (Fr.) Gillet

Note that the 2005 printed book and Index Fungorum used the incorrect spelling *ditopa*, now regarded as an "orthographic variant" by, and now corrected in, Index Fungorum.

**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 geotropa** (Bull.) Quéf.

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

**Clitocybe gibba** (Pers.) P. Kumm.

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

**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 glareosa** Röllin & Monthoux

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

**Clitocybe houghtonii** (W. Phillips) Dennis

Name changed to *Leucocybe houghtonii* following the molecular study of Das *et al.* [*Cryptog. Mycol.* 38(3): 353-406 (2017)] which included a sequenced specimen in K from Surrey (West Molesey).

**Clitocybe inornata** (Sowerby) Gillet

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

**Clitocybe leucodiatreta** Bon

**E:** !

**H:** In leaf litter in mixed broadleaved woodland.

Move from 'excluded' list. A collection (2019) at K from Middlesex (Perivale Nature Reserve) determined as this by G.G. Kibby.

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

**E:** !

**H:** English collection on woodchip mulched cultivated beds.

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

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

**Clitocybe obsoleta** (Batsch) Quéf.

**E:** !

**H:** English collections on soil, usually in coniferous litter.

Move from 'excluded' list. Replace **Notes** with: "Collections (2014 & 2020) from Surrey (Englefield Green & Kew Gardens) determined as this based on morphology. This differs from the formerly adopted sensu auct. Brit. interpretation which is *C. fragrans*. For further details see Henrici & Kibby [FM15(4): 111-112 (2014)]."

**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 phaeophthalma** (Pers.) Kuyper

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

**Clitocybe pruinosa** P. Kumm.

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

**Clitocybe trulliformis** (Fr.) Quéf.

**E:** !

**H:** In grassland.

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

**Clitocybe vermicularis** (Fr.) Gillet

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

**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 abprunulus** S.P. Jian, M. Karadelev & Zhu L. Yang, in Jian, Karadelev, Wang, Deng & Yang, *Mycol. Progr.* 19(8): 810 (2020)

**E:** !

**H:** In calcareous soil in broadleaved woodland.

Described with an English paratype (1994) from Surrey (Norbury Park) which is preserved in K and was originally determined as *C. prunulus*.

**Clitopilus baronii** Consiglio & Setti, *Index Fungorum* 427: 1 (2019)

**E:** !

**H:** English collections on fallen wood of broadleaved trees or on dead basidiomata of wood-inhabiting aphyllorphoroid fungi. Three collections (2005, 2004 & 2012) respectively from Buckinghamshire (Ham Home Wood), North Hampshire (Thedden Copse) and South Somerset (Montacute Estate), all originally determined as *C. hobsonii* on morphological characters, redetermined as this based on a comparison of their ITS sequences (G. Consiglio & L. Setti) with that of the holotype.

**Clitopilus cystidiatus** Hauskn. & Noordel., *Öster. 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 (Harpsden 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.).

**Collybiopsis subpruinosa** (Murrill) R.H. Petersen, in Petersen & Hughes, *Mycotaxon* 136(2): 344 (2021)

**E:** !

**H:** English collection on buried debris beneath *Kalmia latifolia* in a garden.

A collection (2021) from East Sussex (Crawley) determined as this based on a comparison of its ITS sequence (N. Aplin) with those of this species sensu Antonín (MK646034) and Hughes & Petersen (e.g. DQ450027).

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

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

**E:** !

**H:** English collection on cow dung on heathland.

New record. A collection (2006) at K from Dorset (Lulworth Range).

**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]**

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

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

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

Name changed from *Hypoderma albocrema*.

**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]**

**cinnamomeotinctus** (P.D. Orton) D.J. Schaf., *Field Mycology* 13(3): 100 (2012)  
Name changed from *Coprinus cinnamomeotinctus*.

**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]**

**deliquescens** (Bull.) P. Karst., *Bidr. Känn. Finl. Nat. Folk* 32: 542 (1879)  
Mis.: *Coprinellus silvaticus* sensu auct.

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

**H:** In soil around stumps of broadleaved trees.

Move from 'excluded' list (as *Coprinus deliquescens*). Replace **Notes** with: "Widespread and frequent fide Kibby [*Mushrooms and toadstools of Britain & Europe vol. 3* (2021)]. Note that Cooke 665 (678) Vol. 5 (1886) seems to depict a small form of *Coprinopsis atramentaria*."

**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]**

**sassii** (M. Lange & A.H. Sm.) Redhead, Vilgalys & Moncalvo  
Move to 'excluded' list.

**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* (Quél.) 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]**

**alnivora** (Bogart) Voto, *Boll. Assoc. Micol. Ecol. Romana* 107(2): 94 (2019)

**E:** !

**H:** English collections in rot holes of *Fagus*.

A collection (2022) from South Hampshire (New Forest) determined as this based on a comparison of its ITS sequence (E. Janke) with that of the holotype (from USA) and with several European collections documented in Bednár *et al.* [*Phytotaxa* 542(2): 136-152 (2022)].

**alopecia** (Lasch) La Chiusa & Boffelli, in Boffelli, *Index Fungorum* 333: 1 (2017)

Name changed from *Coprinus alopecia*.

**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]**

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

Name changed from *Coprinus bellulus*.

**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]**

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

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

**E:** !

**H:** English collections on woodland soil.

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

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

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

**E:** !

**H:** English collection on incubated sheep dung.

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

**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]**

**cortinata** (J.E. Lange) Gminder, in Krieglsteiner & Gminder, *Die Großpilze Baden-Württembergs* (Stuttgart) 5: 650 (2010)  
Name changed from *Coprinus cortinatus*.

**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** (Quél.) P. Karst., *Acta Soc. Flora Faun. Fenn.* 2: 27 (1881) **[UD1]**

**gonophylla** (Quél.) 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]**

**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]**

**pannuccioides** (J.E. Lange) Örstadius & E. Larss., *Mycol. Res.* 112: 1180 (2008)

*Psathyrella pannuccioides* (J.E. Lange) M.M. Moser  
A change of genus for *Psathyrella pannuccioides*, based on molecular research [Larsson & Örstadius, *Mycol. Res.* 112(10): 1165-1185 (2008)]. [UD4]

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

**patouillardii** Quél.  
Move to *Narcissea* (q.v.).

**phaeospora** (P. Karst.) P. Karst, *Acta Soc. Flora Faun. Fenn.* 2: 27 (1881) [UD1]

**phlyctidospora** (Romagn.) Redhead, Vilgalys & Moncalvo, in Redhead, Vilgalys, Moncalvo, Johnson & Hople, *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]

**poliomalla** (Romagn.) Doveri, Granito & Lunghini, *Riv. Micol.* 48(4): 338 (2005)  
Name changed from *Coprinus poliomallus*.

**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 & Hople, *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]

**strossmayeri** (Schulzer) Redhead, Vilgalys & Moncalvo, in Redhead, Vilgalys, Moncalvo, Johnson & Hople, *Taxon* 50(1): 231 (2001)  
*Coprinus strossmayeri* Schulzer, *Verh. zool.-bot. Ges. Wien* 28: 430 (1879)

**E: !**

**H:** English collection on woodchip pile and likely to be invasive in suitable habitat.

New record. A collection (2017) at K from Warwickshire (Rugby). DNA analysis carried out by Douglas *et al.* [FM21(1): 5–10 (2020)] showed that a range of sequenced specimens named as *C. strossmayeri* fell into a series of discrete clusters. Currently it is not possible to determine which of these clusters represents the true *C. strossmayeri*, and hence the British collection has been temporarily determined as *C. strossmayeri* agg.

**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]

**trispota** (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]

- alopecia** Lasch  
Name changed to *Coprinopsis alopecia* (q.v.).
- bellulus** Uljé  
Name changed to *Coprinopsis bellula* (q.v.).
- cinnamomeotinctus** P.D. Orton  
Name changed to *Coprinellus cinnamomeotinctus* (q.v.).
- cortinatus** J.E. Lange  
Name changed to *Coprinopsis cortinata* (q.v.).
- lagopus var. vacillans** Uljé  
Name changed to *Coprinopsis lagopus* var. *vacillans* (q.v.).  
[UD5]
- patouillardii** Quéf.  
Name changed to *Coprinopsis patouillardii* (q.v.). Likely to be moved into a new segregate genus in future (D.J. Schafer pers. comm.).
- poliomallus** Romagn.  
Name changed to *Coprinopsis poliomalla* (q.v.).
- saccharomyces** P.D. Orton  
Name changed to *Coprinopsis saccharomyces* (q.v.). [UD5]
- sterquilinus** (Fr.) Fr.  
*Coprinus oblectus* (Bolton) Gray, *Nat. arr. Brit. pl.* 1: 634 (1821)  
Correct author citation and publication reference for *Coprinus oblectus*. [UD4]
- tuberosus** Quéf.  
Name changed to *Coprinopsis tuberosa* (q.v.). [UD5]
- vosoustii** Pilát, *Stud. Bot. Českoslav.* 5: 207 (1942)  
E: !  
H: English collection in loose sand by rabbit burrow.  
New record. A collection in K (2015) from West Cornwall (Penhale Army Camp).
- Coriopsis gallica** (Fr.) Ryvarden  
Name changed to *Trametes gallica* (q.v.).
- Corticium quercicola** Jülich  
Name changed to *Marchandiomyces quercinus* (see FM 16(1): 16 (2015)).
- CORTINARIUS** (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]
- acutispissipes** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 97(3): 172 (1981)  
E: !  
H: English collection in soil under *Quercus* and *Betula* in a cemetery.  
A collection (2005) at K from Surrey (Brookwood Cemetery) redetermined as this and confirmed by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).
- ainsworthii** Liimat. & Niskanen, in Hyde *et al.*, *Fungal Diversity* 100: 244 (2020)  
E: !  
H: In calcareous soils of woodland or downland associated with broadleaved trees, including *Quercus*, *Corylus* and *Fagus*, and probably *Helianthemum*.  
Described with a sequenced English holotype, now in K, collected from a *Helianthemum* bed near young *Quercus* in West Sussex (Devil's Dyke). This specimen was described and illustrated (as *Cortinarius* sp.) in Liimatainen & Ainsworth [FM19(4): 119-135 (2018)].
- alboadustus** Bidaud, in Bidaud, Carteret, Reumaux & Moënne-Loccoz, *Atlas des Cortinaires* (Meyzieu) 20: 1607 (2012)  
E: !
- H:** English collection in grassy soil near *Quercus robur*.  
One collection (2021) in K from Oxfordshire (Blenheim Estate) determined as this based on a comparison of its ITS sequence (A.Yu. Biketova, LGC) and that generated from the holotype (K. Liimatainen); they were identical.
- alboamarescens** Kytöv., Niskanen & Liimat., in Ariyawansa *et al.*, *Fungal Diversity*. 10.1007/s13225-015-0346-5, [192] (2015)  
E: !  
H: English collection on mixed woodland soil in moss under *Corylus*.  
New record. A collection (2015) at K from Surrey (Kew Gardens Conservation Area) confirmed by matching its ITS sequence with that from the type (Niskanen and Liimat. unpubl.).
- albocyanus** Fr., *Monogr. Hymenomyc. Suec.* (Upsaliae) 2(1): 62 (1863)  
E: !  
H: English collections in woodland soil near *Betula* or amongst *Helianthemum nummularium* on calcareous downland.  
Recent collections (2017) at K from East Sussex (Malling Down) and West Kent (Mereworth Woods) and collections redetermined as this (2002 onwards) from Buckinghamshire (Coombe Hill) and North Somerset (Walton Common) confirmed by matching their barcode sequences with that of the epitype. Further details in Liimatainen & Ainsworth [FM19(4): 119-135 (2018)]. Move from 'excluded' list and delete **Notes** with the exception of the last sentence.
- albolens** Bidaud, Carteret & Reumaux, in Bidaud, Carteret, Reumaux & Moënne-Loccoz, *Atlas des Cortinaires* (Meyzieu) 20: 1573 (2012)  
S: !  
H: Scottish collection in woodland soil under *Quercus*.  
A collection (1982) in K from Westernness (Kinlochmoidart), originally determined as *Cortinarius* sp., was redetermined as this based on matching its ITS barcode with that of the holotype (D-H. Wang, K. Liimatainen).
- albovariegatus** (Velen.) Melot, *Bull. trimest. Soc. mycol. Fr.* 95(3): 207 (1980) [1979]  
S: !  
H: Scottish collection in woodland soil near *Pinus*.  
A collection (1979) in K from "north of Perth", originally determined as *C. obtusus*, was redetermined as this s. Funga Nordica based on an analysis of its ITS sequence (D-H. Wang, K. Liimatainen).
- 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]
- aleuriosmus** Maire  
Move to 'excluded' list and move *C. carviolaceus* from synonymy to head this entry.
- 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]
- ammophiloides** Bohus, *Annls hist.-nat. Mus. natn. hung.* 71: 69 (1979)  
E: !

**H:** In woodland soil.

Occurrence in southern England verified by matching barcode sequence(s) with that of the holotype fide Kibby & Tortelli (2021).

**ammophilus** A. Pearson

Move to the synonymy of *C. desertorum* (q.v.).

**anomalus** (Fr.) Fr.

Three species to be removed from synonymy and recognised as distinct species based on molecular analyses: *Cortinarius azureovelatus* (q.v.) to be moved to the head of the current *C. xanthocephalus* entry with the latter reduced to a synonym, *C. epsomiensis* (q.v.), and *C. lepidopus* (q.v.).

**anthracinicolor** Reumaux, in Bidaud, Moëgne-Loccoz,

Reumaux, Carteret & Eyssartier, *Atlas des*

*Cortinaires* (Mezieu) 11: 570 (2001)

**E:** !

**H:** English collection on soil near *Carpinus*.

A collection (2020) from East Kent (Rice Wood) determined as this based on a comparison of its ITS sequence (Alvalab & K. Liimatainen) with that obtained from the type.

**aptecohaerens** Rob. Henry, *Bull. trimest. Soc. mycol.*

*Fr.* 99(1): 91 (1983)

**S:** !

**H:** Scottish collection on soil under *Pinus*.

A collection (2020) from Morayshire (Nethy Bridge) determined as this based on a comparison of its barcode sequence with that of the type (G.G. Kibby, M. Tortelli & K. Liimatainen).

**aquilanus** T.S. Jeppesen & Frøslev, *Mycotaxon* 106: 470

(2009) [2008]

**E:** !

**H:** With *Fagus* on chalk.

A collection (2021) in K from Surrey (Sheeples) determined as this based on a comparison of its ITS sequence (Avalab) with that of the holotype.

**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]

**argutus** Fr.

**E:** !

**H:** In soil near *Populus*.

Move from 'excluded' list. Add the above details and replace

**Notes** with: "Two collections (2005 & 2013) in K, respectively from Hertfordshire (Gobions Wood) and Shropshire (Ironbridge) morphologically determined by G.G. Kibby. *Sensu* Rea (1922) is doubtful and the few collections named thus in K need reappraisal."

**armeniacus** (Schaeff.) Fr.

**S:** !

**H:** In soil associated with *Picea*.

Move from 'excluded' list. Replace **Notes** with: "Several collections (2020) from Morayshire (Nethy Bridge) determined as this based on a comparison of its barcode sequence with that of the type (G.G. Kibby, M. Tortelli & B. Dima)."

**arvinaceus** Fr.

Move to 'excluded' list. [UD5]

**atroalbus** M.M. Moser, *Sydowia* 45(2): 282 (1993)

**S:** !

**H:** Scottish collection in woodland soil near *Picea*.

A collection (2021) in K from Caithness (Dunnet Forest) was determined as this based on matching its barcode sequence with that derived from the type (D-H. Wang, K. Liimatainen).

**aurae** Niskanen & Liimat., in Hyde *et al.*, *Fungal Diversity* 100: 247 (2020)

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

**H:** In soil of woodlands dominated by conifers, including *Pinus* with *Betula*, and broadleaved trees, including *Castanea sativa*. Described with a sequenced Scottish holotype, now in K, from Mid Perthshire (Black Wood of Rannoch) and an English paratype from West Kent (Mereworth Woods), the latter originally determined as *C. fageturnum* (q.v.).

**aurantiobasalis** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires*, Pars V (Annecy): 150 (1993)

**E:** !

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

A collection (2006) at K from West Kent (Bedgebury Pinetum) redetermined as this and confirmed by matching its barcode sequence with that derived from material representing *C. aurantiobasalis* *sensu* Garnica (K. Liimatainen unpubl.).

**aureocalceolatus** M.M. Moser & Peintner, *Journal des JEC*,

Journées Européennes du Cortinaire 5(no. 4): 30 (2002)

**E:** !

**H:** In soil near *Fagus sylvatica*.

One collection (2010) in K from Buckinghamshire (Moussels Wood), originally determined as *C. magicus*. Redetermination based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**azureovelatus** P.D. Orton

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

**H:** Scottish and English (type or barcode verified) collections from broadleaved or mixed woodland from a range of habitats.

Move from synonymy of *C. anomalus* to the head of the current *C. xanthocephalus* entry with the latter reduced to a synonym. Amend the author's name to P.D. Orton. Replace **Notes** with: Verified as British based on matching of sequences (K. Liimatainen unpubl.) with those obtained from the British holotypes of *C. azureovelatus* and *C. xanthocephalus*. The former is the earlier (1958 vs. 1960) of the two Orton names and therefore takes priority.

**balteatus** Fr.

**S:** !

**H:** In soil with *Pinus sylvestris*.

Move from 'excluded' list (delete associated **Notes**). A collection (2021) at K from Easternness (Nethy Bridge) determined as this by matching its barcode sequence with that derived from the type (Alvalab).

**bergeronii** (Melot) Melot, *Docums Mycol.* 22(no. 85): 20 (1992)

*Cortinarius cedretorum* var. *bergeronii* Melot, *Docums Mycol.* 20(no. 77): 94 (1989)

**E:** !

**H:** On chalky soil.

Two collections (2019) at K from East Kent (Stockbury) and Oxfordshire (Harpsden Wood) determined by M. Tortelli based on morphological characters.

**betuletorum** M.M. Moser

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

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

**S:** !

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

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

**britannicus** Liimat. & Niskanen, in Hyde *et al.*, *Fungal Diversity* 100: 247 (2020)

**S:** !

**H:** Scottish collection on gley soil under planted *Fagus sylvatica*.

Described with a sequenced Scottish holotype, now in K, collected in Caithness (Olrig Wood).

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

**S:** !

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

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

**brunneotinctus** Niskanen, Liimat., Ammirati, André Paul & Lebeuf, in Niskanen, Liimatainen, Kytövuori & Ammirati, *Botany* 90(8): 745 (2012)

**S:** !

**H:** On acid soil with *Betula* and conifers.

Occurrence in Scotland based on morphological evidence fide Kibby & Tortelli (2021).

**brunneotinctus** Niskanen, Liimat., Ammirati, André Paul & Lebeuf

Move to 'excluded' list. Further details in Kibby & Tortelli [FM26(2): 57-59 (2025)].

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

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

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

Correct author citation and publication reference. [UD4]

**caerulescens** (Schaeff.) Fr.

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

Add *Cortinarius cyanus*  $\beta$  *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]

**calcofractus** Liimat. & Niskanen, in Niskanen & Liimatainen, *Index Fungorum* 528: 1 (2022)

**E:** !

**H:** English collection on thin soil overlying limestone with *Quercus* and *Corylus*.

Described with a sequenced English holotype in K. This was originally determined as *C. infractus* collected in 1991 from West Lancashire (Gait Barrows).

**caledoniensis** P.D. Orton

Move to synonymy of *C. sphagnophilus* q.v.

**caligatus** Malençon, in Malençon & Bertault, *Champignon Supérieurs du Maroc* 1: 482 (1970)

**E:** !

**H:** English collection on chalky woodland soil under *Carpinus betulus* with large *Quercus* nearby.

A collection (2018) at K from East Kent (Badgin Wood) determined as this based on morphological characters and documented in Tortelli & Pitt [FM20(4): 137–140 (2019)].

**caligatus** Malençon

Move to 'excluded' list following the introduction of this name in Tortelli & Pitt [FM20(4): 137–140 (2019)]. Vouchers now redetermined as *C. squameoradicans* (q.v.) by M. Tortelli & G.G. Kibby on morphological and ecological evidence.

**caliginosus** Bidaud, Moëgne-Locq. & Reumaux, in Bidaud, Moëgne-Locq., Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 10: 514 (2000)

**E:** !

**H:** Collection in K on soil near *Quercus* sp.

One collection (2004) in K from North Hampshire (Thedden Copse), originally determined as *C. castaneus* var. *erythrinus* (cf.). Redetermination based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen). A more recent (2019) collection from West Sussex (Crawley) also determined as this based on an ITS sequence which was identical to that of the holotype (N. Aplin).

**camptoros** Brandrud & Melot

Move to 'excluded' list.

**caperatus** (Pers.) Fr.

*Rozites caperatus* (Pers.) P. Karst

Name change, as above. [UD2]

**carviolaceus** P.D. Orton

Move from synonymy of *C. aleuriosmus* to the head of the entry.

**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]

**castaneolens** Chevassut & Rob. Henry, *Docums Mycol.* 12(no. 47): 37 (1982)

**S:** !

**H:** Scottish collection in soil near *Pinus* and *Betula* in woodland with *Sphagnum*.

A collection (2005) at K from Easterness (Loch Garten)

redetermined as this and confirmed by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).

It is possible that further molecular analysis will reveal an earlier name for this species.

**castaneus** (Bull.) Fr.

**E:** !

**H:** English collection on grassland soil with *Helianthemum* and *Quercus*.

Move from 'excluded' list. Replace **Notes** with: "A collection (2005) from South Wiltshire (Martin Down) determined as this based on a comparison (two differences) of its ITS sequence (K. Liimatainen) with that obtained from the neotype. This may be part of a species complex since the ITS sequence was identical to that derived from the holotype of *C. dunensis*."

**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]

**cedretorum** Maire

Replace **Notes** with: "This species was originally described as an associate of cedars and the British collections (with *Fagus* on calcareous soil) are likely to be misdetermined *C. bergeronii*. If the two species are shown to be synonymous, the name *C. cedretorum* would take priority."

**chrysomallus** Lamoure

Move to 'excluded' list.

**cinereobrunneolus** Chevassut & Rob. Henry, *Docums Mycol.* 12(no. 47): 53 (1982)

**E:** !

**H:** On soil near *Betula* and *Quercus*.

A collection (2014) in K from Middlesex (Hampstead Heath), originally determined as *C. diosmus*, redetermined as this by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.). Further details in Kibby *et al.* [FM20(1): 12–20 (2019)].

**circinans** Rob. Henry, *Docums Mycol.* 16(no. 61): 27 (1985)

**S:** !

**H:** Scottish collection in mossy soil near planted *Picea* sp.

A collection (2017) at K from West Sutherland (Borgie Forest) redetermined as this and confirmed by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).

**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]**

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

**E: !**

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

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

**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]**

**collinitoparvus** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 79(3): 293 (1963)

*Cortinarius rickenii* Rob. Henry ex Bidaud, Moëgne-Locq. & Reumaux, in Bidaud, Moëgne-Locq., Reumaux & Henry, *Atlas des Cortinaires* (Mezieu) 10: 493 (2000)

**E: !**

**H:** English collection on soil near *Fagus* and *Quercus*. A collection (2019) in K from Buckinghamshire (Marlow Common) confirmed as this by matching its barcode sequence (A.Yu. Biketova, LGC, K. Liimatainen) with that of the holotype (identical).

**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]**

**collocandoides** Reumaux, in Bidaud, Moëgne-Locq., Reumaux & Carteret, *Atlas des Cortinaires* (Mezieu) 18(1, 2): 1377 (2009)

**E: !**

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

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

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

**colossipes** Reumaux, in Bidaud, Henry, Moëgne-Locq. & Reumaux, *Atlas de Cortinaires 3* (Annecy): 70 (1991)

**E: ! S: !**

**H:** British collections in soil near *Fagaceae* or *Pinus*. Recent collections (2017) at K from East Sussex (Guestling Wood & Sheffield Park) and redetermined collections (2006 onwards) from Caithness (Olrig Wood) and Surrey (Esher Common, White Down) confirmed by matching their barcode sequences with that of the holotype (K. Liimatainen unpubl.).

It is possible that further molecular analysis will reveal an earlier name for this species.

**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) **[morphology]**. **[UD6]**

**comptulus** M.M. Moser

**E: ! S: !**

**H:** Scottish collection on soil in *Pinus*-dominated woodland with some *Betula*.

Move from 'excluded' list. Replace **Notes** with: "A collection (2015) from Mid Perthshire (Black Wood of Rannoch) determined as this based on a comparison of its ITS sequence (K. Liimatainen & T. Niskanen) with that obtained from the holotype. There is also a verified English collection awaiting accession."

**confirmatus** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 99(1): 67 (1983)

**E: !**

**H:** English collection fruiting in soil amongst *Helianthemum nummularium*.

A collection (2008) at K from North Somerset (Cross Plain) determined as this by matching its barcode sequence with that of the holotype. Further details in Liimatainen & Ainsworth [FM19(4): 119-135 (2018)].

**conicus** (Velen.) Rob. Henry

Move *C. conicus* s. auct. Brit. and s. CFP 3 (1994) pl. C38 to synonymy of *C. rubricosus* and replace associated **Notes** with: following sequencing and redetermination of the single voucher collection in K (from East Sussex, Rye) which was supporting the inclusion of *C. conicus* in CBIB (K. Liimatainen unpubl.).

**corvinus** Reumaux, in Bidaud, Carteret, Reumaux & Moëgne-Locq., *Atlas des Cortinaires* (Mezieu) 20: 1607 (2012)

**E: !**

**H:** English collection in dried out *Salix* pond. A collection (2019) in K from West Kent (Hayes Common) was determined as this based on matching its barcode sequence with that derived from the type (D-H. Wang, K. Liimatainen).

**cremeoglobosus** Rob. Henry, *Docums Mycol.* 19(no. 73): 67 (1988)

**E: !**

**H:** In soil near *Betula*.

A collection (2015) in K from West Kent (Angley Wood) sequenced and determined by K. Liimatainen.

**cystidiophorus** Reumaux, in Bidaud, *Docums Mycol.* 23(no. 90): 45 (1993)

**E: !**

**H:** In soil near *Carpinus betulus*.

One collection (2000) in K from Hertfordshire (Stevenage), originally determined as *C. obtusus*. Redetermination based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**danili** Rob. Henry

Move to 'excluded' list.

**daulnoyae** (Qué.) Sacc., in Saccardo & Traverso, *Syll. fung.* (Abellini) 19: 449 (1910)

*Cortinarius cumatilis* var. *daulnoyae* Qué., *C. r. Assoc.*

*Franç. Avancem. Sci.* 18(2): 510 (1890) [1889]

*Cortinarius herculeolens* Bidaud, in Bidaud, Moëgne-Locq., Reumaux & Henry, *Atlas des Cortinaires* (Mezieu) 8: 293 (1996)

*Cortinarius chromatophilus* Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 105(1): 97 (1989)

**E: !**

**H:** On soil in deciduous woodland. British material associated with *Carpinus betulus*.

Move *Cortinarius herculeolens* to synonymy of this species and add *C. chromataphilus*. A collection (2003) at K from East Kent (Putt Wood), originally determined as *C. herculeolens*, and a new collection (2019) from the same site. Both were sequenced and the resulting ITS barcodes matched those derived from the holotypes of *C. chromataphilus* and *C. herculeolens* and the epitype of *C. daulnoyae* (K. Liimatainen unpubl.).

**decipientoides** Moëgne-Locc. & Reumaux, in Reumaux & Moëgne-Loccoz, *Bull. trimest. Féd. Mycol. Dauphiné-Savoie* 28(no. 111): 23 (1988)

?

**H:** In woodland soil.

Occurrence in Britain verified by matching barcode sequence(s) with that of the holotype fide Kibby & Tortelli (2021).

**desertorum** (Velen.) G. Garnier, *Bibliographie des Cortinaires. D - O*. 18 (1991)

*Cortinarius diasemospermus* var. *leptospermus* H. Lindstr.

*Cortinarius pertristis* J. Favre

*Cortinarius ammophilus* A. Pearson

**E:** ! **S:** ! **ROI:** !

**H:** On soil with *Salix* spp. in a range of habitats including woodland, coastal sand and montane peat.

Move the three taxa listed above, all previously included with separate entries in CBIB, to the synonymy of this species following the molecular analysis in Liimatainen *et al.* [*Fungal Diversity* 104:291-331 (2020)] with further details available in Kibby & Tortelli (2021).

**diabolicorigens** Bohus, *Annls hist.-nat. Mus. natn. hung.* 68: 56 (1976)

**E:** !

**H:** English collection on soil in broadleaved woodland (*Betula*, *Corylus* and *Quercus*).

A collection (2020) from West Kent (Hartley Wood) determined as this based on a comparison of its barcode sequence with that of the type (G.G. Kibby, M. Tortelli & K. Liimatainen).

**diabolicus** (Fr.) Fr., *Epicr. syst. mycol.* (Upsaliae): 285 (1838) [1836-1838]

**E:** !

**H:** In soil near *Betula*.

Move from 'excluded' list and delete existing **Notes**. A collection (2015) in K from West Kent (Shorne Woods Country Park) sequenced and determined by K. Liimatainen & T. Niskanen.

**diasemospermus** Lamoure

Move to synonymy of *C. pilatii* (q.v.) and delete second sentence of **Notes**.

**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**]

**diasemospermus var. leptospermus** H. Lindstr.

Move to the synonymy of *C. desertorum* (q.v.).

**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**]

**distortus** Kauffman, *N. Amer. Fl.* (New York) 10(5): 319 (1932)

**S:** !

**H:** Scottish collection on soil under *Pinus sylvestris*

and *Betula*.

A collection (2023) from Morayshire (Nethy Bridge) determined by matching its ITS sequence (99.8% similarity) with a sequence derived from the holotype (M. Tortelli, C.V. Soler, G.G. Kibby, Aberystwyth University IBERS).

**dolabratus** Fr.

**S:** !

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

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

**ectypus** J. Favre, *Ergebn. wiss. Unters. schweiz. NatnParks* 6(42): 513 (1960)

**S:** !

**H:** In woodland soil near *Picea* and *Pinus*.

A collection (2018) in K from East Perthshire (Kindrogan), determined as this based on a comparison of its ITS sequence with that of the type (K. Liimatainen).

**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**]

**eliae** Bidaud, Moëgne-Locc. & Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 8: 292 (1996)

**S:** !

**H:** French holotype collection on soil near hedgerow *Quercus*; British collection near *Picea abies*.

A collection from Scotland, determined as this based on a comparison of its ITS sequence (A. Taylor & K. Liimatainen) with that of the holotype. Further details in Tortelli & Kibby [FM 21(2): 43-70 (2020)].

**epipurrus** Chevassut & Rob. Henry, *Docums Mycol.* 8(no. 32): 72 (1978)

**E:** !

**H:** On soil near near *Betula*, *Quercus*, *Fagus*.

Two collections (2019) at K from West Kent (Hayes Common) determined as this by matching their ITS sequences, obtained by the collector, with that of the type (K. Liimatainen unpubl.).

**epsomiensis** P.D. Orton

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

**H:** English and Welsh (holotype or barcode verified) collections fruiting in calcareous grassland soil amongst *Helianthemum nummularium*. Known to associate elsewhere in Europe with broadleaved trees and has also been verified from wooded sandy heathland with mixed tree cover [as *C. pastoralis* in Dima *et al.*, *Mycol. Progr.*, 15: 903-919 (2016)].

Move from synonymy of *C. anomalus*. British holotype sequence obtained and matched with those from 10 Kew Fungarium collections in a study of *Helianthemum*-associated *Cortinarius*. Further details in Liimatainen & Ainsworth [FM19(4): 119-135 (2018)].

**erubescens** M.M. Moser

Move to 'excluded' list.

**euceruleus** Rob. Henry, *Doc. Mycol.* 20(77): 69 (1989)

**E:** !

**H:** In chalky soil near broadleaved trees.

Collections originally determined as *C. terpsichores* and redetermined as this based on DNA evidence were reported in Tortelli & Kibby [FM21(2): 43-70 (2020)].

**fagatorium** 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]

**fagatorium** M.M. Moser

Move to 'excluded' list.

**falsosus** Moëgne-Loccc. & Reumaux, in Bidaud, Moëgne-Loccco, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 572 (2001)

**E:** !

**H:** On soil of mossy bank near near *Betula* and *Quercus*. A collection (2019) at K from West Kent (Hayes Common) determined as this by matching its ITS sequence, obtained by the collector, with that of the type (K. Liimatainen unpubl.).

**famatus** Moëgne-Loccc. & Reumaux, in Bidaud, Moëgne-Loccco, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 572 (2001)

**E:** !

**H:** English collection on soil under *Fagus*.

A collection (2020) from South Essex (Epping Forest) determined as this based on a comparison of its barcode sequence with that of the type (G.G. Kibby, M. Tortelli & K. Liimatainen).

**fasciatus** Fr.

Move to 'excluded' list.

**favrei** D.M. Hend.

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

**fennoscandicus** Bendiksen, K. Bendiksen & Brandrud, *Sommerfeltia* 19: 22 (1993)

**E:** !

**H:** In soil near *Betula*.

A collection (2010) in K from South Aberdeen (Inverey Flats), originally determined as *C. septentrionalis* (q.v.), and redetermined based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**ferrusinus** Ballarà, Mahiques & Garrido-Ben., *Moixeró* 9: 32 (2017)

**W:** !

**H:** Welsh collection fruiting in soil amongst *Helianthemum*.

**I:** FM16(4): 112 (as *C. spilomeus*)

A collection (2014) at K from Montgomeryshire (Llanymynech Rocks) redetermined as this by matching its barcode sequence with that of the holotype. Further details in Liimatainen & Ainsworth [FM19(4): 119-135 (2018)].

**flabellus** (Fr.) Fr.

Move from synonymy of *C. flexipes* var. *flabellus* to head of the entry. Move *C. furfuraceus* from the included list and add to the synonymy following the taxonomy in Liimatainen *et al.* [*Fungal Diversity* 104:291-331 (2020)].

**flavovirens** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 55(2): 182 (1939)

**E:** !

**H:** English collection in soil near *Carpinus betulus*.

One collection (2018) in K from East Kent (Putt Wood) determined as this based on a comparison of its ITS sequence (A.Yu. Biketova, LGC, K. Liimatainen) and that generated from two collections of this sensu Garnica *et al.* (no ex-type sequences currently available).

**flexibilifolius** Carteret, in Bidaud, Carteret, Eyssartier, Moëgne-Loccco & Reumaux, *Atlas des Cortinaires* (Meyzieu) 14: 906 (2004)

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

**H:** In soil near *Quercus*.

Two collections (2002 and 2007) in K respectively from Surrey (Kew Gardens), originally determined as *C. cf. obtusus*, and Radnorshire (Glasbury), originally determined as *C. acutus*. Redeterminations based on a comparison of their ITS sequences with that of the holotype (K. Liimatainen).

**flexipes** var. **flabellus**

Move to synonymy of *C. flabellus* which now heads this entry.

**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]

**fulvaureus** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 60: 71 (1944)

**E:** !

**H:** On soil near broadleaved trees including *Quercus*.

Three collections (2001 onwards) in K from East Sussex (Guestling Wood), North Essex (Epping Forest) and Surrey (Kew Gardens), two originally determined as *C. safranopes* or *C. cf. safranopes*, determined or redetermined as this by matching their barcode sequences with that of the holotype (K. Liimatainen unpubl.). These sequences also matched those derived from the holotypes of *C. rimosofissus* and *C. roseonudipes* which should therefore be regarded as more recent synonyms. For further details see Kibby *et al.* [FM20(1): 12-20 (2019)].

The three sequenced collections previously documented as this in CBIB were determined using a reference sequence which is no longer regarded as representing the holotype of *C. fulvaureus*. As stated previously, the three sequences also matched those derived from the holotypes of *C. rimosofissus* and *C. roseonudipes*. As the interpretation of the former reference sequence is now facing similar issues, the name *C. roseonudipes* (q.v.) is therefore currently regarded as the safest option to use (K. Liimatainen pers. comm.).

**fulvoincarnatus** Joachim ex Bidaud *et al.*

Name change to *C. arcuatorum* (see above). [UD3]

**fulvopaludosus** Kytöv., Niskanen & Liimat., in Liimatainen, *Index Fungorum* 344: 1 (2017)

**W:** !

**H:** Welsh collection in soil under *Quercus* with *Fagus*.

A collection (2022) from Caernarvonshire (Glynllifon Park) determined by comparing its ITS sequence (Alvalab) with that of the holotype.

**furfuraceus** Rob. Henry ex Bidaud, in Bidaud, Moëgne-Loccco, Reumaux & Henry, *Atlas des Cortinaires*, Hors-Serie 1: 146 (1997)

**S:** !

**H:** Scottish collection in soil in mesic/damp *Pinus*-dominated woodland with *Betula*.

A collection (2015) at K from Mid Perthshire (Black Wood of Rannoch) redetermined as this and confirmed by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).

**furfuraceus** Rob. Henry ex Bidaud

Move to the synonymy of *C. flabellus* (q.v.).

**fuscograticescens** A. Favre, *Journal des JEC*, Journées Européennes du Cortinaire 12(no. 11): 50 (2009)

**E:** !

**H:** In soil with *Quercus robur*.

A collection (2021) in K from Middlesex (Bushy Park) determined as this based on a comparison of its ITS sequence (Avalab) with that of the holotype and confirmed by K. Liimatainen.

**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]**

**fusisporus** Kühner

Move to 'excluded' list. The single collection (2005) in K from Worcestershire (Halesowen) originally determined as *C. fusisporus* and supporting its CBIB inclusion has been redetermined as *C. desertorum* after matching the derived ITS sequence with that of the holotype (K. Liimatainen).

**galeobdolon** Melot

Move to list of misdeterminations under *C. leucoluteolus* (q.v.).

**geniculatus** Bidaud, in Bidaud, Bellanger, Carteret, Reumaux & Moëgne-Loccoz, *Atlas des Cortinaires* (Meyzieu) 22: 1884 (2014)

**E:** !

**H:** In soil under *Fagus*.

A collection (2022) in K from Buckinghamshire (Gussetts Wood) determined by comparing its ITS sequence (E. Janke, K. Liimatainen) with that of the holotype.

**geraniolens** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 19: 1506 (2010)

**E:** !

**H:** English collection in soil under young planted *Quercus* sp. in damp broadleaved woodland.

New record. A collection (2012) at K from South Lancashire (Scutchers Acres) confirmed by matching its barcode sequence with that of the holotype (B. Douglas & K. Liimatainen unpubl.).

**glabrellus** Kauffman, *J. Mycol.* 13(1): 35 (1907)

**E:** !

**H:** In soil near *Betula*.

Two collections (2004 & 2012) in K respectively from East Sussex (Abbot's Wood), originally determined as *C. bulbosus*, and from Surrey (Lightwater), originally determined as *C. subbalaustinus*. Redeterminations based on a comparison of their ITS sequences with that of the holotype (K. Liimatainen).

**glandicolor** (Fr.) Fr.

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

**glaphurus** Chevassut & Rob. Henry, *Docums Mycol.* 12(no. 47): 78 (1982)

**E:** !

**H:** In soil with *Fagus*.

Occurrence in Britain verified by analysis of a barcode sequence (originally determined as *C. paranomalus*, now recognised as a younger synonym) and published in Liimatainen *et al.* [*Fungal Diversity* 104:291-331 (2020)] with further details available in Kibby & Tortelli (2021).

**glaucopus** (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 629 (1821)  
Amend author citation and publication reference. **[UD4]**

**habros** Bojantchev, Dima, Liimat., Niskanen & L. Albert, *Journal des J.E.C. no 24*: 16 (2022)

**E:** !

**H:** In broadleaved woodland soil, usually with *Quercus*.

Described with three sequenced English paratypes in K. These were originally determined as *C. aprinus* collected in 2000 from West Kent (Darenth Wood), in 2011 from North Somerset (Goblin Combe) and in 2013 from Huntingdonshire (Paxton Pits).

**heatherae** Overall, in Hyde *et al.*, *Fungal Diversity* 100: 249 (2020)

**E:** !

**H:** English collections on calcareous soil near *Quercus* and *Salix*.

New record. Described with sequenced English holotype and paratypes, now in K, collected in Middlesex (Heathrow area). Further details in Overall [FM21(3): 79-81 (2020)].

**hedyaromaticus** C.L. Cripps & O.K. Mill., *Mycotaxon* 50: 316 (1994)

**E:** !

**H:** English collection in sandy woodland soil near *Betula* and *Castanea* (although usually associated with *Populus*).

A collection (2019) in K from East Sussex (Guestling Wood) was determined as this based on matching its barcode sequence with that derived from the type (D-H. Wang, K. Liimatainen).

**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]**

**herculeolens** Bidaud

Move to synonymy of *C. daultnoyae* (q.v.).

**herpeticus** Fr.

Move from synonymy of *C. scaurus* var. *herpeticus* to head this entry with *C. scaurus* var. *herpeticus* as a synonym.

**heterodepressus** Kytöv., Niskanen & Liimat., in Liimatainen, *Index Fungorum* 344: 1 (2017)

**E:** !

**H:** In soil.

A collection (2023) in K from Buckinghamshire (Stoke Common) sequenced and determined as this by E. Janke.

**hillieri** Rob. Henry

**E:** !

**H:** On calcareous soil associated with *Carpinus betulus*.

Move from 'excluded' list and delete existing **Notes**. A collection (2018) at K from North Essex (Hatfield Forest) determined as this by matching its ITS sequence with that of the type (K. Liimatainen unpubl.).

**hinnuleoarmillatus** Reumaux, in Reumaux & Moëgne-Loccoz, *Bull. trimest. Féed. Mycol. Dauphiné-Savoie* 29(no. 113): 24 (1989)

**E:** !

**H:** In soil with grass under *Salix* and *Corylus*.

A collection (2020) from Buckinghamshire (Rushbeds Wood), determined as this based on a comparison of its ITS sequence (P. Cullington, E. Janke) with that of the holotype.

**hirtus** (Velen.) G. Garnier, *Bibliographie des Cortinaires. D - O.* 125 (1991)

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

**H:** English collection on soil in broadleaved woodland (*Betula*, *Corylus*, *Fagus* and *Quercus*) and Scottish one in *Picea* plantation.

Collections (2020 & 2017) respectively from Buckinghamshire (Mousells Wood) and Caithness (Dunnet Forest) determined as this based on a comparison of their barcode sequences with that of the type (G.G. Kibby, M. Tortelli & K. Liimatainen).

**humolens** Brandrud, in Brandrud, Lindström, Marklund, Melot & Muskos, *Cortinarius*, *Flora Photographica* (Matfors) 4: 20 (1998)

**E:** !

**H:** On bare chalky soil.

A collection (2019) at K from East Kent (Badgin Wood) determined as this by M. Tortelli with advice from T.G. Frøslev & T.S. Jeppesen.

**hydrotelamonioides** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 85(4): 442 (1970) [1969]

Move entry currently headed by *C. macropodius* to synonymy of this. Move *C. pseudoprivignus* from 'excluded' list and include in synonymy. Replace **Notes** with "A single collection (2003)

at K from West Norfolk (Holkham Meals) originally determined as *C. malachus* and initially redetermined as *C. macropodius* based on a comparison of its barcode sequence with that of the holotype (K. Liimatainen). However, *C. macropodius* is an invalid name and its current name is *C. hydrotelamonioides* as documented in Liimatainen *et al.* [*Fungal Diversity* 104: 291-331 (2020)]."

#### **illibatus** Fr.

Move *C. subdelibutus* (an illegitimate name) from the synonymy of this to the synonymy of *C. myxo-anomalus* based on a comparison of ITS barcode sequences from *C. subdelibutus* holotype and *C. myxo-anomalus* syntype. Move *C. illibatus* to 'excluded' list

#### **imbutus** Fr.

Move to 'excluded' list.

**impolitus** Kauffman, *Publications Mich. geol. biol. Surv.*, Biol. Ser. 5 26: 419 (1918)

**E:** !

**H:** In soil in mixed woodland.

A single collection (2005) in K from Worcestershire (Halesowen) originally determined as *C. fusisporus*. Redetermined after matching the derived ITS sequence with that of the holotype of *C. impolitus* (K. Liimatainen).

#### **impolitus** Kauffman

Move to 'excluded' list following the introduction of this name in UD10. The single collection (2005) in K from Worcestershire (Halesowen) originally determined as *C. fusisporus* then redetermined as *C. impolitus* is now redetermined after matching the derived ITS sequence with that of the holotype of *C. desertorum* (K. Liimatainen).

**incisior** Bidaud, Moëgne-Locc. & Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires*, Hors-Serie 1: 148 (1997)

**E:** !

**H:** On soil near *Alnus glutinosa*.

A single collection (1995) in K from South Devon (Andrew's Wood) originally determined as *C. dilutus* (redet. based on ITS data analysis, K. Liimatainen unpubl.).

**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]**

**intempestivus** Moëgne-Locc. & Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 573 (2001)

**E:** !

**H:** In soil.

A collection (1985) in K from West Lancashire (Gait Barrows) determined by matching its barcode sequence (D-H. Wang, K. Liimatainen) with that of the holotype.

**jacobi-langei** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 17(1): 1176 (2008)

**W:** !

**H:** In soil in deciduous woodland.

A single collection (2001) in K from Merionethshire (Coed Llyn Mair) originally determined as *C. erubescens* (q.v.). Redetermined after matching the derived ITS sequence (identical) with that of the holotype of *C. jacobi-langei* (K. Liimatainen).

**lacustris** Moëgne-Locc. & Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires*, Hors-Serie 1: 148 (1997)

**E:** !

**H:** English collection fruiting in soil beneath shallow water amongst lakeside sedges near *Quercus*.

A collection (2006) at K from Surrey (Vann Lake) redetermined as this and confirmed by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.). There are other sequenced collections awaiting accession and this is likely to be one of the most common British Hinnulei species.

#### **largus** Fr.

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

**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]**

**leiocastaneus** Niskanen, Liimat. & Soop

Move to 'excluded' list.

**leiocastaneus** Niskanen, Liimat. & Soop

**E:** !

**H:** English collection on calcareous soil and associated with *Fagus*.

Move from 'excluded' list (delete associated **Notes**). A collection (2021) in K from Surrey (Sheeples) determined as this by matching its barcode sequence (Alvalab) with that of the holotype (identical).

#### **lepidopus** Cooke

*Cortinarius anomalus* var. *lepidopus* (Cooke) J.E. Lange, *Fl. agaric. danic. 5 Taxonomic Conspectus*: II (1940)

*Cortinarius anomalus* f. *lepidopus* (Cooke) Nespiak, *Fl. Polska*: 66 (1975)

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

**H:** Scottish (barcode verified) collection from *Pinus* woodland with *Betula* but other collections are from a range of habitats. Move from synonymy of *C. anomalus*. Verified (s. FN) as British based on a sequence obtained (K. Liimatainen unpubl.) from a 2015 collection at K from Mid Perthshire (Black Wood of Rannoch).

**lepistooides** T.S. Jeppesen & Frøslev, *Mycotaxon* 106: 474 (2009) [2008]

**E:** !

**H:** On bare chalky soil.

A collection (2019) at K from East Kent (Badgin Wood) determined as this by M. Tortelli with advice from T.G. Frøslev & T.S. Jeppesen.

#### **leproleptopus** Chevassut & Rob. Henry, *Docums*

*Mycol.* 19(no. 73): 47 (1988)

**E:** !

**H:** English collection on soil in broadleaved woodland.

A collection (2020) from East Kent (Putt Wood) determined as this based on a comparison of its ITS sequence (Alvalab, J.-M. Bellanger, K. Liimatainen & P.-A. Moreau) with that obtained from the holotype.

**leucoluteolus** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 99(1): 75 (1983)

**E:** !

**H:** English collections in soil near *Fagus* or *Quercus*.

Two collections (2017 & 2006) at K respectively from East Sussex (Sheffield Park) and Surrey (Norbury Park) redetermined as this and confirmed by matching their barcode sequences with that of the holotype (K. Liimatainen unpubl.).

#### **leucoluteolus** Rob. Henry

*Cortinarius emollitoides* Bidaud, Moëgne-Locc. & Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 10: 491 (2000)

Mis.: *Cortinarius galeobdolon* sensu auct. Brit.

Mis.: *Cortinarius causticus* sensu NCL, sensu auct. mult.

Add the above synonymy and misdeterminations which, for *C. emollitoides* and *C. leucoleolus*, is based on matching of ITS sequences derived from type specimens (K. Liimatainen unpubl.). It is likely that *C. galeobdolon* sensu typi is another later synonym of *C. leucoleolus* but the type is unavailable for the required confirmatory sequencing. Further details are given in Kibby *et al.* [FM20(1): 12–20 (2020)] under the name *C. emollitoides*.

**lignicola** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 6: 190 (1994)

**E:** !

**H:** English collection on soil amongst needles & rotten wood of *Picea abies*.

A collection (2009) in K from Dorset (Ashmore) originally determined as *C. sommerfeltii* (q.v.) and redetermined based on a comparison of its ITS sequence (**identical**) with that of the holotype (K. Liimatainen).

**lilacinovelatus** Reumaux & Ramm, in Bidaud, Moëgne-Loccoz, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 613 (2001)

**E:** !

**H:** On chalky soil.

A collection (2019) at K from East Kent (Stockbury) determined as this by M. Tortelli with advice from T.G. Frøslev & T.S. Jeppesen.

**lindstroemii** Niskanen, Kytov. & Liimat., in Niskanen, *Index Fungorum* 438: 1 (2020)

Mis.: *Cortinarius flexipes* var. *flabellus* sensu auct.

?

**H:** In woodland soil.

Occurrence in Britain verified by matching barcode sequence(s) with that of the holotype fide Kibby & Tortelli (2021).

**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*  $\delta$  *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]**

**luhmannii** Münzmay, Saar & B. Oertel, *Journal des JEC*, Journées Européennes du Cortinaire 7(no. 6): 31 (2004)

**E:** !

**H:** English collection on woodland soil near *Fagus sylvatica*.

A collection (2018) at K from South Hampshire (Busketts Wood) determined as this based on morphological characters and documented in Kibby *et al.* [FM20(1): 12–20 (2019)]. The barcode sequence derived from this (K. Liimatainen unpubl.) matched that of *C. luhmannii* s. Garnica *et al.* [*FEMS Microbiol. Ecol.* 92(4): f1w045 1–16 (2016)].

**luridus** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 84(3): 406 (1969) [1968]

**E:** !

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

A collection (1995) at K from South Devon (Loddiswell) redetermined as this (formerly as *C. renidens*) based on comparison of its barcode sequence with that of the holotype. It is possible that further molecular analysis will reveal an earlier name for this species (K. Liimatainen unpubl.).

**luteocingulatus** Bidaud & Fillion, *Bull. trimest. Féd. Mycol. Dauphiné-Savoie* 31(no. 124): 9 (1992)

Mis.: *Cortinarius variiformis* sensu auct. Brit.

Mis.: *Cortinarius varius* sensu auct. Brit.

**E:** !

**H:** English collection on calcareous soil with *Quercus* and *Carpinus*.

A collection (2020) from East Kent (Badgin Wood) determined as this based on morphological evidence and documented in Kibby & Tortelli (2021). It is likely that the single collection (2004) in K from East Kent (Jumping Downs) which supported the inclusion of *C. variiformis* (now excluded) also represents this.

**macropodius** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 77(2): 131 (1961)

**E:** !

**H:** On sandy soil in coastal dunes.

A single collection (2003) at K from West Norfolk (Holkham Meals) originally determined as *C. malachius* (redet. based on ITS data analysis, K. Liimatainen unpubl.).

This name was invalidly published. Move to synonymy of *C. hydrotelamonioides* (q.v.).

**maculatocaespitosus** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 18(1, 2): 1376 (2009)

**E:** !

**H:** English collections in soil near *Fagus* or *Quercus*.

Three collections (1973–1991) in K from South Hampshire (New Forest) and West Sussex (Goodwood), originally determined as *C. infractus*, were redetermined as this based on a comparison of their ITS sequences (D-H. Wang, K. Liimatainen) with that of the holotype.

**majoranae** Frøslev & T.S. Jeppesen, *Mycotaxon* 106: 472 (2009) [2008]

**E:** !

**H:** English collection on chalky woodland soil under *Carpinus betulus*.

A collection (2018) at K from West Kent (Hartley Wood) determined as this based on morphological characters and documented in Tortelli & Pitt [FM20(4): 137–140 (2019)].

**malachioides** P.D. Orton

**S:** !

**H:** In soil in coniferous or *Betula* woodland.

Move from synonymy of *C. malachius* and recognise once again as a distinct species with the above details. Replace **Notes** with: "Orton's holotype has now been sequenced and shown to be distinct in Brandrud *et al.* [*Mycol. Prog.* 17(12): 1323–1354 (2018)]. Based on ITS sequence data (K. Liimatainen), collections of this in K (1955 and 2018) have been recognised from respectively Easterness (Loch an Eilein, holotype) and South Aberdeenshire (Morrone Birkwood)."

**mammillatus** Kałucka, Kytöv., Niskanen & Liimat., in Boonmee *et al.*, *Fungal Diversity* 13: 10.1007/s13225-021-00489-3, [238] (2021)

**S:** !

**H:** Scottish collection on soil beneath *Picea* sp. in conifer plantation.

A sequenced paratype collection (2018) in K from West Sutherland (Woodcock Hill Plantation). A matching DNA sequence generated from an ectomycorrhizal root tip of native Scottish *Pinus sylvestris* is also reported in Boonmee *et al.* (2021).

**megacystidiosus** Reumaux, in Bidaud, Carteret, Reumaux & Moëgne-Loccoz, *Atlas des Cortinaires* (Meyzieu) 20: 1574 (2012)

**E:** !

**H:** English collection on soil near *Fagus sylvatica*.

A collection (2018) at K from West Kent (High Elms) confirmed as this by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).

**melanotus** Kalchbr.

**E:** !

**H:** In soil near *Fagus sylvatica*.

Move from 'excluded' list. Add the above details and replace **Notes** with: "A collection (2004) in K from South Hampshire (Buskett's Wood) originally determined as *C. venetus*. Redetermined after matching the derived ITS sequence (identical) with that of the neotype of *C. melanotus* (K. Liimatainen)."

**metarius** Kauffman, *Pap. Mich. Acad. Sci.* 1: 137 (1921)

**E:** !

**H:** In mixed woodland including *Fagus* and *Betula* on chalk. A collection (2021) in K from Surrey (White Downs) determined by matching its barcode sequence (Alvalab) with that of the holotype (identical).

**moenne-loccozii** Bidaud, in Bidaud, Moëgne-Loccoz, 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**]

**multiformis** Fr.

**S:** !

**H:** Scottish collection associated with *Picea*.

Move from 'excluded' list (delete associated **Notes**). A collection (2020) at K from Morayshire (Nethy Bridge) determined as this by matching its barcode sequence with that of the neotype. Further details in Tortelli & Kibby [FM 21(2): 43-70 (2020)] and in Kibby & Tortelli (2021).

**multiformium** Consiglio & Moëgne-Locc., *Riv. Micol.* 47(4): 324 (2004)

**E:** !

**H:** On chalky soil.

A collection (2019) at K from East Kent (Badgin Wood) determined as this by M. Tortelli with advice from T.G. Frøslev & T.S. Jeppesen.

**musciola** Liimat., Danhao Wang, D. Savage & Niskanen, in Liimatainen, Wang, Savage, Niskanen & Kytövuori, *Index Fungorum* 524: 2 (2022)

**S:** !

**H:** In soil associated with conifers (mixed *Picea* and *Pinus* with *Sphagnum* in Scotland).

Described with a sequenced Scottish holotype, now in K, collected in 2019 from Caithness (Chracairnie Plantation).

**musciophilus** Bidaud & P.-A. Moreau, in Bidaud, Carteret & Reumaux, *Bull. trimest. Féed. Mycol. Dauphiné-Savoie* 222: 22 (2016)

**S:** !

**H:** In gully soil near *Betula pubescens*.

A Scottish collection (2022) from East Ross (Strath Vaich) determined by comparing its ITS sequence (D. Mitchel, P.-A. Moreau & J.-M. Bellanger) with that of the holotype ("almost identical").

**myxo-anomalus** Kühner, *Docums Mycol.* 20(no. 77): 92 (1989)

**E:** !

**H:** English collections in woodland soil near *Betula*.

Collections (2011 & 2004) at K respectively from Dorset (Halstock) and South Somerset (Quantock Hills) redetermined as this and confirmed by matching their barcode sequences with that of a syntype. This forms part of an unresolved *C. delibutus* complex and it is possible that further molecular analysis will reveal an earlier name for this species (K. Liimatainen unpubl.).

Move *C. subdelibutus* (an illegitimate name) from the synonymy of *C. illibatus* to the synonymy of this based on a comparison of ITS barcode sequences from *C. subdelibutus* holotype and *C. myxo-anomalus* syntype.

**neofallax** Carteret & Reumaux, in Bidaud, Carteret, Eyssartier, Moëgne-Loccoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 14: 907 (2004)

**E:** !

**H:** In periodically inundated soil near *Populus tremula*.

A collection (2004) in K from Buckinghamshire (Rushbeds Wood) determined by matching its barcode (ITS1) sequence (D-H. Wang, K. Liimatainen) with that of the holotype (identical).

**nigrocuspoidatus** Kauffman, *Pap. Mich. Acad. Sci.* 1: 138 (1921)

*Cortinarius striaepilus* J. Favre

**S:** !

**H:** In soil in mixed woodland.

Move *C. striaepilus* from 'excluded' list and include in synonymy. Insert **Notes**: "A collection (2020) from Morayshire (Boat of Garten) determined as this by matching its barcode sequence (Alvalab) with that of reference sequences in Liimatainen *et al.* [*Fungal Diversity* 104:291-331 (2020)]. Further details in Kibby & Tortelli (2021)."

**nigromamosus** Reumaux, in Bidaud, Carteret, Eyssartier, Moëgne-Loccoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 14: 907 (2004)

**E:** !

**H:** On sandy soil near *Pinus nigra*.

A single collection (2003) in K from West Norfolk (Holkham Meals) originally determined as *C. fasciatus* (q.v.) (redet. based on ITS data analysis, K. Liimatainen unpubl.).

**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**]

**nucicolor** Liimat., Niskanen & Kytöv., in Liimatainen, *Index Fungorum* 198: 2 (2014)

**E:** !

**H:** English collection on calcareous soil and associated with broadleaved trees.

A collection (2021) in K from East Kent (Badgin Wood) determined as this by matching its barcode sequence (Alvalab) with that of the holotype.

**nymphicolor** Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires*, Pars V (Annecy): 151 (1993) *Cortinarius rickenianus* Maire, nom. inval.

The name to be used for the species formerly known in Britain as *C. rickenianus* but which was invalidly published by Maire as stated in Tortelli & Kibby [FM21(2): 43-70 (2020)] and Henrici [FM21(4): 147-149 (2020)].

**obsoletus** Kühner, *Bull. mens. Soc. linn. Soc. Bot. Lyon* 24(2): 39 (1955)

Included based on statements in Tortelli & Kibby [FM21(2): 43-70 (2020)] and Henrici [FM21(4): 147-149 (2020)] that the collection shown in Ph: 128, and determined therein as *C. fraudulosus*, is misdetermined and represents this species.

**obtusorum** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 83(4): 1021 (1968) [1967]

**E:** !

**H:** English collection in soil under *Picea abies* in old plantation. A collection (2009) at K from Dorset (Clifton Maybank) redetermined as this and confirmed by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).

**occidentalis var. obscurus** (M.M. Moser) Quadr.

Move to 'excluded' list.

**ominosus** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 6: 190 (1994)

**S:** !

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

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

**oreoborealis** Cadiñanos, M.M. Gómez & Ballarà, *Journal des JEC, Journées Européennes du Cortinaire* 18: 41 (2016)

**S:** !

**H:** Scottish collections in soil in wet woodland of *Betula pubescens*.

Three collections (2023 & 2024) from Aberdeenshire (Clarack Loch), two of which were determined by comparing their ITS sequences (H. Baker & Univ. Aberystwyth) with that of the holotype (98.8%) and documented in Baker *et al.* [FM26(1): 5-8 (2025)]. Baker *et al.*'s (2025) ITS analysis included a sequence (C.V. Soler) from a further Scottish collection (2024) from Easternness (Abernethy Forest).

**ovatosporus** Rob. Henry, in Bidaud, Carteret, Eyssartier, Moëgne-Loccoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 13: 789 (2003)

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

**H:** French collections are on calcareous soil with *Picea*. This species was originally described in 1968 by R. Henry based on a collection from England (Windsor Forest) but the publication was invalid because a type was not indicated. In the validating publication (2003), a collection from an unknown source which was preserved in Herb. PC as Hry. 972 was designated as the holotype, along with three French paratypes, but the relationship between the holotype and the Windsor Forest collection was not explained. In listing this species as present in England, we are assuming, therefore, that the Windsor Forest collection is conspecific with the holotype. There is a Scottish collection determined as this based on matching its ITS sequence (A.S. Taylor & K. Liimatainen) with that obtained from one of the paratypes.

**pallidostriatoides** Moëgne-Locc. & Reumaux, in Bidaud, Carteret, Eyssartier, Moëgne-Loccoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 13: 789 (2003)

**W:** !

**H:** In soil.

A collection (1988) in K from Caernarvonshire (Betws-y-coed), originally determined as *C. umbonatus*, and redetermined based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen). This is *C. obtusus* s.l.

**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 Easternness (Abernethy Forest), where previously collected by Orton (NBA9: 551) as *C. haematochelis*. [**UD1**]

**paralbocyanus** Eyssart., in Bidaud, Carteret, Eyssartier, Moëgne-Loccoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 12: 693 (2002)

**E:** !

**H:** In soil near *Betula*.

A collection (1998) in K from Berkshire (Dry Sandford Pit), originally determined as *C. alboviolaceus*, and redetermined based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**parasuaveolens** (Bon & Trescol) Bidaud, Moëgne-Locc. & Reumaux, *Bulletin Semestriel de la Fédération des Associations Mycologiques Méditerranéennes* 18: 23 (2000)

**E:** !

**H:** English collection on soil in broadleaved woodland.

A collection (2020) from East Kent (Badgin Wood) determined as this based on a comparison of its ITS sequence (Alvalab & K. Liimatainen) with that obtained from the type.

**patibilis var. scoticus** Brandrud

Move to synonymy of *Cortinarius largus* following Liimatainen *et al.* [*Persoonia*, Mol. Phyl. Evol. Fungi 33: 98-140 (2014)]. Remove "*Cortinarius largus* sensu auct. brit." from synonymy and remove last sentence of **Notes**.

**pelerinii** Bellanger, Carteret & Reumaux, *Atlas des Cortinaires* (Meyzieu) 21: 1788 (2013)

**E:** !

**H:** In soil.

A collection (1960) in K from Mid-west Yorkshire (Ilkley Moor) determined by matching its barcode sequence (D-H. Wang, K. Liimatainen) with that of the holotype (identical).

**pellstonianus** Ammirati & A.H. Sm., *Michigan Bot.* 11(1): 13 (1972)

*Cortinarius sommerfeltii* Høil.

New heading for entry formerly headed by *C. sommerfeltii* following molecular studies in Huymann *et al.* [*Mycological Progress* 23: 26 (2024)].

**persoonianus** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 18(1, 2): 1376 (2009)

**E:** !

**H:** English collection in soil under *Tilia*.

A collection (1991) in K from Surrey (Norbury Park), originally determined as *C. infractus*, was redetermined as this based on a comparison of its ITS sequence (D-H. Wang, K. Liimatainen) with that of the holotype.

**pertristis** J. Favre

Move to the synonymy of *C. desertorum* (q.v.).

**phaeochrous** J. Favre, *Ergebn. wiss. Unters. schweiz. Natn Parks* 5(no. 33): 204 (1955)

**S:** !

**H:** In soil under *Arctostaphylos uva-ursi* on an exposed coastal moorland.

A collection (2016) in K from West Sutherland (Druim Chuibhe) determined by matching its barcode sequence (D-H. Wang, K. Liimatainen) with that of the holotype (identical).

**phaeophyllus** P. Karst.

Move to 'excluded' list.

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

**E:** !

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

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

**phaeosmus** Rob. Henry

Move to 'excluded' list.

**phaeosmus** Rob. Henry

**E:** !

**H:** English collections on soil near *Fagus* and *Quercus*. Move from 'excluded' list. Two collections (2019) in K from Buckinghamshire (Marlow Common) confirmed as this by matching their barcode sequences (A.Yu. Biketova, LGC, K. Liimatainen) with that of the holotype (identical).

**pilatii** Svrček, *Česká Mykol.* 22(4): 274 (1968)  
New heading for entry currently headed by *C. diasemospermus* (which now becomes a synonym **sensu CFP**) based on ITS sequence analysis (K. Liimatainen).

**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+I:** 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. malachus*); FM 10(1): 21-22 (2009)  
New record. A recent collection (2008) at K from South Aberdeen. [**UD4**]

**poppyzon** Melot  
Move to 'excluded' list.

**praestigiosus** (Fr.) M.M. Moser, *Schweiz. Z. Pilzk.* 43(8): 131 (1965)

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

**H:** Scottish collection in soil in mesic/damp *Pinus*-dominated woodland with *Betula*.

Move from 'excluded' list. A collection (2015) at K from Mid Perthshire (Black Wood of Rannoch) redetermined as this and confirmed by matching its barcode sequence with that of the neotype (K. Liimatainen unpubl.). There is also a verified English collection awaiting accession.

**pruinatus** Bidaud, Moëgne-Loc. & Reumaux, in Bidaud, *Docum. Mycol.* 23(no. 90): 46 (1993)

**E:** !

**H:** On soil near *Carpinus betulus*.

A collection (2014) in K from South Wiltshire (Stourhead Estate), determined as this based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**psammocephalus** (Bull.) Fr.

Move to 'excluded' list.

**pseudodaulnoyae** Rob. Henry & Ramm, *Docum. Mycol.* 21(no. 83): 54 (1991)

Move entry currently headed by *C. squamosocephalus* to synonymy of this. Replace **Notes** with "Collections (2017 & 2006) at K respectively from East Kent (Rice Wood) and Surrey (Vann Lake) redetermined as this and confirmed following a comparison of their barcode sequences with that of the holotype of *C. squamosocephalus* (K. Liimatainen). Bidaud & Bellanger [*Journal des J.E.C.* No. 18: 13-23 (2016)] have shown that the sequence from this holotype matches that derived from their epitype of *C. pseudodaulnoyae*, which therefore provides an earlier name."

**pseudofallax** Carteret, in Bidaud, Carteret, Eyssartier, Moëgne-Locoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 14: 907 (2004)

**E:** !

**H:** On soil near *Betula* and *Carpinus*.

A collection (2005) in K from Surrey (Fairmile Common) originally determined as *C. parvannulatus* (redet. based on ITS data analysis, K. Liimatainen) and a sequenced 2019 collection in K from East Kent (Putt Wood).

**pseudofusisporus** Bidaud, in Bidaud, Moëgne-Locoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 19: 1507 (2010)

**E:** !

**H:** English collection on soil near *Betula*, *Carpinus* and *Salix*. A collection (2020) from East Kent (Putt Wood) determined as this based on a comparison of its ITS sequence (Alvalab & K. Liimatainen) with that obtained from the type.

**puellaris** Brandrud, Bendiksen & Dima, *Agarica* 36: 19 (2015)

**E:** !

**H:** On loamy soil overlying chalk in broadleaved woodland near *Tilia*.

A collection (2007) in K from Surrey (Norbury Park), determined as this based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**pumilus** (Fr.) J.E. Lange

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

**punctatiformis** Carteret, in Bidaud, Carteret, Reumaux & Moëgne-Locoz, *Atlas des Cortinaires* (Meyzieu) 20: 1575 (2012)

**E:** !

**H:** English collections in woodland soil.

A few recent collections (several to be accessioned) at K from Kent and Middlesex determined as this and a 2010 collection from Surrey (Kew Gardens) redetermined as this. All based on matching barcode sequences with that derived from the holotype (T. Niskanen & K. Liimatainen unpubl.).

**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**]

**quercocoenicus** Liimat., Kytöv. & Niskanen, in Liimatainen, *Index Fungorum* 344: 3 (2017)

**E:** !

**H:** English collection in soil on mossy bank near near *Quercus*, *Carpinus* and *Corylus*.

A collection (2017) at K from North Essex (Epping Forest) verified as this by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.). This is *C. psammocephalus* s. CFP, but note that Bulliard's original plate of this species might not even represent a member of the genus *Cortinarius*.

**quercocoenicus** Liimat., Kytöv. & Niskanen

Mis.: *Cortinarius psammocephalus* sensu CFP 4

Add the above misdetermination.

**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**]

**renidens** Fr.

Move to 'excluded' list.

**rickenianus** Maire

An invalid name as stated in Tortelli & Kibby [FM21(2): 43-70 (2020)] and Henrici [FM21(4): 147-149 (2020)]. This species is now known as *C. nymphicolor* (q.v.).

**roseipes** (Velen.) Reumaux

Move to 'excluded' list.

**roseomyceliosus** Bidaud, in Bidaud, Moëgne-Locoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 18(1, 2): 1303 (2009)

**S:** !

**H:** Scottish collection on soil in *Picea* plantation.

A collection (2021) in K from Morayshire (Nethy Bridge) determined as this by matching its barcode sequence (Alvalab) with that of the holotype (identical).

**roseonudipes** Rob. Henry & Moëne-Loc., in Bidaud, Moëne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires*, Hors-Serie 1: 150 (1997)

Current name for the specimens formerly determined as *C. fulvaureus* (q.v.).

**rubricosus** (Fr.) Fr.

Move from 'excluded' list (delete associated **Notes**) to head the entry currently headed by *C. safranopes* (q.v.), which, along with *C. conicus* s. auct. Brit. and s. CFP 3 (1994) pl. C38, become synonyms.

**rubrocinctus** Reumaux, in Bidaud, Moëne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 7: 230 (1995)

**E:** !

**H:** English collection on soil near *Betula*, *Carpinus* and *Populus*. A collection (2020) from East Kent (Putt Wood) determined as this based on a comparison of its ITS sequence (Alvalab & K. Liimatainen) with that obtained from the type.

**russulaespermus** Carteret, in Bidaud, Carteret, Eyssartier, Moëne-Loccoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 14: 908 (2004)

**E:** !

**H:** On soil.

A collection (2018) in K from Middlesex (Heathrow area) determined as this based on an analysis of barcode DNA, obtained by the collector, which matched that of the holotype (K. Liimatainen).

**rusticelloides** Kokkonen, *Karstenia* 58(1): 94 (2020)

**E:** !

**H:** English collection in soil near *Alnus* and *Salix*.

A collection (2024) from South Hampshire (New Forest) determined by comparing its ITS sequence (E. Janke) with that of the holotype (identical).

**safranopes** Rob. Henry

Move to synonymy of *C. rubricosus*. Add "*Carpinus*" to the list of tree associates and replace **Notes** with: The barcode sequence derived from the holotype of *C. safranopes*, which was described in 1938, was found to match that obtained from the neotype of *C. rubricosus*, described much earlier by Fries, hence the former becomes a synonym of the latter (K. Liimatainen unpubl.).

**sanguineus** (Wulfen) Gray, *Nat. arr. Brit. pl.* 1: 629 (1821)  
Amend author citation and publication reference. **[UD4]**

**scaurotraganoides** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 102(1): 78 (1986)

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

**H:** English and Scottish collections on soil with broadleaved trees.

A collection (2021) in K from Morayshire (Nethy Bridge) determined as this based on morphological evidence (G.G. Kibby & M. Tortelli) and one (2022) from West Kent (Tudeley Woods) so determined based on a comparison of its ITS sequence (M. Allison, N. Aplin) with that of the holotype.

**scaurus var. herpeticus** (Fr.) Qué.

Move to synonymy of entry now headed by *C. herpeticus*.

**scoticus** Niskanen & Liimat., in Hyde *et al.*, *Fungal Diversity* 100: 251 (2020)

**S:** !

**H:** In soil of woodlands dominated by *Pinus*.

Described with a sequenced Scottish holotype, now in K, from Mid Perthshire (Black Wood of Rannoch).

**semiodoratus** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 109(1): 24 (1993)

**E:** !

**H:** In soil near *Quercus ilex*.

Two collections (2000 & 2002) in K from Surrey (Kew Gardens), originally determined respectively as *C. hinnuleus* (s.str.) and *C. safranopes* var. *sublaevispora* (cf.), and redetermined based on a comparison of their ITS sequences with that of the holotype (K. Liimatainen).

**semivestitus** M.M. Moser, *Nova Hedwigia* 14(2-4): 516 (1968) [1967]

**E:** !

**H:** In soil.

A collection (2023) in K from Buckinghamshire (Stoke Common) sequenced and determined as this by E. Janke.

**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]**

**septentrionalis** Bendiksen, K. Bendiksen & Brandrud  
Move to 'excluded' list.

**septentrionalis** Bendiksen, K. Bendiksen & Brandrud  
**W:** !

**H:** Welsh collection in damp soil near *Salix*.

Move from 'excluded' list (delete associated **Notes**). This had been excluded following the redetermination, as *C. fennoscandicus*, of the single voucher collection in K (from South Aberdeen, Inverey Flats), which was supporting its CBIB inclusion (K. Liimatainen). More recently, a collection (2007) at K from Pembrokeshire (Redberth), originally determined as *C. trivialis*, was redetermined as this based on a comparison of its ITS sequence (D-H. Wang, K. Liimatainen) with that of the holotype.

**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]**

**serratissimus** M.M. Moser

Move to 'excluded' list.

**sobrius** P. Karst., *Hedwigia* 29: 177 (1890)

**E:** !

**H:** English collection in soil under planted *Populus* sp.

New record. A collection (2016) at K from East Sussex (Birchden Wood) confirmed by matching its barcode sequence with that of the type (K. Liimatainen unpubl.).

**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]**

**sommerfeltii** Høil.

**S:** !

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

Amend details as above and replace **Notes** with: "The only collection in K named as this was from Dorset (Ashmore) but this was redetermined based on a comparison of its ITS sequence with that of the holotype of *C. lignicola* (q.v.) (K. Liimatainen). *Cortinarius sommerfeltii* is currently retained in the 'included' list based on a few documented records/collections from Scotland, where it is expected to occur, but this should be verified by sequencing data when possible."

**sommerfeltii** Høil.

Move to synonymy of *C. pellstonianus*.

**sordescens** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 60: 67 (1944)

**E:** !

**H:** In soil near *Carpinus* or *Betula*.

A collection (2018) in K from East Kent (Putt Wood), determined as this based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**sphagnicola** Carteret & Reumaux, in Bidaud, Carteret, Eyssartier, Moëgne-Loccoz & Reumaux, *Atlas des Cortinaires* (Meyzieu) 14: 908 (2004)

**E:** !

**H:** English collections in damp soil in *Alnus* carr.

Two collections (2009 & 1998) at K respectively from North Somerset (Catcott Heath) and Shropshire (Colemere Country Park) redetermined as this and confirmed by matching their barcode sequences with that of the holotype (K. Liimatainen unpubl.). It is possible that further molecular analysis will reveal an earlier name for this species.

**sphagnophilus** Peck, *Ann. Rep. N.Y. St. Mus. nat. Hist.* 29: 42 (1878) [1876]

Move to head the entry currently under *C. caledoniensis*. The latter name becomes a synonym following Tortelli & Kibby [FM21(2): 43-70 (2020)] and Henrici [FM21(4): 147-149 (2020)].

**spisnii** Consiglio, D. Antonini & M. Antonini, *Il Genere Cortinari in Italia* 2: B153 (2004)

**E:** !

**H:** On calcareous soil near planted *Tilia*.

A single collection (1991) at K from Surrey (Norbury Park) originally filed as *C. dryophiloides* ined. (redet. based on ITS data analysis, K. Liimatainen unpubl.).

**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]

**splendificus** Chevassut & Rob. Henry

Move to 'excluded' list.

**squameoradicans** Bellivier ex Cheype, *Docums Mycol.* 27(no. 106): 18 (1997)

**E:** !

**H:** English collections on chalky woodland soil under *Carpinus betulus* with large *Quercus* nearby.

Collections (2018 & 2021) at K from East Kent (Badgin Wood), one originally determined as *C. caligatus* based on morphological characters and documented as such in Tortelli & Pitt [FM20(4): 137-140 (2019)]. Redetermination based on morphological and ecological evidence (M. Tortelli & G.G. Kibby).

**squamosocephalus** Bidaud, Moëgne-Locc. & Reumaux, *Bull. trimest. Soc. mycol. Fr.* 115(4): 417 (1999)

**E:** !

**H:** English collections fruiting in soil near *Carpinus* or *Quercus*. Collections (2017 & 2006) at K respectively from East Kent (Rice Wood) and Surrey (Vann Lake) redetermined as this and confirmed by matching their barcode sequences with that of the holotype (K. Liimatainen unpubl.).

Move to synonymy of *C. pseudodaulnoyae* (q.v.).

**stillatitius** Fr.

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

**suaveolens** Bat. & Joachim, *Bull. Soc. mycol. Fr.* 36(2): 85 (1920)

**E:** !

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

A collection (2018) at K from East Kent (Badgin Wood) confirmed as this by matching its barcode sequence with that

of this species s. UNITE database (K. Liimatainen unpubl.) and documented in Tortelli & Pitt [FM20(4): 137-140 (2019)].

**subbullardioides** Rob. Henry, *Bull. trimest. Soc. mycol.*

*Fr.* 85(4): 442 (1970) [1969]

**E:** !

**H:** English collections on calcareous soil with *Fagus*.

Two collections (2021) from Surrey (White Downs) and West Kent (Meenfield Wood) determined as this based on a comparison of their ITS sequences (Alvalab) with that obtained from the holotype (identical).

**subcastaneus** Bidaud & Reumaux, in Bidaud, Moëgne-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 10: 515 (2000)

**E:** !

**H:** English collection on damp soil in lakeside carr (*Alnus*, *Salix*, *Betula*).

A collection (2019) at K from Nottinghamshire (Clumber Park) determined as this based on a comparison of its ITS sequence (A.Yu. Biketova, LGC, K. Liimatainen) with that obtained from the holotype.

**subcoronatus** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 576 (2001)

Mis.: *Cortinarius roseipes* sensu auct. Brit.

**E:** !

**H:** English collections fruiting in soil amongst *Helianthemum nummularium*.

Collections (2004 onwards) at K from Derbyshire (Deep Dale), North Somerset (Hellenge Hill), Staffordshire (Castern Wood) and Westmorland (Heathwaite) redetermined as this and confirmed by matching their barcode sequences with that of the holotype. Further details in Liimatainen & Ainsworth [FM19(4): 119-135 (2018)]. It is possible that further molecular analysis will reveal an earlier name for this species.

**subcoronatus** Bidaud

Move to synonymy of *C. subturibulosus* (q.v.).

**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]

**suberythrinus** Moëgne-Locc., in Reumaux & Moëgne-Loccoz, *Bull. trimest. Féd. Mycol. Dauphiné-Savoie* 28(no. 111): 24 (1988)

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

**H:** In soil near broadleaved trees (including *Salix*).

Two collections (2006 and 2011) in K respectively from Carmarthenshire (Burry Port) and South Hampshire (Mockbeggar Lake). Sequenced and originally determined as *C. vernus* under which name it appears in the phylogeny in Overall et al. [FM16(2): 45-48 (2015)]. Subsequently matched with the ITS sequence of the holotype of *C. suberythrinus* and hence redetermined as this (T. Niskanen).

**subgalerooides** 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]

**subgalerooides** Rob. Henry

Move to 'excluded' list.

**subporphyropus** Pilát, *Česká Mykol.* 8(1): 6 (1954)

**E:** !

**H:** In sandy soil under a solitary *Quercus robur* in a *Betula* plantation.

A collection (2009) in K from East Suffolk (Minsmere) determined by matching its barcode sequence (D-H. Wang, K. Liimatainen) with that of the holotype.

**subsaniosus** Liimat. & Niskanen, in Hyde *et al.*, *Fungal Diversity* 100: 252 (2020)

**E:** !

**H:** English collection in coastal sand dune soil near *Salix repens*.

Described with a sequenced English holotype, now in K, collected in Westmorland (Sandscale Haws) and originally determined as *C. chrysomallus* (q.v.).

**subsedens** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 71(3): 218, 219 (1956) [1955]

**E:** !

**H:** In soil near *Castanea sativa*.

A collection (2018) in K from West Kent (Mereworth Woods), determined as this based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**subturibulosus** Kizlik & Trescol, *Docums Mycol.* 21(no. 83): 41 (1991)

*Cortinarius subcoronatus* Bidaud

To head the entry formerly headed by *C. subcoronatus*, which becomes a synonym, following the next generation (Illumina) sequencing of the holotype of *C. subturibulosus* reported in Bellanger *et al.* [*Journal des J.E.C. No. 23*: 3-15 (2021)].

**sutherlandensis** Liimat., D. Savage & Niskanen, in Niskanen & Liimatainen, *Index Fungorum* 528: 2 (2022)

**S:** !

**H:** Scottish collection on soil with *Picea*.

Described with a sequenced Scottish holotype in K. This was originally determined as *C. acutus* collected in 2018 from West Sutherland (Woodcock Hill Plantation).

**tenuifulvescens** Kytöv., Niskanen & Liimat., in Hyde *et al.*, *Fungal Diversity* 80: 232 (2016)

**S:** !

**H:** Scottish collection in mossy woodland soil under *Pinus* with nearby *Picea*.

A collection (2020) in K from Caithness (Blingery Plantation) was determined as this based on matching its barcode sequence with that derived from the type (D-H. Wang, K. Liimatainen).

**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**]

**torvoides** Rob. Henry, in Bidaud, Moënné-Loccoz, Reumaux & Henry, *Atlas des Cortinaires* (Meyzieu) 10: 400 (2000)

**E:** !

**H:** English collection in soil under *Fagus sylvatica* in plantation.

A collection (2008) at K from North Somerset (Long Sutton Plantations) determined as this by matching its barcode sequence with that of the holotype (K. Liimatainen unpubl.).

**transatlanticus** Ammirati, Liimat. & Niskanen, in Niskanen, *Index Fungorum* 197: 4 (2014)

**S:** !

**H:** Scottish collection in soil in *Polytrichum* beds under *Pinus* and *Larix*.

A collection (2023) from Easternness (Daviot Wood) determined by comparing its ITS sequence (99.6% similarity) with that of the holotype (M. Tortelli, C.V. Soler, G.G. Kibby, Aberystwyth University IBERS).

**tugurium** Liimat. & Niskanen, in Niskanen & Liimatainen, *Index Fungorum* 528: 1 (2022)

**W:** !

**H:** Welsh collection on thin soil overlying limestone with *Corylus*.

Described with a sequenced Welsh holotype in K. This was originally determined as *C. infractus* collected in 2011 from Anglesey (Marian-glas).

**ultradistortus** Rob. Henry & Vagnet, in Henry, *Bull. trimest. Soc. mycol. Fr.* 108(4): 220 (1992)

**E:** !

**H:** English collections fruiting in soil amongst *Helianthemum nummularium*.

Collections (2004 onwards) at K from Derbyshire (Coombs Dale), Oxfordshire (Watlington Hill) and Staffordshire (Castern Wood) redetermined as this and confirmed by matching their barcode sequences with those of the holotype. Further details in Liimatainen & Ainsworth [FM19(4): 119–135 (2018)]. It is possible that further molecular analysis will reveal an earlier name for this species.

**uraceonemoralis** Niskanen, Liimat., Dima, Kytöv., Bojantchev & H. Lindstr., in Dima, Liimatainen, Niskanen, Kytövuori & Bojantchev, *Mycol. Progr.* 13(3): 876 (2014)

**E:** !

**H:** In soil near *Betula* and *Quercus*.

A collection (1995) in K from South Devon (Stover Park), originally determined as *C. phaeophyllus* (q.v.), and redetermined based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**vandervekenianus** Verstr. & Gelderblom, *Sterbeekia* 32: 17 (2013)

**E:** !

**H:** In soil.

A collection (2015) in K from East Kent (Putt Wood) sequenced and determined by K. Liimatainen & T. Niskanen.

**vanduzerensis** A.H. Sm. & Trappe, *Mycologia* 64(5): 1149 (1972)

**S:** !

**H:** In soil near *Pinus* on boggy ground.

A collection (2018) in K from South Aberdeenshire (Linn of Dee) determined by comparing its ITS sequence (Alvalab, M. Tortelli) with that of the holotype.

**variiformis** Malençon

Move to 'excluded' list as *C. variiformis* sensu auct. Brit. is more likely to refer to *C. luteocingulatus* (q.v.).

**velenovskyanus** Moënné-Locc. & Reumaux, in Bidaud, Moënné-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**]

**vesterholtii** Frøslev & T.S. Jeppesen, in Frøslev, Jeppesen & Læssøe, *Mycol. Res.* 110(9): 1055 (2006)

**E:** !

**H:** English collections fruiting in soil amongst *Helianthemum nummularium* or near *Carpinus betulus*.

Collections (2002 onwards) at K from East Kent (Putt Wood), North Somerset (Hellenge Hill) and Staffordshire (Castern Wood) confirmed or redetermined as this by matching their barcode sequences with those of the holotype. Further details in Liimatainen & Ainsworth [FM19(4): 119–135 (2018)].

**vicinus** Bidaud, Consiglio, D. Antonini & M. Antonini, in Consiglio, Antonini & Antonini, *Il Genere Cortinarius in Italia* 3: C185 (2005)

**E:** !

**H:** English collection on clay/sand soil in short mossy grass near *Quercus robur*.

A collection (2020) from East Sussex (Fairlight) determined as this based on a comparison of its ITS sequence with that obtained from an isotype collection (N. Aplin, IBERS, K. Liimatainen). For more details, see Overall [FM22(2): 64-65 (2021)].

**vicus** Liimat., Danhao Wang & Niskanen, in Liimatainen, Wang, Savage, Niskanen & Kytövuori, *Index Fungorum* 524: 3 (2022)

**E:** !

**H:** In soil of mixed woodland with *Fagus sylvatica*. Described with a sequenced English holotype, now in K, collected in 2008 from North Somerset (Long Sutton Plantation).

**vikingus** Liimat., Danhao Wang, D. Savage & Niskanen, in Liimatainen, Wang, Savage, Niskanen & Kytövuori, *Index Fungorum* 524: 2 (2022)

**S:** !

**H:** In soil associated with *Betula*. Described with a sequenced Scottish holotype, now in K, collected in 2019 from Caithness (Ousdale).

**violaceipes** Bidaud & Consiglio, in Bidaud, Moëgne-Loccoz, Reumaux, Carteret & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 11: 615 (2001)

**E:** !

**H:** English collection on soil under *Carpinus* and *Fagus*. A collection (2020) from East Kent (Badgin Wood) determined as this based on a comparison of its ITS sequence (Alvalab & K. Liimatainen) with that obtained from the type.

**violaceonitens** (Rob. Henry) Moëgne-Locc., in Bidaud, Moëgne-Loccoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 18(1, 2): 1375 (2009)

**E:** !

**H:** On soil in deciduous woodland. British collection associated with *Fagus sylvatica*. A single collection (2004) in K from East Sussex (Flatropers Wood) originally determined as *C. camptoros* (q.v.) (redet. based on ITS data analysis, K. Liimatainen unpubl.).

**violaceopapillatus** Bidaud, in Bidaud, Moëgne-Loccoz, Reumaux & Carteret, *Atlas des Cortinaires* (Meyzieu) 19: 1509 (2010)

**E:** !

**H:** In soil with *Fagus*. Occurrence in Surrey verified by matching barcode sequence(s) with that of the holotype fide Kibby & Tortelli (2021).

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

**viridiflavus** Ammirati, Bojantchev, Liimat. & Niskanen, in Niskanen, *Index Fungorum* 197: 4 (2014)

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

**H:** In soil near conifers (including *Picea* and *Pinus*). Two collections (1998 and 2000) in K respectively from Cardiganshire (Hafod) and East Cornwall (Cabilla Wood) and respectively originally determined as *C. fervidus* and *C. malicorius*. Subsequently matched with the ITS sequence of the holotype of *C. viridiflavus*, but with a few differences, and hence this was redetermined as *C. viridiflavus* s.l. (K. Liimatainen).

**xanthocephalus** P.D. Orton

Move *C. azureovelatus* (q.v.) from synonymy of *C. anomalus* to the head of the current *C. xanthocephalus* entry. *C. xanthocephalus* is reduced to a synonym.

**xanthochlorus** Rob. Henry, *Bull. trimest. Soc. mycol. Fr.* 82: 117 (1966)

**E:** !

**H:** On chalky woodland soil near *Fagus* and *Quercus*. A collection (2019) at K from East Kent (Badgin Wood) determined as this by M. Tortelli with advice from T.G. Frøslev & T.S. Jeppesen.

**xantholamellatus** Bidaud, in Bidaud, Moëgne-Loccoz, Carteret, Reumaux & Eyssartier, *Atlas des Cortinaires* (Meyzieu) 15: 1033 (2005)

**E:** !

**H:** In soil in *Fagus sylvatica* plantation.

A collection (2008) in K from North Somerset (Long Sutton Plantation) determined by matching its barcode sequence (D-H. Wang, K. Liimatainen) with that of the holotype.

## CRATERELLUS Pers.

Move *Pseudocraterellus* to synonymy following Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis. (2009)].

**cinereus** (Pers.) Pers.

Name changed from *Cantharellus cinereus* following the taxonomic treatment in Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis. (2009)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)].

**lutescens** (Fr.) Fr.

Name changed from *Cantharellus aurora* (nom. illegit.) following the taxonomic treatment in Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis. (2009)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)]. *C. lutescens* sensu Fries is now a conserved name with a conserved type.

**melanoxeros** (Desm.) Pérez-De-Greg., in Carbó, Pérez-De-Gregorio, Rocabrana, Vila, Llistosella, Tabarés, Ballarà, Rodríguez, Torrent & Cortés, *Bolets de Catalunya* (Barcelona) 19(901–950): làm. 908 (2000)

Name changed from *Cantharellus melanoxeros* following the taxonomic treatment in Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis. (2009)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)].

**sinuosus** (Fr.) Fr.

Name changed from *Pseudocraterellus undulatus*. Controversy over the epithet remains, however, as there are three competing sanctioned names. For further details see Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis (2009)].

**Crepidotus calolepis** (Fr.) P. Karst.

**E:** ! **NI:** !

**H:** On dead wood of broadleaved trees.

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

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

**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 [*vide* Brodie (1975)]. Brodie (1975)]. [UD4]

**CRUENTOMYCENA** R.H. Petersen, Kovalenko & O.V. Morozova, *Mycotaxon* 105: 123 (2008)

Type: *Cruentomyces viscidocruenta* (Cleland) R.H. Petersen & Kovalenko

**viscidocruenta** (Cleland) R.H. Petersen & Kovalenko, *Mycotaxon* 105: 123 (2008)

**E: ! NI: !**

**H:** UK collections on fallen wood and litter of *Eucalyptus*, *Fagus* and *Ulex*.

A collection (2021) in K from West Cornwall (Tresco) determined as this based on morphology (P. Penna). There is also a record in 2021 from County Down (Castlewelan Forest Park). For further details, see Penna [FM23(4): 113-114 (2022)].

**Crustoderma fibuligerum** (K.S. Thind & S.S. Rattan) Duhem, *Bull. Soc. mycol. Fr.* 125(3 & 4): 181 (2010) [2009]

*Peniophora fibuligera* K.S. Thind & S.S. Rattan, *Mycologia* 65(6): 1253 (1974) [1973]

**S: !**

**H:** Scottish collection on conifer log.

A collection at K (2018) from Mid Perthshire (The Hermitage) determined as this by K.-H. Larsson.

**CRYPTOMARASMIUS** T.S. Jenkinson & Desjardin, in Jenkinson, Perry, Schaefer & Desjardin, *Mycologia* 106(1): 91 (2014)

Type: *Cryptomarasmius corbariensis* (Roum.) T.S. Jenkinson & Desjardin

The following change from *Marasmius* is required following the molecular analysis in Jenkinson *et al.* [*Mycologia* 106(1): 86-94 (2014)].

**corbariensis** (Roum.) T.S. Jenkinson & Desjardin, in Jenkinson, Perry, Schaefer & Desjardin, *Mycologia* 106(1): 91 (2014)

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

**H:** British and Irish collections on dead leaves of *Hedera* or ?*Hedera*.

Amend entry as above and replace **Notes** with: "Irish collection (1979) and English collection (2018) in K respectively from Cork (near Millstreet) and West Cornwall (Illogan Woods). For further details of collections from England and Ireland, see Henrici [FM19(3): 105-107 (2018)] and for those of Welsh collections, see Aron [FM21(3): 82-84 (2020)]."

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

Type: *Cuphophyllum pratensis* (Fr.) Bon

**atlanticus** J.B. Jordal & E. Larss., *Agarica* 42: 41 (2021)

Mis.: *Cuphophyllum canescens* sensu auct. Brit.

Mis.: *Hygrocybe canescens* sensu auct. Brit.

**S: !**

**H:** On acidic to moderately calcareous soil in unimproved grazed or cut grassland.

Replace entry for *C. canescens* with the above and replace **Notes** with: "Two collections (2005 & 2012) in K respectively from Caithness (Dunbeath Strath) and Clyde Isles (Dun Hill of Glenmore), both determined as *C. canescens*, and one (2000) in E from Selkirkshire (Quaveburn), determined as

*Hygrophorus lacmus*, were sequenced and redetermined as this based on a comparison of their barcodes with that derived from the holotype (B.T.M. Dentinger *et al.*). All historic British records of *Hygrocybe canescens* should be renamed as this unless DNA evidence to the contrary is available. For further details regarding the distribution of *C. canescens*, see Jordal & Larsson [*Agarica* 42: 39-48 (2021)].

The following name changes from *Hygrocybe* are required:

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

Name changed from *Hygrocybe aurantia*.

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

Name changed from *Hygrocybe canescens*. [See entry for *C. atlanticus* for updated interpretation].

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

Name changed from *Hygrocybe colemanniana*.

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

Name changed from *Hygrocybe flavipes*.

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

Name changed from *Hygrocybe fornicata*.

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

Name changed from *Hygrocybe lacmus*.

**lepidopus** (Rea) A.M. Ainsw., *Index Fungorum* 332: 1 (2017)

Name changed from *Hygrocybe fornicata* var. *lepidopus* based on molecular data (A.M. Ainsworth *et al.* unpubl.).

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

Name changed from *Hygrocybe pratensis*.

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

Name changed from *Hygrocybe radiata*.

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

Name changed from *Hygrocybe russocoriacea*.

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

Name changed from *Hygrocybe virginea*.

**CYANOBOLETUS** Gelardi, Vizzini & Simonini, in Vizzini, *Index Fungorum* 176: 1 (2014)

Type: *Cyanoboletus pulverulentus* (Opat.) Gelardi, Vizzini & Simonini

The following species is now moved from *Boletus*.

**pulverulentus** (Opat.) Gelardi, Vizzini & Simonini, in Vizzini, *Index Fungorum* 176: 1 (2014)

**Cyphellostereum laeve** (Fr.) D.A. Reid

Name changed to *Muscinipta laevis* (q.v.).

**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 granulosum** (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 synonym.  
[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 synonym.  
[UD5]

**Cystolepiota fumosifolia** (Murrill) Vellinga

**E:** !  
**H:** On soil in heated glasshouses or outdoors in more natural  
habitats.  
Move from list of alien taxa and replace first sentence of **Notes**  
with: Formerly thought to be an alien found in Kew  
glasshouses, but there are collections at K (2004 onwards)  
from East Gloucestershire (Colesbourne), North Somerset  
(Tyntesfield) and Surrey (Kew Gardens) which are from  
outdoor garden or woodland sites.

**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.) Qué. [UD4]

**Dendrothele amygdalispورا** Hjortstam  
Move to 'excluded' list. [UD5]

**Dendrothele citrispora** 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. amygdalispورا* (see above), *D. cf.*  
*amygdalispورا* 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]

**fragilis** (Pers.) Donk  
Move to 'excluded' list as the only collection in K supporting its  
inclusion has been redetermined as *Sarcodontia crocea*  
following sequencing and analysis of its ITS sequence (R.  
Wright & E. Gaya, GGI Project).

**Dermoloma alexandri** Consiglio, in Contu, Consiglio &  
Setti, *Micol. Veg. Medit.* 22(2): 84 (2008) [2007]

**W:** !  
**H:** In grassland soil.  
A collection (2021) in K from Pembrokeshire (Angle)  
determined as this based on a comparison of its ITS sequence  
with that of the holotype (D.J. Harries).

**Dermoloma alexandri** Consiglio  
Now recognised as a later synonym of *D. intermedium* (q.v.)  
following Adamčíková *et al.* [*IMA Fungus* 16(e157337): 1-145  
(2025)].

**Dermoloma applanatum** Corriol & P.-A. Moreau, in  
Adamčíková *et al.*, *IMA Fungus* 16(e157337): 31 (2025)

**W:** !  
**H:** In lawn soil.  
Described with a sequenced Welsh holotype (2014) in SAV from  
Pembrokeshire (Upton Castle) and two Welsh paratypes (*ibid.*  
and Montgomeryshire, Powis Castle).

**Dermoloma atrocinerum** (Pers.) P.D. Orton

**W:** !  
**H:** In grassland soil.  
Remove from synonymy of *D. cuneifolium* and recognise as a  
separate species based on a comparison of a DNA barcode  
sequence generated from a 2014 collection from  
Pembrokeshire (Upton Castle) with that obtained from the  
Italian neotype. For further details, see Sánchez-García *et al.*  
[*Mycol. Prog.* 20: 11-25 (2021)].

**Dermoloma bellerianum** Bon, *Docums Mycol.* 28(nos 109-  
110): 6 (1998)

**W:** !  
**H:** In grassland soil.  
Recognised sensu Sánchez-García *et al.* [*Mycol. Prog.* 20: 11-25  
(2021)] based on a comparison of DNA sequences generated  
from a 2014 collection from Pembrokeshire (Upton Castle)  
with those obtained from other European collections. For  
further details, see Sánchez-García *et al.* [*Mycol. Prog.* 20:  
11-25 (2021)], who were unable to obtain corresponding DNA  
sequences from the holotype specimen. **The Welsh collection**  
**subsequently became the designated epitype.**

**Dermoloma compactum** Fries & Karich, in Adamčíková *et*  
*al.*, *IMA Fungus* 16(e157337): 45 (2025)

**W:** !

**H:** In grassland soil.

Described with a Welsh paratype (2021) in ABS from Carmarthenshire (Graig) which was originally determined as *D. magicum*.

**Dermoloma confusum** P.-A. Moreau & Courtec., in Adamčíková et al., *IMA Fungus* 16(e157337): 48 (2025)

**W:** !

**H:** In lawn soil.

Described with a sequenced Welsh holotype and two paratypes (2014) in SAV from Pembrokeshire (Upton Castle).

**Dermoloma fuscobrunneum** P.D. Orton

**E:** !

**H:** In woodland or grassland soil.

Described with an English holotype (1975) in E collected in Dorset (Bickham Wood). Remove from synonymy of *D. cuneifolium* and recognise as a distinct species following its epitypification in Adamčíková et al. [*IMA Fungus* 16(e157337): 1-145 (2025)] who tried to generate a barcode sequence from the holotype without success.

**Dermoloma fusipes** Arnolds & D.J. Harries, in Adamčíková et al., *IMA Fungus* 16(e157337): 64 (2025)

**W:** !

**H:** In lawn soil.

Described with a sequenced Welsh holotype and a paratype (2014) in SAV from Montgomeryshire (Powis Castle).

**Dermoloma huartii** P.-A. Moreau & Corriol, in Adamčíková et al., *IMA Fungus* 16(e157337): 72 (2025)

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

**H:** In grassland or woodland soil.

Described with a sequenced Welsh paratype (2014) in SAV from Montgomeryshire (Powis Castle). There is also a sequenced English collection (2024) from West Gloucestershire (Damery) (S. Harding).

**Dermoloma intermedium** Bon, *Docums Mycol.* 9(no. 35): 42 (1979)

*Dermoloma alexandri* Consiglio

**W:** !

**H:** In grassland soil.

A collection (2021) in K from Pembrokeshire (Angle) originally determined as *D. alexandri* based on a comparison of its ITS sequence with that of the holotype (D.J. Harries). Now recognised as a later synonym of *D. intermedium* following Adamčíková et al. [*IMA Fungus* 16(e157337): 1-145 (2025)] who also accept a collection (2019) in SAV from Pembrokeshire (Pembroke Dock).

**Dermoloma phaeopodium** P.D. Orton

*Dermoloma josserandii* var. *phaeopodium* (P.D. Orton) Arnolds

**E:** !

**H:** In grassland soil.

Remove from synonymy of *D. josserandii* var. *phaeopodium* to the head of that entry. Replace **Notes** with: "Recognised at specific rank based on phylogenetic placement of a DNA barcode sequence generated from the English holotype (Devon, Membury). For further details, see Sánchez-García et al. [*Mycol. Prog.* 20: 11-25 (2021)]."

**Dermoloma pseudocuneifolium** Herink ex Bon

Move to 'excluded' list. Now regarded as a *nomen dubium* following Adamčíková et al. [*IMA Fungus* 16(e157337): 1-145 (2025)] who stated that the newly-described *D. confusum* (q.v.) represents "the widely accepted concept of *D. pseudocuneifolium*" including the taxon referred to "*D. pseudocuneifolium*" by Sánchez-García et al. [*Mycol. Prog.* 20: 11-25 (2021)].

**Dermoloma simile** Adamčík & Jančovič., in Adamčíková et al., *IMA Fungus* 16(e157337): 112 (2025)

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

**H:** In lawn soil.

Described with a sequenced Welsh holotype (2014) from Pembrokeshire (Upton Castle) and Welsh (*ibid.*) and English (Shropshire, Shrewsbury Cemetery) paratypes (2014), all of which are preserved in SAV.

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

Type: *Descolea antarctica* Singer

**DESCOLEA** Singer emend. Kuhar, Nohra & M.E. Smith.

*Setchelliogaster* Pouzar

Synonymy based on molecular studies [Kuhar et al., *Fungal Biology* 121: 876–889 (2017)].

**alba** (Berk.) Kuhar, Nohra & M.E. Sm., in Kuhar, Smith, Mujic, Truong & Nohra, *Fungal Biology* 121(10): 883 (2017)  
*Hymenogaster albus* Berk., *Ann. Mag. nat. Hist.*, Ser. 1 13: 349 (1844)

*Descomyces albus* (Berk.) Bougher & Castellano, *Mycologia* 85(2): 280 (1993)

Add to **Notes**: Previously listed in CBIB (and BritTruff) as *Hymenangium album* Klotzsch 1839 but this name is based on Bulliard's *Tuber album* and is regarded as a misapplication, as was Berkeley's earlier (1836) usage of *Rhizopogon albus*. The rationale for citing *Hymenogaster albus* Berk. as basionym is fully explained in Bougher [*Mycotaxon* 108: 313–318. (2009)] and summarised in Henrici [FM20(3): 82–83 (2019)].

**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**]

**antarctica** Singer

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

**H:** On soil under *Nothofagus*.

Amended entry: Collections (from 2007 onwards) in E from Shetland (Lerwick) and in K from East Sussex (Wakehurst Place) and Leicestershire (Grace Dieu Woods). Probably introduced in Britain as a mycorrhizal partner of *Nothofagus* roots.

**tenuipes** (Setch.) Neville & Poumarat, in Neville, Poumarat &

Ivaldi, *Bull. Soc. mycol. Fr.* 120(1–4): 68 (2005) [2004]

*Secotium tenuipes* Setch., *J. Mycol.* 13(6): 239 (1907)

*Setchelliogaster rheophyllus* (Bertault & Malençon) G.

Moreno & Kreisel

Name changed from *Setchelliogaster rheophyllus* based on molecular studies [Kuhar et al., *Fungal Biology* 121: 876–889 (2017)].

**Dichomitus campestris** (Quél.) Domański & Orlicz

*Corirolellus campestris* (Quél.) Bondartsev, *Trutovye griby*

*Evropeiskoi chasti SSSR i Kavkaza*: 515 (1953)

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

**Dichomitus efibulatus** A.M. Ainsworth & Ryvarden, *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**]

**Dichostereum effuscatum** (Cooke & Ellis) Boidin & Lanq., *Mycotaxon* 6(2): 284 (1977)

**E:** !

**H:** English collection on wood of *Acer campestre*.

A collection (2025) in K from West Kent (Marden), determined as this based on morphology (J. Sharp, L. Zibarová, A.M. Ainsworth).

**Diplomitoporus flavescens** (Bres.) Domański  
*Antrodia flavescens* (Bres.) Ryvarden, *Norweg. J. Bot.* 20: 8 (1973)

Add *Antrodia flavescens* (omitted from printed Checklist) to synonymy. [UD2]

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

**DISSODERMA** (A.H. Sm. & Singer) Singer, *Beih. Sydowia* 7: 69 (1973)

Type: *Dissoderma paradoxum* (A.H. Sm. & Singer) Singer

**galerinicola** I. Saar, in Saar, Thorn, Nagasawa, Henkel & Cooper, *Mycologia*: 10.1080/00275514.2022.2059639, 18 (2022)

*Squamanita scotica* nom. inval.

Mis.: *Squamanita contortipes* sensu auct. Eur.

**S: ! W: !**

**H:** On basidiomata of *Galerina*.

A collection (1957) in E, described as *S. scotica* nom. inval., from Easternness (Tullochgrue) and a collection (2014) in ABS from Breconshire (Epynt) documented in Griffith *et al.* [*Fungal Ecology* 39: 131-141 (2019)]. Formerly known as *S. contortipes*, a species now moved to 'excluded' list as a synonym of *Dissoderma contortipes* (q.v.). *S. contortipes* is now regarded as a North American taxon. Its European counterpart, originally given the invalid name *S. scotica*, is now recognised as *D. galerinicola* (q.v.) following Saar *et al.* [*Mycologia* 114(4): 769-797 (2022)].

**odoratum** (Cool) I. Saar & Thorn, in Saar, Thorn, Nagasawa, Henkel & Cooper, *Mycologia*: 10.1080/00275514.2022.2059639, 22 (2022)

*Squamanita odorata* (Cool) Imbach

Move from *Squamanita*.

**paradoxum** (A.H. Sm. & Singer) Singer, *Beih. Sydowia* 7: 69 (1973)

*Squamanita paradoxa* (A.H. Sm. & Singer) Bas

Move from *Squamanita*.

**pearsonii** (Bas) Bon, *Docums Mycol.* 29(no. 115): 34 (1999)

*Squamanita pearsonii* Bas

Move from *Squamanita*.

**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 *fide* 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 jacobii* 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]

**Eichleriella deglubens** (Berk. & Broome) D.A. Reid, *Trans. Brit. Mycol. Soc.* 55: 436 (1970)

Recombining author's name is as shown above and as printed in the 2005 CBIB book, but not as shown in the online database. Move *E. kmetii* (and its two homotypic synonyms) from synonymy to 'excluded' list as this is now recognised as a distinct species, *Heteroradulum kmetii*, not known in the CBIB area (except as a misapplication sensu auct. Brit.). This entry should now be headed by the name *Heteroradulum deglubens* (q.v.).

**Eichleriella leucophaea** Bres., *Annls mycol.* 1(2): 116 (1903)

**E: !**

**H:** On dead attached twigs of *Symphoricarpos albus*.

Two collections (2011 & 2012) from Buckinghamshire (Langley Station), one of which is in K and was determined as this based on morphological characters and a comparison of its ITS sequence with those published in Malysheva & Spirin [*Fungal Biology* 121(8): 689-715 (2017)]. Further details in Ainsworth *et al.* [FM23(1): 7-10 (2022)].

**EMMIA** Zmitr., Spirin & Malysheva, in Zmitrovich, Malysheva & Spirin, *Mycena* 6: 33 (2006)

Type: *Emmia latemarginata* (Durieu & Mont.) Zmitr., Spirin & Malysheva, in Zmitrovich, Malysheva & Spirin, *Mycena* 6: 33 (2006)

Recent molecular studies [Wu *et al.*, *Mycologia* (2017) DOI: 10.1080/00275514.2017.1405215] have shown that *Oxyporus latemarginatus* is not closely related to the type of the genus thus justifying the recognition of *Emmia*.

**latemarginata** (Durieu & Mont.) Zmitr., Spirin & Malysheva, in Zmitrovich, Malysheva & Spirin, *Mycena* 6: 33 (2006)

Name changed from *Oxyporus latemarginatus*.

**Entoloma ameides** (Berk. & Broome) Sacc.

*Entoloma vezzenaense* Noordel. & Hauskn.

Expand the synonymy as above following FungEur5B.

**Entoloma ammophilum** G.M. Jansen, Dima, Noordel. & Vila, in Crous *et al.*, *Persoonia* 46: 443 (2021)

**S: !**

**H:** Scottish collection in coastal calcareous grassland soil.

A collection (2024) from Caithness (Dunnet Links) determined by comparing its ITS sequence (ALVALAB) with that of the holotype (identical) and documented in Donegan *et al.* [FM26(1): 14-16 (2025)].

**Entoloma argenteostriatum** Arnolds & Noordel.

Move to the synonymy of *E. fernandae* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma argillaceum** O.V. Morozova, Reschke, Corriol, Noordel., Zvyagina, E.F. Malysheva & Svetash., in Reschke, Morozova, Dima, Cooper, Corriol, Biketova, Piepenbring & Noordeloos, *Persoonia* 49: 160 (2022)

**NI: !**

**H:** In grassland soil.

A collection (2024) from Co. Antrim (Linford Barrows) determined by comparing (99.8%) its ITS sequence (D. Mitchel) with that of the holotype.

**Entoloma asprellum** (Fr.) Fayod*Entoloma insidiosum* Noordel.*Entoloma pseudocoelestinum* Arnolds

Expand the synonymy as above following FungEur5B whose authors stated that "the type of *E. insidiosum* appeared to be identical in ITS" when compared to a newly designated and sequenced neotype of *E. asprellum*.

**Entoloma atroenigmaticum** Noordel. & Hauskn., *Öst. Z. Pilzk.* 11: 120 (2002)

**E:** !**H:** English collection in woodland soil.

New record. A collection (2016) at K from South Hampshire (Ocknell Inclosure).

**Entoloma atromadidum** A.M. Ainsw. & B. Douglas, in Ainsworth, Douglas & Suz, *Field Mycology* 19(1): 9 (2018)

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

**H:** Occurs in nutrient-poor grazed or mown grassland soil with one known site on thin soil overlying limestone pavement beneath scrub woodland.

Newly-described species with holotype from Oxfordshire (Watlington Hill). Collections (1982 onwards) at K, many of which were originally assigned to *E. bloxamii* (q.v.) or *E. madidum* (q.v.) and redetermined as this by matching their barcode sequences with those of the holotype. Further details in Ainsworth *et al.* [*Field Mycology* 19(1): 5–14 (2018)].

**Entoloma bloxamii** (Berk. & Broome) Sacc.

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

Now recognised in a restricted (and epitypified) sense alongside a reinstated (and neotypified) *E. madidum* (q.v.), *E. ochreoprunuloides* f. *hyacinthinum* and the newly-described *E. atromadidum* (q.v.), all of which constitute *E. bloxamii* s.l. This taxonomic revision is based on the molecular analyses in Morgado *et al.* [*Persoonia* 31: 159–178 (2013)] and in Ainsworth *et al.* [*Field Mycology* 19(1): 5–14 (2018)]. The revised distribution data above are based on currently available molecular evidence.

**Entoloma bryorum** Romagn., *Docums Mycol.* 18(no. 72): 62 (1988)

**E:** !**H:** In soil.

A collection (2024) from East Sussex (Chiddinglye Estate) determined by comparing its ITS sequence (identical) with a reference sequence accepted in Kokkonen [*Mycol. Progr.* 14(no. 116): 1-52 (2015)]. The record is documented in iNaturalist (D. Tighe): <https://www.inaturalist.org/observations/241652841>

**Entoloma caccabus** (Kühner) Noordel.

Remove *E. paludicola* and its synonyms from synonymy and recognise as a distinct species based on the differences between the barcode sequences derived from the holotype of *E. paludicola* and the lectotype of *E. caccabus* published in Kokkonen [*Mycol. Progr.* 14(no. 116): 1-52 (2015)].

**Entoloma caeruleum** (P.D. Orton) Noordel.

Move to the 'excluded' list following FungEur5B whose authors regarded this name as a *nomen dubium* to be abandoned. They considered that Orton's species is "close to, if not identical with" *E. mougeotii* but could not obtain a barcode sequence from the holotype to confirm this. On the other hand, they considered that *E. caeruleum* sensu Noordeloos represented *E. allospermum*.

**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 calthionis** Arnolds & Noordel.

Move to the synonymy of *E. ventricosum* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma caulocystidiatum** Noordel. & Dima, in Noordeloos, Jansen, Jordal, Morozova, Weholt, Brandrud, Vila, Karich, Reschke, Lorås, Krisai-Greilhuber & Dima, *Mycol. Prog.* 21(5, no. 48): 20 (2022)

New name at specific rank to head the entry formerly headed by *E. rhombisporum* var. *floccipes*, which is regarded as a *nom. inval.* following Noordeloos *et al.* [*Mycol. Prog.* 21(5, no. 48): 1-32 (2022)] who stated that "two herbaria were indicated in the protologue".

**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 conicosericeum** Vila, Ferr. Caball. & Eysart., *Fungi Non Delineati*, Raro vel Haud Perspecte et Explorate Descripti aut Definite Picti 66: 21 (2013)

**E:** !**H:** In grassland soil.

An English collection (2023) from North Hampshire (The Vyne) determined by comparing its ITS sequence (E. Janke) with that of the holotype (99.5%).

**Entoloma conocybecystis** Noordel. & Liiv, *Persoonia* 15(1): 28 (1992)

**W:** !**H:** Welsh collection in grassland.

New record. A Welsh collection published in Griffith *et al.* [*Mycosphere* 4(5): 969–984. (2013)].

**Entoloma coracis** Brandrud, Dima, Noordel., G.M. Jansen & Vila, in Crous *et al.*, *Persoonia* 46: 445 (2021)

**S:** ! **NI:** ! **ROI:** !**H:** In grassland soil.

A sequenced collection from the Republic of Ireland (2000) in K from Co. Sligo (Mullaghmore Dunes), originally filed as *E. caeruleopolitum*, is now redetermined based on the similarity of its ITS sequence with that of the holotype (99.1%). Collections (2022 to 2024) from N. Ireland from Co. Antrim (Little Deer Park ASSI) and Co. Fermanagh (Knockmore and Marlbank ASSI) determined by comparing their ITS sequences (D. Mitchel) with that of the holotype (over 99.6% similarity). A collection (2024) from Caithness (Dunnet Links) determined by comparing its ITS sequence (ALVALAB) with that of the holotype (99.9%) and documented in Donegan *et al.* [*FM26*(1): 14-16 (2025)]. This is likely to prove to be a fairly common component of the *E. corvinum* complex in which *E. corvinum* s.str. is interpreted as a species of alpine habitats.

**Entoloma cremeoalbum** J.B. Jordal & Noordel., *Öst. Z. Pilzk.* 19: 127 (2010)

**H:** English collection in short grassland.

A collection (2023) from Middlesex (Hounslow Heath) determined by comparing its ITS sequence with that generated from the holotype (99.8% similarity) as documented in Overall [*FM25* (1): 27-31 (2024)]. Note that further taxonomic studies may result in the relegation of this name to the synonymy of *E. neglectum*.

**Entoloma cremeoalbum** J.B. Jordal & Noordel.

Move to the synonymy of *E. neglectum* (q.v.).

**Entoloma difforme** Naveau, *Natuurw. Tijdschr.* 5: 75 (1923)

**E:** !**H:** English collection on parkland soil in grass under *Tilia* sp.

An overlooked collection (2009) in K from East Cornwall (Bodmin), determined as this based on morphology (K. Preston-Mafham) and conf. A. Henrici & G.G. Kibby.

**Entoloma eborinum** J.B. Jordal, O.V. Morozova, Reschke, Noordel., Bendiksen & Dima, *Persoonia* 56: 224 (2026)

**NI:** !

**H:** In grassland soil.

A collection (2023) from Co. Antrim (Rathlin Island) determined by comparing its ITS sequence (D. Mitchel) with that of the holotype (99.6%).

**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 fusconigrum** G.M. Jansen, Dima, A.M. Ainsw., M.A. Roberts & Biketova *Persoonia* 56: 295 (2026)

**W:** !

**H:** Welsh collection in embankment soil near *Quercus*, *Corylus* and *Coniferae*.

Described with a sequenced (A.Yu. Biketova) Welsh paratype (2022) in K from Denbighshire (Melin-y-Wig) collected in March and originally filed in K as *E. cf. chytrophilum*, which is macroscopically similar.

**Entoloma fuscotomentosum** F.H. Møller

*Entoloma sericeonitens* (P.D. Orton) Noordel.

Expand the synonymy as above following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**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 glaucobasis** Huijsman ex Noordel., *Persoonia* 12(4): 260 (1985)

**W:** !

**H:** Welsh collection in grassland.

New record. A Welsh collection published in Griffith *et al.* [*Mycosphere* 4(5): 969-984. (2013)].

**Entoloma graphitipes** E.Ludw., *Pilzkompendium* (Eching) 2([2]): 290 (2007)

**E:** !

**H:** English collection in soil with mosses around *Acer buergerianum*.

A collection (2024) in K from Surrey (Bonsai House, Kew Gardens) determined by comparing its ITS sequence (M. Parslow & I.A. Miles Bunch) with those forming a clade (e.g. with 99% similarity) which included a sequence derived from the holotype (98.2% similarity, ITS2) and published in Vila *et al.* [*Revista Catalana de Micologia* 35: 65-99 (2014)].

**Entoloma griseorubidum** Noordel.

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

**Entoloma hebes** (Romagn.) Trimbach

Remove *E. leptopus* from synonymy to head a new entry with *Nolanea tenuipes* as its synonym following FungEur5B.

**Entoloma incognitum** Reschke, Noordel., O.V. Morozova & Corriol, in Reschke, Morozova, Dima, Cooper, Corriol, Biketova, Piepenbring & Noordeloos, *Persoonia* 49: 163 (2022)

Mis.: *Entoloma solstitiale* (Fr.) Noordel.

New name to head the entry formerly headed by *E. solstitiale*, which is now regarded as a misapplied name following Reshke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma insidiosum** Noordel.

Move to the synonymy of *E. asprellum* (q.v.) following FungEur5B. Delete existing **Notes**.

**Entoloma inusitatum** Noordel., Enderle & H. Lammers  
A later synonym of *E. leucocarpum* (q.v.) fide M.E. Noordeloos.

**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 juncinum** (Kühner & Romagn.) Noordel.

Move to the synonymy of *E. minutum* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma kuehnerianum** Noordel.

Move to the synonymy of *E. hirtipes* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma langei** Noordel. & T. Borgen

Move to the synonymy of *E. cuneatum* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma lanuginosipes** Noordel.

Move to the synonymy of *E. cuneatum* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma leptopus** Noordel.

*Nolanea tenuipes* P.D. Orton

Separate from synonymy of *E. hebes* following FungEur5B and recognise as a distinct species with Orton's *Nolanea tenuipes* as synonym (*Entoloma tenuipes* 1917 already occupied).

**Entoloma leucocarpum** Noordel., *Persoonia* 11(2): 189 (1981)

*Entoloma inusitatum* Noordel., Enderle & H. Lammers

**E:** !

**H:** In soil.

Replace **Notes** with: Originally accepted on the basis of a single record from Surrey (Newlands Corner) determined as *E. inusitatum* by M.E. Noordeloos in 1999. Now with a collection (2024) in K from Middlesex (Chelsea Physic Garden) determined by comparing its ITS sequence (A.S. Overall) with that of the holotype (identical).

**Entoloma lilacinoroseum** Bon & Guinb., in Bon, *Boll. Gruppo Micol. 'G. Bresadola'* (Trento) 27(1-2): 91 (1984)

**E:** !

**H:** English collection in soil in grazed upland acidic waxcap grassland.

A collection (2022) from South Lancashire (Cartridge Clough) determined as this based on morphological characters (S. Hindle) and confirmed by M.E. Noordeloos.

**Entoloma longistriatum** (Peck) Noordel.

Move to 'excluded' list following Brandrud *et al.* [*Agarica* 43: 85-137 (2023)] who noted that, since this was originally described from the USA and lacks a sequenced type, it should be excluded from European lists until DNA-based evidence to the contrary is forthcoming. They suggested that European collections currently assigned here are likely to belong either to *E. sarcitulum* (q.v.) or to the very closely related *Leptonia majuscula* (q.v.) (to which they apply the currently provisional name "*E. majusculum* (Kühner & Romagn.) Noordel., O.V. Morozova, Brandrud & Dima in print s.l.>").

**Entoloma longistriatum var. sarcitulum** (P.D. Orton) Noordel.

Following Brandrud *et al.* [*Agarica* 43: 85-137 (2023)], this should be distinguished from *E. longistriatum* (q.v.) and recognised at species level as *E. sarcitulum* (q.v.).

**Entoloma luteobasis** Ebert & E. Ludw., *Z. Mykol.* 58(2): 190 (1992)

Move to head the entry currently headed by *E. ochreoprunuloides* following Brandrud *et al.* [*Agarica* 39: 31-52 (2020)] who concluded that the latter was a more recent synonym based on matching the barcode sequences derived from the holotypes of both species (identical).

**Entoloma madidum** Gillet

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

Move from 'excluded' list. Now recognised in a neotypified sense and distinct from epitypified *E. bloxamii* (q.v.). This taxonomic revision is based on the molecular analyses in Morgado *et al.* [*Persoonia* 31: 159–178 (2013)] and in Ainsworth *et al.* [*Field Mycology* 19(1): 5–14 (2018)]. The revised distribution data above are based on currently available molecular evidence.

**Entoloma melanosmum** Noordel., *Persoonia* 12(3): 286 (1984)

**S:** !

**H:** In montane soil.

A Scottish collection (2025) from East Ross (Carn Chuinneag) determined by comparing its ITS sequence (D. Mitchel) with that of the holotype (99%).

**Entoloma moserianum** Noordel., *Sydowia* 36: 208 (1983)

**E:** !

**H:** English collection in long grass by old hedgerow.

New record. A collection (2016) at K from West Gloucestershire (Thornbury) confirmed by M.E. Noordeloos. Further details in Kibby & Harding [FM17(3): 98–99].

**Entoloma myrmecophilum** (Romagn.) M.M. Moser

Move to the synonymy of *E. sericatum* (q.v.) following Kokkonen [*Mycol. Progr.* 14(no. 116): 1-52 (2015)]. Delete existing **Notes**.

**Entoloma neglectum** (Lasch) Arnolds

*Entoloma cremeoalbum* J.B. Jordal & Noordel.

Move *E. cremeoalbum* to synonymy since its ex-holotype barcode sequence (LN850559) matches (99.8%) that of the ex-neotype barcode sequence (PX412049) of *E. neglectum*.

**Entoloma nidorosum** (Fr.) Quél.

Remove this and its synonyms from synonymy of *E. rhodopolium* and recognise as a distinct species (more thin-fleshed and slender) following Kokkonen [*Mycol. Progr.* 14(no. 116): 1-52 (2015)]. A phylogenetic tree including sequences derived from neotypes of *E. nidorosum* and *E. rhodopolium* are provided in Kokkonen [*Karstenia* 59(1-2): 55-69 (2021)].

**Entoloma nigellum** (Quél.) Noordel., *Persoonia* 11(2): 150 (1981)

Note the earlier publication date for this name accepted by Index Fungorum. See the 'excluded' list entry for *Claudopus nigrellus* for further details.

**Entoloma nitens** (Velen.) Noordel.

Move to the synonymy of *E. cuneatum* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma noordeloosii** Hauskn., *Österr. Z. Pilzk.* 8: 149 (1999)

**E:** !

**H:** English collection in soil, probably calcareous, in open mixed woodland under *Fagus*.

A collection (2025) from East Gloucestershire (Buckholt Wood) determined by comparing its ITS sequence (D.J. Gibbs) with that of the holotype (99.5% similarity).

**Entoloma occultipigmentatum** Arnolds & Noordel.

Move to the synonymy of *E. sericeum* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**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 ostreatum** O.V. Morozova, Noordel., Reschke, Dima & E.F. Malysheva, *Persoonia* 56: 286 (2026)

**E:** !

**H:** English collection on bark of fallen *Acer pseudoplatanus*.

A collection (1996) in K from Oxfordshire (Bix) originally filed as *E. byssisedum* with an ITS barcode in GenBank (EU784209) under this name. Now redetermined based on the similarity of its barcode with that of the holotype as documented in Noordeloos *et al.* [*Persoonia* 56: 200-307 (2026)].

**Entoloma paludicola** (P.D. Orton) Romagn.

Remove this and its synonyms from synonymy of *E. caccabus* and recognise as a distinct species based on the differences between the barcode sequences derived from the holotype of *E. paludicola* and the lectotype of *E. caccabus* published in Kokkonen [*Mycol. Progr.* 14(no. 116): 1-52 (2015)].

**Entoloma papillatum** (Bres.) Dennis

Move to the synonymy of *E. clandestinum* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma pentagonale** J.B. Jordal, Morozova, Weholt, Brandrud, Vila, Karich, Reschke, Lorås, Krisai-Greilhuber & Dima, *Mycol. Progr.* 21(5, no. 48): 22 (2022)

**E:** !

**H:** English collection in grassland soil.

A collection (2025) from North Somerset (Brean Down) determined by comparing its ITS sequence (D.J. Gibbs) with that of the holotype (99.7% similarity). The record is documented in iNaturalist (D.J. Gibbs): <https://www.inaturalist.org/observations/328047885>

**Entoloma peraraneosum** G.M. Jansen, Noordel., Finy & Dima, *Persoonia* 56: 250 (2026)

**E:** !

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

A collection (2012) in K from North Somerset (Weston Big Wood) originally filed as *E. araneosum* with an ITS barcode in GenBank (MF977956) under this name. Now redetermined based on the similarity of its barcode with that of the holotype as documented in Noordeloos *et al.* [*Persoonia* 56: 200-307 (2026)].

**Entoloma porphyrogriseum** Noordel.

**E:** !

**H:** English collection in grassland soil.

Move from 'excluded' list (delete associated **Notes**). A collection (2023) from North Somerset (Burrington Hams) with a sequence (D.J. Gibbs) whose placement was confirmed by M.E. Noordeloos (this taxon is accepted with wide intraspecific barcode variation). The record is documented in iNaturalist (D.J. Gibbs): <https://www.inaturalist.org/observations/248858080>

**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 (Menck Pass). **[UD6]**

**Entoloma pseudocoelestinum** Arnolds

Move to the synonymy of *E. asprellum* (q.v.) following FungEur5B. Delete existing **Notes**.

**Entoloma pseudocruentatum** Noordel., Brandrud, G.M. Jansen, Dima & Læssøe, in Crous *et al.*, *Persoonia* 46: 453 (2021)

**S:** !

Accepted as British since the protologue of this species described it as "*Entoloma cruentatum* sensu Noordeloos (1984)". This refers to the species concept outlined in

Noordeloos [*Persoonia* 12(3): 201 (1984)], a concept based on an examination of several Scottish collections.

**Entoloma quercetorum** Kokkonen, *Karstenia* 59(1-2): 61 (2021)

**E:** !

**H:** English collection on soil near *Quercus robur*.

A collection (2021) from West Sussex (Arundel) determined as this based on a comparison of its ITS sequence (N. Aplin) with that derived from the holotype.

**Entoloma reginae** Noordel. & Chrispijn

Move to the synonymy of *E. rhodocylix* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

**Entoloma rhodopolium** (Fr.) P. Kumm.

Remove *E. nidorosum* (q.v.) and its synonyms and recognise as a distinct species. Delete last sentence of **Notes**.

**Entoloma rhombisporum var. floccipes** Noordel.

Regarded as a *nom. inval.* and now replaced by the new name at specific rank *E. caulocystidiatum* (q.v.).

**Entoloma rhynchocystidiatum** Noordel. &

Liiv, *Persoonia* 15(1): 25 (1992)

**E:** ! **NI:** !

**H:** UK collections in grassland soil.

Two collections (2024) from Co. Fermanagh (Clyhannagh) and West Gloucestershire (Minchinhampton Common) sequenced (D. Mitchel & S. Harding respectively) and confirmed by matching with sequences in the library of M.E. Noordeloos.

**Entoloma rosealbum** 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 roseum** (Longyear) Hesler

Move to 'excluded' list. A much-confused species fide FungEur5B whose authors concluded that this name has been applied to pink variants of various species with most records being of *E. serrulatum* or *E. catalaunicum*. The true *E. roseum* is a North American species.

**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 rubellum** (Scop.) Gillet

Move to 'excluded' list.

**Entoloma sarcitulum** (P.D. Orton) Arnolds

Following Brandrud *et al.* [*Agarica* 43: 85-137 (2023)], this taxon should be recognised at specific rank. It was formerly accepted in CBIB as *E. longistriatum* var. *sarcitulum* (q.v.).

**Entoloma sericatum** (Britzelm.) Sacc.

*Entoloma myrmecophilum* (Romagn.) M.M. Moser

Expand the synonymy as above following Kokkonen [*Mycol. Progr.* 14(no. 116): 1-52 (2015)] who compared the *E. myrmecophilum* ex-type sequence with barcodes derived from several collections identified as *E. sericatum* (no type exists) and concluded that they were "nearly identical".

**Entoloma sericeonitens** (P.D. Orton) Noordel.

Move to the synonymy of *E. fuscotomentosum* (q.v.) following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)]. Delete existing **Notes**.

**Entoloma sericeum** (Bull.) Quéf.

*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 solstitiale** (Fr.) Noordel.

The entry formerly headed by this misapplied name to be headed by *E. incognitum* (q.v.).

**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 vezzenaense** Noordel. & Hauskn., *Öst. Z. Pilzk.* 7: 259 (1998)

**W:** !

**H:** Welsh collection on soil in cattle-grazed, unimproved, neutral grassland.

A collection at K (2013) from Pembrokeshire (Hundleton) determined as this by matching its barcode sequence with that of the holotype (M.E. Noordeloos *et al.* unpubl.) and documented in Harries [FM20(4): 113-115 (2019)].

**Entoloma vezzenaense** Noordel. & Hauskn.

Move to the synonymy of *E. ameides* following FungEur5B. Delete existing **Notes**.

**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 viiduense** Noordel. & Liiv, *Persoonia* 15(1): 24 (1992)

**E:** !

**H:** English collection on soil in old unimproved calcareous pasture.

A collection (2021) from East Sussex (Fairlight) determined as this based on a comparison of its ITS sequence (N. Aplin, M.E. Noordeloos) with that derived from the holotype and documented in Overall [FM23(1): 22-23 (2022)].

**Entoloma vindobonense** Noordel. & Hauskn., in

Noordeloos, *Entoloma s.l.*, Fungi Europaei

vol. 5 (Saronno) 5(a): 907 (2004)

**E:** !

**H:** English collection in soil in coastal dune xerophytic grassland.

A collection (2020) from West Sussex (East Head), determined as this based on a comparison of its ITS sequence with that of the holotype (N. Aplin). Further details and photos are posted online at <https://www.sussexfungusgroup.co.uk>.

**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]**

**Entoloma weiriorum** A.M. Ainsw., B. Douglas, D.J. Harries, Speed, T. Rogers, Watt, Suz & Dima, *Persoonia* 56: 304 (2026)

**E:** !

**H:** English collections in thin calcareous soils overlying limestone in mixed woodland.

Described with a sequenced English holotype (2005) and paratype (2020) in K from West Lancashire (Eaves Wood and Gait Barrows). The holotype was originally labelled in K and in

Ainsworth *et al.* [FM19(1): 5-14 (2018)] as *Entoloma* sp. Historical collections of this species would have been assigned to *E. bloxamii*.

**Entoloma xanthocaulon** Arnolds & Noordel.  
Move to the synonymy of *E. fernandae* following Reschke *et al.* [*Persoonia* 49: 136-170 (2022)].

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

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

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

**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 [629] (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]

**Exidia subsaccharina** F. Wu, B. Rivoire, Tohtirjap & Y.C. Dai, in Tohtirjap, Hou, Rivoire, Gates, Wu & Dai, *Frontiers in Microbiology* 13(no. 1080290): 7 (2023)

**E: !**

**H:** On fallen dead wood of *Pinus*.

A collection (2023) from Buckinghamshire (Stoke Common) determined on morphological evidence (J. Wills) and by comparing its ITS sequence (E. Janke, P. Cullington) with those of the French holotype and paratype.

**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]

**calocera** R. Heim

Move to 'excluded' list. This species complex has been split into a series of segregate species. Sequenced British material is of *F. claudopus* (q.v.).

**claudopus** (Singer) Q.Y. Zhang & Y.C. Dai, *Forests* 12(10): 1397 9 (2021)

The *F. calocera* species complex has been split into a series of segregate species by Zhang & Dai (2021). Sequenced British and Italian material, previously determined as *F. calocera*, is now redetermined as *F. claudopus*. There is a **ROI** collection (2022) in DBN from Co. Cork (C. Campbell).

**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]

**FIBRICIELLUM** J. Erikss. & Ryvarden

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

**silvae-ryae** J. Erikss. & Ryvarden

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

**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]

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

Type: *Fibroporia vaillantii* (DC.) Parmasto

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

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

Name changed from *Antrrodia citrina*.

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

Name changed from *Antrrodia gossypium*.

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

Name changed from *Antrrodia vaillantii*.

**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]

**Flagelloscypha abruptiflagellata** Agerer, *Sydowia* 27(1-6): 204 (1975) [1973-1974]

**E:** !

**H:** On dead herbaceous stems in meadow.

A collection (2023) determined by P.R. Smith and documented in Smith [*BMS Newsletter* 2024(1): 10-13].

**Flagelloscypha fusispora** Agerer, *Mycologia* 72(5): 908 (1980)

**W:** !

**H:** On dead stems of *Oenanthe crocata* lying just above wet ground.

A collection (2023) from Caernarvonshire (Nantlle) determined on morphological evidence (P.R. Smith).

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

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

**E:** !

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

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

**Flagelloscypha tetraedrispora** Agerer, *Mycologia* 72(5): 913 (1980)

**E:** !

**H:** On dead standing stems of *Pteridium*, a few centimetres above the ground.

A collection (2023) from Derbyshire (Hilton Gravel Pits) determined on morphological evidence (highly distinctive spores) by P.R. Smith and apparently new to Europe.

**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 cone-bush (*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 fenae** 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

**hartigii** (Allesch. & Schnabl) Fiasson & Niemelä, *Karstenia* 24(1): 25 (1984)

*Polyporus hartigii* Allesch. & Schnabl, *Maladies des Plantes Agricoles* (Paris) 1: 332 (1890)

**E:** !

**H:** English collection on standing trunk of *Abies homolepis* in an arboretum.

New record. A cultured and preserved collection (2019) from Dorset (Wareham Forest) was sequenced and yielded a barcode supporting the determination (A. Lewis unpubl.).

**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]

**FOMITOPSIS** P. Karst.

Type: *Piptoporus* P. Karst.

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

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

*Piptoporus betulinus* (the generic type) is congeneric with *Fomitopsis pinicola* (the generic type) and so the former becomes a synonym of the latter.

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

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

Name changed from *Piptoporus betulinus*.

**Fomitopsis solaris** Rivoire, A.M. Ainsworth & Vlasák, in Spirin, Runnel, Vlasák, Viner, Barrett, Ryvarden, Bernicchia, Rivoire, Ainsworth, Grebenc, Cartabia, Niemelä, Larsson & Miettinen, *Stud. Mycol.* 107: 230 (2024)

**E:** ! **O:** Channel Islands !

**H:** Collections from England and Jersey on dead wood of *Salix*. Described with six English paratypes (2000-2011) in K from Berkshire (Bisham Wood), Buckinghamshire (Wraysbury), North Hampshire (Cricket Hill), South Somerset (Yeovil), Surrey (Langham Pond) and West Kent (Lullingstone Park) and one from Jersey (2014) in K from St. Martin (Rozel Woods), all originally determined as *Antrodia ramentacea*, a distinct species found on *Pinus* (now *F. ramentacea*). Note that Spirin *et al.* (2024) recognise an expanded *Fomitopsis* with 25 generic synonyms including *Buglossoporus* and *Daedalea*.

**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 discreta** E. Horak, Senn-Irlet, Curti & Musumeci, *Riv. Micol.* 52(2): 99 (2009)

**E:** !

**H:** English collection in moss on a stone wall.

A collection (2024) from South-east Yorkshire (Hull) determined by comparing its ITS sequence (Mycota Labs) with that of a topotype collected by one of the coauthors of the name *G. discreta* (over 99.8% similarity). Further details in Garden & Donegan [FM26(4): 120-123 (2025)].

**Galerina esteveraventosii** Siquier, Olariaga, Salom & Høil., *Riv. Micol.* 64(1): 6 (2021)

**E:** !

**H:** On coastal soil in mossy short grass.

A collection (2019) in K from East Sussex (Winchelsea Beach), originally determined as *Galerina tibiicystis*, was redetermined as this by comparing its ITS sequence (A.S. Overall) with that of the holotype. A subsequent collection (2023) made at the same site by the same collector was also sequenced and determined similarly as documented in Overall [FM24(2): 57-58 (2023)].

**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 lacustris** A.H. Sm., *Mycologia* 45(6): 905 (1953)

**E:** !

**H:** On woody *Salix* debris in a dried pond bed.

A collection (2022) in K from Buckinghamshire (Stampwell Farm) determined by comparing its ITS sequence (E. Janke) with that of this species sensu the sequenced Norwegian collection UDB037812.

**Galerina variibasidia** T. Bau & Xiao Liang Liu, in Liu & Bau, *Phytotaxa* 524(1): 30 (2021)

**E:** !

**H:** On mossy grass path in broadleaved woodland.

A collection (2023) from Warwickshire (Cuttle Pool) determined by comparing its ITS sequence (identical) with that of the holotype (Alvalab). It is possible that further molecular analysis will reveal an earlier name for this species.

**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]**

**Ganoderma adspersum** (Schulzer) Donk

**E:** !

**H:** On wood of angiosperms and gymnosperms.

Remove from synonymy of *G. australe* (q.v.) as *G. adspersum* has now been recognised as a distinct species and confirmed as British sensu Fryssouli *et al.* based on a comparison of

barcode sequences derived from two collections in K from Berkshire (Windsor Great Park) and one in HMAS from Surrey (Kew) with others in Fryssouli *et al.* [*Mycokeys* 75: 71-143 (2020)].

**Ganoderma australe** (Fr.) Pat.

**E:** !

**H:** On wood of angiosperms.

Recognised as a predominantly southern hemisphere species distinct from *G. adspersum* and confirmed as British sensu Fryssouli *et al.* based on a comparison of barcode sequences derived from two collections (K and HMAS) from Surrey (Kew & Richmond Park) with others in Fryssouli *et al.* [*Mycokeys* 75: 71-143 (2020)]. Fryssouli *et al.* suspected that the fungus had been imported into the UK with plant material.

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

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

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

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

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

**Ganoderma tsugae** Murrill, *Bull. Torrey bot. Club* 29: 601 (1902)

**UK:** !

**H:** On wood of angiosperms and gymnosperms.

A culture preserved in CBS originating from a historical UK collection (K.S.G. Cartwright, No. 189) and previously determined as *G. valesiacum*, yielded a barcode sequence which matched those of this species sensu Fryssouli *et al.* [*Mycokeys* 75: 71-143 (2020)]. Their analysis included a CBS-derived reference culture of *G. tsugae* of Canadian origin which is indicated as being derived from type material. However, the country of origin of the designated neotype, which is preserved in NY, is unknown fide the online NY Fungarium catalogue. It has not been possible to trace further collection details for the Cartwright-derived *G. tsugae* culture to determine its country of origin within the UK and whether it was isolated from a tree or from worked timber. When considering whether its UK presence should be regarded as an introduction, it is worth noting that the analyses of Fryssouli *et al.* [*Mycokeys* 75: 71-143 (2020)] included a sequenced collection from an *Abies* stump in Germany suggesting that Europe could be within its natural range.

**Gautieria fenestrata** J.M. Vidal, Cabero, Papadimitriou & Slavova, in Vidal *et al.*, *Persoonia* 50: 94 (2023)

**E:** !

**H:** British collections on or in soil in *Fagus* woodland.

Described with four British paratypes (1949-1953) in K from West Gloucestershire (Westridge Wood and Brackenbury Ring) originally determined as *G. morchelliformis* and redetermined on morphological characters. Historic collections assigned to *G. morchelliformis* should be re-examined/sequenced to determine if they should be assigned to other species following the substantial increase in the number of described European taxa.

**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]

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

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

**Gastrum minimum** Schwein.

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

**Gastrum 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]

**Gastrum pseudolimbatum** Hollós

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

**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)

**alboviscidus** Harries & G.W. Griff., in Harries, Blencowe, Leal-Dutra, Lodge, Harrington, Bye, Pearse, Russell, Williams, Ré & Griffith, *MycKeys* 127: 316 (2026)

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

**H:** In grazed or mown grassland soil.

Described with a sequenced Welsh holotype (2021) in ABS and isotype in K from Pembrokeshire (Hundleton) and a sequenced English paratype (2019) in ABS and isoparatype in K from West Sussex (Henfield).

**europerplexus** 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 (Cnicht, 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]

**Gloeocystidiellum kenyense** Hjortstam, *Mycotaxon* 28(1): 29 (1987)

**E:** !

**H:** On fallen wood of *Fagus*.

A collection (2024) in K from West Gloucestershire (Symond's Yat Rock) determined on morphological characters (A.R. Simpson) and documented in Tortelli (*BMS Newsletter* Dec. 2024: 4-5).

**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]

**menieri** (Boud.) Singer

**E:** !

**H:** English collection on dead *Typha latifolia* in fen.

Move from 'excluded' list. A collection (2017) at K from East Norfolk (Filby Broad).

**pseudocaricis** (Noordel.) Tkalčec & Mešić, *Mycologia* 100(2): 323 (2008)

Name changed from *Marasmius pseudocaricis*. [UD5]

**GLOIOXANTHOMYCES** Lodge, Vizzini, Ercole & Boertm., in Lodge et al., *Fungal Diversity*: 10.1007/s13225-013-0259-0, [49] (2013)

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

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

Name changed from *Hygrocybe vitellina*.

**Gomphidius 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*  $\beta$  *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  $\beta$  *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]

**Gymnopilus neerlandicus** (Huijsman) Contu

*Hebelomina neerlandica* Huijsman

Move to 'excluded' list.

**GYMNOPUS** (Pers.) Roussel [non *Gymnopus* Quél. (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 Botanica* 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. Ryvar den. [UD5]

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

**Agaricales, Tricholomataceae**

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

Type: *Gyroflexus brevibasidiatus* (Singer) Raitelhel.

**brevibasidiatus** (Singer) Raitelhel., *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]

**Gyroporus lacteus** Qué.

Amend the author name (because *Boletus lacteus* Lév., previously cited as basionym, is a nom. illegit.) and move from synonymy of *G. cyanescens* to 'excluded' list. This has been confirmed as a distinct species by molecular analysis in Vizzini *et al.* [*Phytotaxa* 226(1): 27–38 (2015)]. It was published as a British species in Kibby [*Field Mycology* 18(2): 62–65 (2017)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)] based on a 2016 collection at K from West Suffolk (Thetford Forest). However, the barcode sequence derived from this specimen is a closer match to that derived from the epitype of *G. cyanescens* (L.M. Suz unpubl.) and it has now been redetermined. *Gyroporus lacteus* is therefore unsubstantiated with voucher material and moved to the 'excluded' list.

**Haasiella splendidissima** Kotl. & Pouzar

Move from 'excluded' list to the synonymy of *H. venustissima* following molecular analysis in Vizzini *et al.* [*Mycologia* 104(3): 777–784 (2012)].

**HANDKEA** Kreisel

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

**Hapalopilus eupatorii** (P. Karst.) Spirin & Miettinen, in Miettinen, Spirin, Vlasák, Rivoire, Stenroos & Hibbett, *MycKeys* 17: 15 (2016)

*Ceriporiopsis herbicola* Fortey & Ryvar den

**E:** !

**H:** English collection at base of dead *Arctium* stem (originally determined as *Ceriporiopsis herbicola*, new to science).

Include *Ceriporiopsis herbicola* in synonymy based on molecular analysis of an isotype-derived sequence [Miettinen *et al.*, *MycKeys* 17: 1–46 (2016)].

**Hapalopilus salmonicolor** (Berk. & M.A. Curtis) Pouzar  
Name changed to *Erastia salmonicolor* (q.v.). [UD1]

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

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

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

Name changed from *Hyphodontia hastata*.

**HEBELOMA** (Fr.) P. Kumm., *Führ. Pilzk.*: 22, 80  
(1871)

Type: *Hebeloma mesophaeum* (Pers.) Qué., typ. cons.

Beker *et al.*'s proposal to conserve the generic name *Hebeloma* typified by *H. mesophaeum*, not *H. fastibile* as in printed CBIB (2005), has been approved by the Nomenclature Committee for Fungi and awaits ratification by the General Committee [Beker *et al.*, FungEur14: 105 (2016)]. **Most of** the following changes and "verified collections" are derived from Beker *et al.*'s detailed molecular, morphological and ecological studies and are based upon FungEur14 and their list of 45 UK species in FM 18(4): 119–132 (2017). Voucher collections cited in the online CBIB database should be deleted or replaced by sequence-verified collections.

**aanenii** Beker, Vesterh. & U. Eberh., in Eberhardt, Beker & Vesterholt, *Persoonia* 35: 111 (2015)

**E:** !

**H:** Occurs with a wide range of trees and shrubs in various habitats including dunes, parkland, scrub and woodland. New record. English collections verified from Buckinghamshire (Rushbeds Wood), Derbyshire (Ladybower Reservoir), Nottinghamshire (Clumber Park and Daneshill Forest), Warwickshire (Bishopton) and West Lancashire (Gait Barrows).

**aestivale** Vesterh.

**E:** ! **O:** Channel Islands: !

**H:** Usually on base-rich soil and associated with *Fagaceae*. Amend the above details and replace **Notes** with: "Verified English collections from Derbyshire (Ladybower Reservoir and Lockerbrook), Hertfordshire (Whippendell), Oxfordshire (Warburg Reserve), Surrey (Boldermere) and Westmorland (Roudsea) and one collection has been verified from Jersey (Pont Marquet) [Beker *et al.*, FungEur14: 355 (2016)]."

**alpinicola** A.H. Sm., V.S. Evenson & Mitchel, *Veiled species of Hebeloma in the western United States* (Ann Arbor): 48 (1983)

**S:** !

**H:** Scottish collection in soil with *Salix herbacea*.

A sequenced collection (1984) in E from East Perthshire (The Cairnwell) redetermined as this and documented in <https://hebeloma.org/species/alpinicola>.

**alpinum** (J. Favre) Bruchet

Move to 'excluded' list.

**ammophilum** Bohus

Move to 'excluded' list.

**anthracophilum** Maire

**E:** !

**H:** Occurs on burnt ground and likely to be associated with *Fagaceae*.

Move from 'excluded' list. Amend the above details and replace **Notes** with: "Verified English collections from Derbyshire (Chatsworth) and South-east Yorkshire (Holmsfield Wood)."

**arenosum** Burds., Macfall & M.A. Albers

Move to 'excluded' list.

**atrobrunneum** Vesterh.

Move to synonymy of *H. nigellum* (q.v.).

**birrus** (Fr.) Gillet

*Hebeloma calyptosporum* Bruchet

*Hebeloma radicum* (Cooke) Maire

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

**H:** Occurs with a wide range of coniferous and broadleaved trees in various habitats, often from locally nitrogen-enriched spots.

Move *H. pumilum* and *H. danicum* from synonymy and recognise both as separate species. Move *H. calyptosporum* and *H. radicum* (and its synonyms but note the amended recombining author's name for *H. longicaudum* var. *radicum* (Cooke) Sacc.) from 'excluded' list to synonymy. Amend the above details (including the recombining author's name) and replace **Notes** with: "Verified collections from Antrim (in E as *H. populinum*), East Norfolk (Itteringham), Easternness (Curr Wood and Glenmore) and Surrey (Elstead and Saville Gardens)."

**bulbiferum** Maire, *Publ. Inst. Bot. Barcelona* 3(no. 4): 108 (1937)

*Hebeloma colossus* Huijsman

**E: !**

**H:** Occurs in base-rich soil, usually with *Quercus* and likely to favour warm localities.

Move *H. colossus* from 'excluded' list to synonymy [following morphological studies by Beker *et al.*, *FungEur*14: 582 (2016)]. A verified English collection (1976), originally determined as *H. colossus*, verified from West Sussex (Burpham).

**cavipes** Huijsman

**E: !**

**H:** Occurs with a wide range of trees and shrubs (including *Eucalyptus* and *Helianthemum*) in various habitats including dunes, but not known from arctic/alpine habitats.

Move *H. lutense* from synonymy and move both from 'excluded' list and recognise as separate species. Add the above details and replace **Notes** with: "English collections verified from Cheshire (Crew Hall), Derbyshire (Deepdale, Dovedale and Ladybower Reservoir), Nottinghamshire (Clumber Park, Daneshill Forest), Surrey (Penny Hill Park).

**circinans** (Qué.) Sacc.

Move to 'excluded' list.

**clavulipes** Romagn.

**E: !**

**H:** In wet, often boggy or mossy ground, apparently associated with *Betula*, *Picea* and *Salix*.

Move from 'excluded' list. Add the above details and replace **Notes** with: "Although some deviating microscopical differences were noted [Beker *et al.*, *FungEur*14: 123 (2016)], two English collections (1964) from East Norfolk (Surlingham) in E and previously named as *H. ?pumilum* were verified and accepted as *H. clavulipes* due to insufficient evidence supporting their recognition as a distinct taxon."

**clavulipes** Romagn.

Now recognised as a synonym of *H. discomorbidum*.

**crustuliniforme** (Bull.) Qué. emend. Beker, Vesterh. & U. Eberh.

**E: ! S: ? W: ? NI: ? ROI: ? O:** Channel Islands: !

**H:** Occurs with a wide range of trees and shrubs in various habitats including dunes, but not known from arctic/alpine habitats.

Amend the above details and replace **Notes** with: "English collections verified from London and West Norfolk (Holkham Meals). One collection in K from the latter site was previously determined as *H. circinans* (now excluded from the British list). A collection in K from Jersey (Les Quennevais) filed as *H. ochroalbidum* (*H. eburneum*) now redetermined as *H. crustuliniforme* [Beker *et al.*, *FungEur*14: 218 (2016)]. Note that this is not one of the most frequently recorded *Hebeloma* species in Britain fide Beker *et al.* [FM 18(4): 119–132 (2017)]

and collections they studied represented "some 15 different taxa!" Existing collections therefore require re-analysing before the distribution of this species can be satisfactorily understood.

**danicum** Gröger

**E: !**

**H:** Occurs with a wide range of trees and shrubs in various habitats.

Remove from synonymy of *H. birrus* and recognise as separate species. Add the above details and following **Notes**: "An English collection in K (1994) from West Sussex (Houghton Forest) has been redetermined as this (Beker *et al.* [FM 18(4): 119–132 (2017)]."

**discomorbidum** (Peck) Peck, *Bull. N.Y. St. Mus.* 150: 18 (1911)

*Hebeloma clavulipes* Romagn.

Current name for *H. clavulipes* accepted in

<https://hebeloma.org/species/discomorbidum>.

**dunense** L. Corb. & R. Heim

*Hebeloma collariatum* Bruchet

**E: ! W: !**

**H:** Occurs in dunes, in arctic/alpine habitats and in woodlands with *Salicaceae*.

Move *H. collariatum* from 'excluded' list to synonymy [following lectotype studies by Beker *et al.*, *FungEur*14: 582 (2016)] and delete associated **Notes**. Replace **Habitat** and **Distribution** data with the above details and replace **Notes** with: "English and Welsh collections verified from Anglesey (Aberffraw and Newborough dunes), Buckinghamshire (Whitchurch) and two collections previously named as *H. psammophilum* from South Lancashire (Ainsdale Dunes) and Westmorland (Sandstone Haws), the latter preserved in K."

**dunense** L. Corb. & R. Heim

*Hebeloma collariatum* Bruchet

Now recognised as a synonym of *H. velatum*.

**eburneum** Malençon, in Malençon & Bertault, *Champignon Supérieurs du Maroc* 1: 445 (1970)

**E: !**

**H:** Occurs with a wide range of trees and shrubs in various habitats including dunes, but not known from arctic/alpine habitats.

New record. An English collection (2002) verified from South Lancashire (Ainsdale Dunes).

**erebium** (Huijsman) Beker & U. Eberh., *Mycol. Progr.* 15(no. 5): 27 (2015)

**NI: !**

**H:** In periodically flooded loughside soil in woodland dominated by *Alnus* and *Salix* with *Quercus* in drier areas.

A collection (2024) from Co. Fermanagh (Crom Estate) determined on morphological characters and by comparing (99.2%) its ITS sequence (D. Mitchel & U. Eberhardt) with that of the holotype.

**fragilipes** Romagn.

Move to 'excluded' list.

**fusisporum** Gröger & Zschiesch.

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

Amend the above details, delete last sentence of **Habitat** and replace **Notes** with: "Verified collections from Anglesey (Cors Erd), Caernarfonshire (Cors Geirch), Caithness (Loch Olginie), Easternness (Bogach and Tulochgrue), Mid-west Yorkshire (Gisburn Forest), South-west Yorkshire (Moor Piece and Potteric Carr)."

**geminatum** Beker, Vesterh. & U. Eberh., in Eberhardt, Beker & Vesterholt, *Persoonia* 35: 122 (2015)

**E: !**

**H:** A cryptic species occurring with a wide range of trees and shrubs in various habitats.

New record. An English collection (1971) filed in K as *H. alpinum* from West Kent (Bedgebury Pinetum) has been redetermined as this [Beker *et al.*, FM 18(4): 119–132

(2017)]. Other verified collections are from Berkshire (California Park), Surrey (Virginia Water and Witley), West Kent (Tudeley Woods), and West Sussex (Graffham).

**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]**

**gigaspermum** Gröger & Zschiesch.

Move to synonymy of *H. nauseosum* (q.v.).

**griseopruinatum** Vesterh., Beker & U. Eberh., in Eberhardt, Beker, Vesterholt, Dukik, Walther, Vila & Fernández Brime, *Fungal Diversity* 58(1): 120 (2013)

**E:** !

**H:** Occurring with *Helianthemum nummularium* in calcareous grassland.

New record. This species has an English collection (2002) from Staffordshire (Bincliffe Mines) as paratype. Otherwise known from Denmark (holotype) and Germany (paratype) but expected to be widespread in Europe wherever suitable habitat exists.

**groegeri** Bon [*nom. superfl.*]

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

**hetieri** Boud.

Move to synonymy of *H. odoratissimum* (q.v.).

**hiemale** Bres.

*Hebeloma oculatum* Bruchet

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

**H:** Occurs with a wide range of trees and shrubs in various habitats.

Move from 'excluded' list following Beker *et al.*, *FungEur14*: 326 (2016). Move *H. oculatum* from 'excluded' list to synonymy. Add the above details and replace **Notes** with: "Formerly *H. hiemale* was excluded from the list as a *nomen dubium* with the note that British records were, at least in part, *H. fragilipes*. The current view is that there are no known verified collections of *H. fragilipes*. On the other hand there are verified collections of *H. hiemale* [as epitypified in Beker *et al.*, *FungEur14*: 326 (2016)] from widespread localities in England and Scotland."

**hygrophilum** Poumarat & Corriol, in Beker, Eberhardt & Vesterholt, *Fungi europ.* (Lomazzo) 14: 138 (2016)

**E:** !

**H:** Occurs in boggy soil, among *Sphagnum* beneath *Salix*. New record. English collections (2002) verified from Mid-west Yorkshire (Malham Tarn).

**hygrophilum** Poumarat & Corriol

Now recognised as a synonym of *H. paludicola*.

**incarnatum** A.H. Sm.

Move to 'excluded' list.

**ingratum** Bruchet

**E:** !

**H:** Occurs with a wide range of trees and shrubs (usually broadleaved) in various habitats.

Move from 'excluded' list. Add the above details and replace **Notes** with: "An English collection (2000) from Surrey (Witley) has been verified as this [Beker *et al.*, *FungEur14*: 291 (2016)]."

**ischnostylum** (Cooke) Sacc.

**E:** !

**H:** Occurs with a range of broadleaved trees and shrubs (usually broadleaved) in various habitats many of which are wet.

Move from 'excluded' list. Add the above details and replace **Notes** with: "Cooke's illustration of specimens from

Shropshire (Shrewsbury) has been designated as lectotype supported by a sequenced French epitype [Beker *et al.*, *FungEur14*: 514 (2016)]. Verified English collections from Berkshire (Windsor Great Park), Derbyshire (Abney Clough), Hertfordshire (Northaw) and Shropshire (Dudmaston Estate)."

**laetitiae** Quadr., *Mycotaxon* 49: 281 (1993)

**E:** !

**H:** (Based on three worldwide collections) Occurs in wet soil with *Quercus* and expected to be rare in Europe.

New record. A white-spored ("*Hebelomina*") English collection (2001) has been verified from Buckinghamshire (Stoke Common). The other two known collections (brown-spored) are from Italy [Beker *et al.*, *FungEur14*: 295 (2016)].

**laterinum** (Batsch) Vesterh., *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]**

**laterinum** (Batsch) Vesterh.

**E:** !, **W:** ?

**H:** Occurs with a wide range of trees and shrubs in various base-rich soils including grassland sites with *Helianthemum*. Amend the above details and move *H. fastibile* from 'excluded' list and include in synonymy of *H. laterinum*. Beker *et al.*, *FungEur14*: 451 (2016) assumed that the accepted proposal to conserve the name *Agaricus laterinus* against the sanctioned name *Agaricus fastibilis* (which was the generic type) would be endorsed and the generic type would be replaced by *H. mesophaeum*. Verified collections are known from widespread localities in England.

**leucosarx** P.D. Orton

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

**H:** Occurs with moss, often in wet areas with *Sphagnum*, and associated with *Betula* and/or conifers.

Amend the above details, move *H. velutipes* from synonymy to be recognised as an included species in its own right and replace **Notes** with: "Verified collections from Berkshire (Windsor Great Park), Easternness (Curr Wood, Glenmore, Insh, Loch an Eilein, Loch Loy and Tullochgrue), (South-west Yorkshire (Lords Lot), Surrey (Boldermere) and Westmorland (Roudsea)."

**limbatum** Beker, Vesterh. & U. Eberh., in Beker, Eberhardt, Vesterholt & Schütz, *Fungal Biology* 120(1): 83 (2015) [2016]

**E:** !

**H:** Likely to be associated with base-rich soils and *Quercus*.

New record. An English collection in H. Beker's fungarium (1994) from Buckinghamshire (Stoke Park) has been determined as this (Beker *et al.* [FM 18(4): 119-132 (2017)].

**lutense** Romagn.

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

**H:** Occurs with *Salicaceae* and usually on wet sites.

Remove from synonymy of *H. cavipes* in 'excluded' list and recognise as separate species. Verified collections from Easternness (Bogach and Loch Loy), Orkney and Surrey (Boldermere and Bookham Common).

**marginatum** (J. Favre) Bruchet

Move to 'excluded' list.

**mesophaeum var. crassipes** Vesterh.

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

**mesophaeum** (Pers.) Qué.

*Hebeloma mesophaeum* var. *crassipes* Vesterh.

*Hebeloma bruchetii* Bon

*Hebeloma subcollariatum* (Berk. & Broome) Sacc.

Move *H. flammuloides* to synonymy of *H. subtortum* (q.v.) and *H. mesophaeum* var. *crassipes* from synonymy of *H.*

*subtortum* (= *H. sordidum*) to synonymy of *H. mesophaeum*. Move *H. bruchetii* and *H. subcollariatum* from 'excluded' list to synonymy.

**nanum** Velen., *Novitates Mycologicae*: 117 (1939)

**E: ! S: !**

**H:** Seems to favour associating with conifers in base-poor soils. New record. Verified collections from East Kent (Challoch Wood), Easternness (Glenmore) and Mid Perthshire (Rannoch).

**nauseosum** Sacc.

*Hebeloma gigaspermum* Gröger & Zschiesch.

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

**H:** Occurs with a range of trees and shrubs, usually *Salix*, in various habitats which may be calcareous, nutrient rich or wet, but it is not known from dunes, coniferous or arctic/alpine habitats.

Amend author citation [replacement name for the illegitimate *Agaricus nauseosus* Cooke (1887)], move from 'excluded' list and include *H. gigaspermum* as a synonym. Add the above details and replace **Notes** with: "Cooke's illustration of specimens from West Gloucestershire (Park End) has been designated as lectotype supported by a sequenced Italian epitype [Beker *et al.*, *FungEur*14: 519 (2016)]. A verified Welsh collection from Caernarfonshire (Cors Geirch)."

**nigellum** Bruchet, *Bull. mens. Soc. linn. Lyon* 39 (6 Suppl.): 126 (1970)

*Hebeloma atrobrunneum* Vesterh.

*Hebeloma kuehneri* Bruchet

**E: ! S: !**

**H:** Associated with *Salix*, in arctic/alpine vegetation or a variety of other damp habitats.

Previously included as *H. atrobrunneum* which is now reduced to synonymy. Move *H. kuehneri* from 'excluded' list to synonymy based on type studies [Beker *et al.*, *FungEur*14: 604 (2016)]. Verified collections from Caithness (Loch Calder) and South-west Yorkshire (Potteric Carr).

**odoratissimum** (Britzelm.) Sacc., *Syll. fung.* 11: 55 (1895)

*Hebeloma hetieri* Boud.

**E: ! S: ?**

**H:** Occurs with a range of trees and shrubs in various habitats which may be calcareous, nutrient rich or wet, but it is not known from dunes or arctic/alpine habitats.

Previously included as *H. hetieri* which is now reduced to synonymy. Amend the above details and replace **Notes** with: "Verified English collections from Bedfordshire (Shefford) and South-west Yorkshire (Potteric Carr)."

**pallidoluctuosum** Gröger & Zschiesch.

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

**paludicola** Murrill, *N. Amer. Fl.* (New York) 10(3): 218 (1917)

*Hebeloma hygrophilum* Poumarat & Corriol

Current name for *H. hygrophilum* accepted in <https://hebeloma.org/species/paludicola>.

**populinum** Romagn.

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

**populinum** Romagn.

**E: !**

**H:** (Based on three worldwide collections) Occurs with *Salicaceae* in wet habitats.

Move from 'excluded' list. Add the above details and replace **Notes** with: "One verified English collection (2010) is known from Oxfordshire (Shiplake College). Likely to be widespread in Europe although expected to be rare or historically overlooked. Beker *et al.*, *FungEur*14: 321 (2016) report that 33 collections on their database originally determined as *H. populinum* were reassigned to 18 other taxa following their analysis."

**psammophilum** Bon

Move to 'excluded' list.

**psammophilum** Bon

**W: !**

**H:** In sand on mobile coastal dune near *Salix cinerea*.

Move from 'excluded' list. Add the above details and replace

**Notes** with: "A collection (2011) in K from Merionethshire (Shell Island) morphologically and molecularly confirmed by H.J. Beker & U. Eberhardt and documented in Aron [FM21(4): 135-137 (2020)]."

**pseudofragilipes** Beker, Vesterh. & U. Eberh., in Beker, Eberhardt, Vesterholt & Schütz, *Fungal Biology* 120(1): 88 (2015) [2016]

**E: ! S: !**

**H:** Occurs with a wide range of trees and shrubs in various habitats.

New record. The holotype is an English collection (2004) from Derbyshire (Chatsworth) preserved in BR with an isotype in C. Other verified collections are from widespread localities in England and Scotland. Likely to have been historically confused with *H. fragilipes* [Beker *et al.*, *FungEur*14: 303 (2016)].

**pumilum** J.E. Lange

**E: !**

**H:** English collection associated with *Quercus* sp. in old oak woodland.

Remove from synonymy of *H. birrus* and recognise as separate species. Add the above details and following **Notes**: "An English collection in K (1998) from South Hampshire (Wood Crates) has been redetermined as this (Beker *et al.* [FM 18(4): 119-132 (2017)]."

**rostratum** Beker, Vesterh. & U. Eberh., in Beker, Eberhardt, Vesterholt & Schütz, *Fungal Biology* 120(1): 96 (2015) [2016]

**O:** Isle of Man: !

**H:** Occurs with *Salicaceae*.

New record. Verified from the Isle of Man [Beker *et al.*, FM 18(4): 119-132 (2017)].

**sacchariolens** Qué.

*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]**

**sacchariolens** Qué.

**E: ! S: ? W: ? NI: ? ROI: ? O:** Channel Islands: !

**H:** Occurs with broadleaved trees, usually in parks, gardens and on pathsides, but is not known in arctic/alpine habitats.

Amend the above details and replace **Notes** with: "Quélet's illustration has been designated as lectotype supported by a sequenced English epitype from Surrey (Virginia Water) [Beker *et al.*, *FungEur*14: 529 (2016)]. Verified collections from Jersey (Jersey Zoo) and West Sussex (Houghton Forest)."

**salicicola** Beker, Vesterh. & U. Eberh., in Eberhardt, Beker & Vesterholt, *Persoonia* 35: 143 (2015)

**S: ! W: !**

**H:** Occurs with *Salicaceae*, often with *Salix repens* in calcareous dunes and dune slacks, but can also be found in arctic/alpine habitats.

New record. A Welsh collection (2001) verified from Anglesey (Newborough Warren).

**senescens** Sacc.

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

**sinapizans** (Paulet) Gillet

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

**H:** Its northern European sites are usually on base-rich soil, usually with *Fagus* or *Quercus*, and it is likely to favour warm localities. It has also been found with *Helianthemum* on chalk downland.

Amend the above details and replace **Notes** with: "Verified English collections from Buckinghamshire (Coombe Hill), Derbyshire (Cressbrookdale and Deepdale), West Lancashire (Gait Barrows) and Westmorland (Roudsea)."

**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]**

**sordidum** Maire

Move to synonymy of *H. subtortum* (q.v.).

**subtortum** P. Karst. *Bidr. Känn. Finl. Nat. Folk* 48: 466 (1889)  
*Hebeloma sordidum* Maire  
*Hebeloma flammuloides* Romagn.

**E:** !

**H:** Recorded with a wide range of mycorrhizal trees and shrubs, but not *Salix*, and apparently favouring southern Europe.

Move *H. flammuloides* from synonymy of *H. mesophaeum* and move *H. mesophaeum* var. *crassipes* to synonymy of *H. mesophaeum* based on morphological and molecular studies [Beker *et al.*, *FungEur*14: 597, 614 (2016)].

Replace **Notes** with: "Previously included as *H. sordidum* which is now reduced to synonymy. Verified single collection from Nottinghamshire (Clumber Park)".

**theobrominum** Quadr.

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

**H:** Occurs with a wide range of trees in woodland, perhaps favouring calcareous soils, but also known in grassland sites with *Helianthemum*.

Amend the above details and replace **Notes** with: "Verified English collections from Derbyshire (Coombsdale), East Sussex (St Dunstan's Farm) and Westmorland (Roudsea). Most historical collections are determined as *H. truncatum*."

**vaccinum** Romagn.

**E:** ! **S:** ! **W:** ! **ROI:** ? **O:** Channel Islands: !

**H:** Occurs with *Salicaceae* and in various habitats, including woodland and arctic/alpine, but very often found in dune slacks.

Amend the above details and replace **Notes** with: "Verified collections from Anglesey (Newborough dunes), Caithness (Dunnet Links and Ushat Head) and South Lancashire (Ainsdale Dunes)".

**velatum** (Peck) Peck, *Bull. N.Y. St. Mus.* 139: 69 (1910)

*Hebeloma collarium* Bruchet

*Hebeloma dunense* L. Corb. & R. Heim

Current name for *H. dunense* accepted in <https://hebeloma.org/species/velatum>.

**velutipes** Bruchet

*Hebeloma tenuifolium* Romagn., *Docums Mycol.* 15(no. 59): 53 (1985)

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

**H:** Occurs with a wide range of trees and shrubs, including *Helianthemum*, in various habitats, including sand dunes and arctic/alpine.

Remove from synonymy of *H. leucosarx* and recognise as separate species. Move *H. tenuifolium* (= *H. angustifolium* Romagn. nom. illeg.) from 'excluded' list to synonymy. Add the above details and following **Notes**: "Verified collections from widespread localities in England, Scotland and Wales [Beker *et al.*, *FungEur*14: 391 (2016)]. One of the commonest British *Hebeloma* species."

**vesterholtii** Beker & U. Eberh., in Eberhardt & Beker, *Mycol. Progr.* 9(2): 218 (2010)

**E:** !

**H:** Occurs with broadleaved trees, usually with *Quercus*, and usually in calcareous soils.

New record. This species was segregated from *H. theobrominum* and has two English collections (2008 and 2004) respectively from Derbyshire (Calke Abbey) and East Sussex (St Dunstan's Farm) as paratypes.

## HEBELOMINA Maire

This is now a synonym of *Hebeloma* based on type studies (see *FungEur*14). However, *Hebelomina neerlandica* has been recombined as *Gymnopilus neerlandicus* (q.v.). Based on their molecular studies, Beker *et al.* (in *FungEur*14) concluded that specimens formerly assigned to *Hebelomina* were pale and smooth-spored forms of several brown-spored species in at least three genera. The 5 specimens in K collected from Surrey (Esher/Oxshott) and originally named as *H. neerlandica* have been redetermined (see *Gymnopilus neerlandicus*). A sixth such specimen in K from North Hampshire (Leckford) has been redetermined as *Galerina* sp. (probably *G. marginata*) based on a morphological study.

## HEMILECCINUM Šutara, *Czech Mycol.* 60(1): 52 (2008)

Type: *Hemileccinum impolatum* (Fr.) Šutara

The following species are now moved from *Boletus*.

**depilatum** (Redeuilh) Šutara, *Czech Mycol.* 60(1): 55 (2008)

**impolatum** (Fr.) Šutara, *Czech Mycol.* 60(1): 55 (2008)

## 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]**

**Heridium 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 (2002) 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]**

**Heridium coralloides** (Scop.) Pers.

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

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

## HETEROCHAETELLA (Bourdot) Bourdot & Galzin

See comments under *Protomerulius*.

## HETEROGASTRIDIIUM Oberw. & R. Bauer

Move to Subphylum *Pucciniomycotina*.

## HETERORADULUM Lloyd ex Spirin & Malysheva, in Malysheva & Spirin, *Fungal Biology* 121(8): 709 (2017)

Type: *Heteroradulum kmetii* (Bres.) Spirin & Malysheva

**deglubens** (Berk. & Broome) Spirin & Malysheva, in Malysheva & Spirin, *Fungal Biology* 121(8): 710 (2017)

A new heading for the entry previously headed by *Eichleriella deglubens* (q.v.).

**Hirticlavula elegans** J.H. Petersen & Læssøe, in Petersen et al., *Karstenia* 54: 2 (2014)

**E:** !

**H:** English collection on bark of *Fagus*.

New record. A collection (2016) at K from South Hampshire (Millyford Bridge). For further details see Petersen & Læssøe *FM16*(3): 93–94 (2015) and *FM18*(1): 35 (2017).

## HODOPHILUS R. Heim, in Herink, *Sborník severočeského Muzea, Přírodní Vědy*. 1: 61 (1958)

Type: *Hodophilus foetens* (W. Phillips) Birkebak & Adamčík, in Birkebak, Adamčík, Looney & Matheny, *Mycologia* 108(5): 866 (2016)

Recent molecular and morphological studies [Birkebak et al., *Mycologia* 108(5): 860–868 (2016), Adamčík et al., *Mycological Progress* 16(1): 47–62 (2017) and Adamčík et al., *Mycological Progress* 16(8): 811–821 (2017)] have justified the recognition of *Hodophilus*, thus necessitating some moves from *Camarophylloopsis*, and the recognition of some new species (see below).

**anatinus** Dima, Adamčík & Jančovič., in Adamčík, Dima, Adamčíková, Harries, Læssøe, Moreau & Jančovičová, *Mycol. Progr.* 17(9): 1103 (2018)

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

**H:** Occurs in calcareous grassland.

New record. The paratypes include English collections (2016) from Derbyshire (Lin Dale and Wolfscote Dale) and a Welsh collection (2013) in K from Caernarvonshire (Mariandyrys).

**atropunctus** (Pers.) Birkebak & Adamčík, in Birkebak, Adamčík, Looney & Matheny, *Mycologia* 108(5): 867 (2016)  
Name changed from *Camarophylloopsis atropuncta*. Neotypified with Welsh (Pembrokeshire) material [Adamčík et al., *Mycological Progress* 16(8): 811–821 (2017)].

**camabriensis** Adamčík & Harries, in Adamčík, Dima, Adamčíková, Harries, Læssøe, Moreau & Jančovičová, *Mycol. Progr.* 17(9): 1105 (2018)

**W:** !

**H:** Welsh collections on bare soil or in moss in shaded sites (woodland edge, stream bank).

New record. Described with a Welsh holotype from Pembrokeshire (Orielson Wood). The paratypes include a Welsh collection (2008) in K from Pembrokeshire (Hundleton).

**foetens** (W. Phillips) Birkebak & Adamčík, in Birkebak, Adamčík, Looney & Matheny, *Mycologia* 108(5): 866 (2016)  
Name changed from *Camarophylloopsis foetens*. Epitypified with Welsh (Breconshire) material [Adamčík et al., *Mycological Progress* 16(1): 47–62 (2017)].

## hymenocephalus

Name changed from *Camarophylloopsis hymenocephala*.

**hymenocephalus** (A.H. Sm. & Hesler) Birkebak & Adamčík  
Move to 'excluded' list.

**micaceus** (Berk. & Broome) Birkebak & Adamčík  
Name changed from *Camarophylloopsis micacea*. Recent molecular and morphological studies [Adamčík et al., *Mycological Progress* 17(9): 1097–1111 (2018)] have justified

the recognition of six European species formerly classified as *H. micaceus*, of which *H. micaceus* s.str. (Welsh holotype and epitype; Welsh and English DNA-verified collections) and two other segregate species [*H. anatinus* (q.v.) and *H. camabriensis* (q.v.)] should now be included on the British & Irish list. *Hygrophorus phaeoxanthus* should be moved from the synonymy of *Hodophilus micaceus* and moved to 'excluded' list as *Hodophilus phaeoxanthus*, a distinct species.

**phaeophyllus** (Romagn.) Arauzo & Iglesias, *Errotari* 15: 330 (2018) (*nom. inval.*)

**NI:** !

**H:** In coastal calcareous grassland soil.

A collection (2022) from Co. Antrim (Little Deer Park ASSI) determined by comparing its ITS sequence (D. Mitchel) with that of the epitype (99.5% similarity).

**stramineus** Jančovič., Dima & Adamčík, in Adamčík, Dima, Adamčíková, Corriol, Læssøe, Moreau, Cabon & Jančovičová, *Mycol. Progr.* 19(2): 121 (2019) [2020]

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

**H:** In soil in shaded sites within or near broadleaved woodland. Described with a Welsh holotype from Pembrokeshire (Orielson Wood). The paratypes include a redetermined English collection (2008) in K from South Somerset (Swell Wood), originally determined as *Camarophylloopsis foetens*, and a Welsh collection (2014) from Montgomeryshire (Gregynog).

**subfoetens** Jančovičová, Adamčík & Looney, in Adamčík, Jančovičová, Looney, Adamčíková, Birkebak, Moreau, Vizzini & Matheny, *Mycological Progress* 16(1): 57 (2017)

**W:** !

**H:** Welsh collection in unimproved peaty upland pasture.

New record. The paratypes include a Welsh collection (2005) in K from Monmouthshire (Bloreng).

**tenuicystidiatus** Jančovičová, Adamčík & Looney, in Adamčík, Jančovičová, Looney, Adamčíková, Birkebak, Moreau, Vizzini & Matheny, *Mycological Progress* 16(1): 54 (2017)

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

**H:** Occurs on soil in scrub, near woodland edges or in grassland.

New record. The paratypes include English collections (2010 & 2013) from Oxfordshire (Hinksey Heights Fen) and Northamptonshire (Ring Haw), the latter in K, and a Welsh collection (2010) from Pembrokeshire (Hundleton).

**variabilipes** Jančovičová, Adamčík & Looney, in Adamčík, Jančovičová, Looney, Adamčíková, Griffith, Læssøe, Moreau, Vizzini & Matheny, *Mycological Progress* 16(8): 818 (2017)

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

**H:** Occurs on soil in scrub, near woodland edges or in grassland.

New record. The paratypes include an English collection (2012) from South-west Yorkshire (Mirfield) in K and Welsh collections 2010–2016) from Monmouthshire (Bloreng) and Pembrokeshire (Hundleton & Orielson).

## HOHENBUEHELIA Schulzer

The following changes are based on the treatment of British species in Henrici [FM 10(4): 130–139 (2009)] and subsequent studies.

**auriscalpium** (Maire) Singer  
*Hohenbuehelia abietina* Singer & Kuthan, *Česká Mykol.* 34(2): 61 (1980)

Add *Hohenbuehelia abietina* to synonymy following Ainsworth et al. [FM17(3): 78–86 (2016)] and Consiglio & Setti (2018).

**bonii** A.M. Ainsw., in Ainsworth, Suz & Dentinger, *Field Mycology* 17(3): 81 (2016)  
*Acanthocystis petaloides* var. *macrospora* Bon, *Bull. trimest. Soc. myc. Fr.* 86(1): 163 (1970)  
*Hohenbuehelia petaloides* var. *macrospora* (Bon) Courtec., *Doc. Mycol.* 15(nos 57–58): 30 (1985) [1984]  
Mis.: *Hohenbuehelia culmicola* sensu auct. Brit. p.p.

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

**H:** On dead parts of coastal grass culms, usually of *Ammophila arenaria*, in sand dunes, often fruiting around the stem bases. Rarely reported but apparently widespread. The historical concept of *H. culmicola* sensu auct. Brit. included a distinct taxon now recognised as *H. bonii*. Basidiomes are larger than those of true *H. culmicola* (q.v.) and the two species can occur at the same site. Known from Britain, France and the Netherlands.

**culmicola** Bon, *Doc. Mycol.* 10(37–38): 89 (1980) [1979]  
Mis.: *Pleurotus longipes* sensu P.D. Orton (1959)  
Mis.: *Pleurotus petaloides* f. *carbonarius* sensu auct. Brit.

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

**H:** On dead or dying stems of *Ammophila arenaria* (more rarely recorded on *Leymus arenarius*) in coastal dunes, often fruiting in the sand, at or around the stem bases.

**D:** BFF6: 42–43, FAN3: 162 **I:** C&D: 153, SV33: 45

Rarely reported but apparently widespread. Basidiomes are small, often hidden in sand and easily overlooked. Synonymy amended following the morphological and molecular studies of Ainsworth *et al.* [FM 17(3): 78–86 (2016)] which demonstrated that the historical concept of *H. culmicola* sensu auct. Brit. included a distinct taxon now recognised as *H. bonii* (q.v.).

**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**]

**grisea** (Peck) Singer

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

**H:** On dead wood of various broadleaved trees and shrubs.

Move from 'excluded' list following DNA analysis (K.

Liimatainen, unpubl.) of four specimens in K originally determined as *H. atrocoerulea* (3) or *H. fluxilis* (1) and matching of the resulting sequences with those derived from the Austrian epitype (see Consiglio & Setti, 2018, who regard *H. myxotricha* as possibly providing an earlier name for this species). Historical collections named as *H. atrocoerulea* should be viewed with caution until re-examined/sequenced.

**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 19<sup>th</sup> 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**]

**pinacearum** Thorn

Move to 'excluded' list. The remainder of the entry should be retained but headed by the name *Hohenbuehelia josserandii* Consiglio & Setti, *Riv. Micol.* 60(1): 20 (2017). This is the European species found on coniferous wood formerly misdetermined as the N. American *H. pinacearum*.

**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**]

**HORTIBOLETUS** Simonini, Vizzini & Gelardi, in Vizzini, *Index Fungorum* 244: 1 (2015)

Type: *Hortiboletus rubellus* (Krombh.) Simonini, Vizzini & Gelardi

**bubalinus** Oolbakk. & Duin, in Oolbakkink, *Persoonia* 14(3): 367 (1991)

**H:** In soil, often in anthropogenic environments (e.g. parks, gardens and roadsides) and ectomycorrhizal with a wide range of broadleaved and some coniferous trees.

New name for *Boletus bubalinus*. A sequence from an English collection clusters with that of the holotype in the multilocus analysis of Biketova *et al.* [*IMA Fungus* 16: e144731 (2025)].

**engelii** (Hlaváček) Biketova & Wasser

Mis.: *Boletus declivatum* sensu auct. Brit.

**H:** In soil, often in anthropogenic environments (e.g. parks, gardens and roadsides) and ectomycorrhizal with a wide range of broadleaved and some coniferous trees, often with *Quercus*.

New name for *Boletus declivatum* sensu auct. Brit. Five English sequences cluster with others labelled and accepted as this in the multilocus analysis of Biketova *et al.* [*IMA Fungus* 16: e144731 (2025)] in which *B. declivatum* is regarded as doubtfully synonymous.

**rubellus** (Krombh.) Simonini, Vizzini & Gelardi, in Vizzini, *Index Fungorum* 244: 1 (2015)

New name for *Boletus rubellus*. Sequences from two English collections cluster with that of the epitype in the multilocus analysis of Biketova *et al.* [*IMA Fungus* 16: e144731 (2025)].

**HYDNELLUM** P. Karst.

Molecular analyses (LSU and ITS regions) have shown that the traditional morphological distinction between this genus and *Sarcodon* is no longer tenable [Larsson *et al.* *MycoKeys* 54: 31–47. (2019)]. Both genera continue to be recognized but *Sarcodon* is now much reduced and *Hydnellum* has an emended description. The following entries comprise new species and transfers from *Sarcodon* to *Hydnellum* (further examples to be found in the 'excluded' list):

**auratile** (Britzelm.) Maas Geest.

Move to 'excluded'. [**UD1**]

**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]

**fagiscabrosus** A.M. Ainsw. & Nitare, in Nitare, Ainsworth, Larsson, Parfitt, Suz, Svantesson & Larsson, *FUSE* 7: 238 (2021)

**E:** !

**H:** In nutrient-poor, often mossy, soil associated with *Fagaceae*; English collections usually with *Quercus* or *Castanea*.

Described with many sequenced English paratypes in K, almost all of which were previously determined as *Sarcodon scabrosus*, from Berkshire (Windsor Crown Estate), East Norfolk (St Faith's Common), South Hampshire (New Forest), Surrey (Witley Common & Woking) and West Kent (Seal Chart & Tudeley Woods). In Britain, this is the broadleaved woodland counterpart of *S. scabrosus*, which is a strict *Pinaceae* associate.

**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]

**ioeides** (Pass.) E. Larss., K.H. Larss. & Kõljalg, in Larsson, Svantesson, Miscevic, Kõljalg & Larsson, *MycKeys* 54: 41 (2019).

This epithet was originally listed as *joeides*, now regarded as an orthographic variant.

**lepidum** (Maas Geest.) E. Larss., K.H. Larss. & Kõljalg, in Larsson, Svantesson, Miscevic, Kõljalg & Larsson, *MycKeys* 54: 41 (2019)

New heading for the entry currently headed by *Sarcodon regalis*. The latter is now recognised as a synonym of *H. lepidum* (= *S. lepidus*) following the molecular analyses in Nitare *et al.* [*FUSE* 7: 233-254 (2021)] which included sequences derived from type collections of both species. Replace **Notes** with: "Collected in 1968 and 1969 from the type locality of *S. regalis* in Berkshire (Swinley Park) but, due to redevelopment of the site for housing and absence of any further records, it had been assessed as extinct in Britain. It was shown to be extant by matching the DNA barcode obtained from a 2019 collection from South Hampshire (New Forest) with that derived from the holotype of *S. lepidus* (E. Janke & Nitare *et al.*)." Further details in Lucas & Ainsworth [*FM22*(3): 91-94 (2021)].

**nemorosum** A.M. Ainsw. & E. Larss., in Nitare, Ainsworth, Larsson, Parfitt, Suz, Svantesson & Larsson, *FUSE* 7: 246 (2021)

**E:** !

**H:** In nutrient-poor, often mossy, soil associated with *Fagaceae*; English collections probably with *Castanea*. Described with an English holotype (2008) and paratype (2010) in K and only known in **Britain** from the type locality in Berkshire (Windsor Great Park).

**scabrosus** (Fr.) E. Larss., K.H. Larss. & Kõljalg, in Larsson, Svantesson, Miscevic, Kõljalg & Larsson, *MycKeys* 54: 42 (2019).

**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]

**HYDNOPORIA** Murrill, *N. Amer. Fl.* (New York) 9(1): 3 (1907)

*Pseudochaete* T. Wagner & M. Fisch., *Mycol. Progr.* 1(1): 100 (2002)

*Hymenochaetopsis* S.H. He & Jiao Yang, in Yang, Dai & He, *Mycol. Progr.* 15(2/13): 2 (2016)

Type: *Sistotrema fuscescens* Schwein.

An earlier name for the illegitimate *Pseudochaete* (q.v.) and its replacement *Hymenochaetopsis*.

**corrugata** (Fr.) K.H. Larss. & Spirin, in Miettinen, Larsson & Spirin, *Fungal Systematics and Evolution* 4: 88 (2019)

Segregated from *Hymenochaete* and moved to *Pseudochaete* and then *Hymenochaetopsis* following molecular and morphological studies [He & Dai, *Fungal Diversity* 56(1): 77-93 (2012); Yang, Dai & He, *Mycol. Progr.* 15(2/13): 1-8 (2016); Corfixen & Parmasto, *Karstenia* 57: 49-80. (2017)]. Now moved to the reinstated and earlier genus *Hydnoporia*. *Hymenochaete agglutinans* should be removed from the list of synonyms as this has now been lectotypified, epitypified and recognized as a synonym of the non-British *Hydnoporia olivacea* [Miettinen, Larsson & Spirin, *Fungal Systematics and Evolution* 4: 77-96 (2019)].

**tabacina** (Sowerby) Spirin, Miettinen & K.H. Larss., in Miettinen, Larsson & Spirin, *Fungal Systematics and Evolution* 4: 93 (2019)

Segregated from *Hymenochaete* and moved to *Pseudochaete* and then *Hymenochaetopsis* following molecular and morphological studies [Wagner & Fischer, *Mycol. Progr.* 1(1): 93-104 (2002); Yang, Dai & He, *Mycol. Progr.* 15(2/13): 1-8 (2016); Corfixen & Parmasto, *Karstenia* 57: 49-80. (2017)]. Now moved to the reinstated and earlier genus *Hydnoporia*.

**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 ibericum** Olariaga, Liimat. & Niskanen, in Niskanen, Liimatainen, Nuytinck, Kirk, Ibarguren, Garibay-Orijel, Norvell, Huhtinen, Kytövuori, Ruotsalainen, Niemelä, Ammirati & Tedersoo, *Mycologia* 110(5): 899 (2018)

**W:** !

**H:** Welsh collection in soil with coal spoil under *Corylus avellana* with *Quercus robur* nearby.

A collection (2022) in K from Glamorganshire (Brynna Woods) determined by comparing its ITS sequence (A.Yu. Biketova, A.M. Ainsworth, K. Liimatainen) with that of the holotype.

**Hydnum ovoideisporum** Olariaga, Grebenc, Salcedo & M.P. Martín 2012

**W:** !

**H:** Welsh collection fruiting in soil amongst *Helianthemum canum*.

A collection (2017) at K from Caernarvonshire (Great Orme) determined as this by matching its barcode sequence with that of the type (K. Liimatainen unpubl.).

**Hydnum pallidum** Raddi, *Mem. Mat. Fis. Soc. Ital. Sci. Modena*, Pt. Mem. Fis. 13: 353 (1807)

This name now has a lectotype supported by a sequenced epitype (although registration of this typification is currently "not Code compliant" fide IF) and is accepted as an earlier name for *H. reginae* (= *H. albidum* sensu auct. Eur.) whose existing CBIB entry should now be headed by *H. pallidum*

following the analyses of Márquez-Sanz *et al.* [*Journal of Fungi* 9, 1141. <https://doi.org/10.3390/jof9121141> (2023)].

**Hydnum reginae** Kibby, Liimat. & Niskanen, in Kibby & Liimatainen, *Index Fungorum* 523: 1 (2022)  
Mis.: *Hydnum albidum* sensu auct. Eur.

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

**H:** In calcareous soil of *Fagus* woodland and in grassland with *Helianthemum*.

Described with a sequenced English holotype, now in K, from Surrey (White Downs) and an unconfirmed record from Caernarvonshire (Great Orme). Documented in Kibby & Liimatainen [FM23(3): 77-80 (2022)].

**Hydnum subovoideisporum** Niskanen & Liimat., in Niskanen *et al.*, *Mycologia*: 10.1080/00275514.2018.1477004, 20 (2018)

**E:** !

**H:** English collection on soil in broadleaved woodland.

A collection (2020) from Buckinghamshire (Burnham Beeches) determined as this based on a comparison of its ITS sequence (Alvalab) with that obtained from the holotype (identical).

**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]**

**Hydropus inopinatus** P. Cullington, M. Harrison, E. Janke & B. Webb, in Cullington, *Field Mycology* 25(3): 79 (2024)

**E:** !

**H:** On damp, well-rotted stumps, or their disintegrated fragments, in contact with damp soil. On dead wood of various trees including *Castanea*, *Picea* and *Pinus*.

Described with English holotype and paratypes (2023) in K from Buckinghamshire (Burnham Beeches, Penn Wood) and North Hampshire (Morgaston Wood) and also recorded from West Kent (Mereworth Woods).

## **HYGROCYBE** (Fr.) P. Kumm.

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

**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]**

**acutoconica** var. **konradii** (R. Haller Aar.) Boertm., *Fungi of Northern Europe 2<sup>nd</sup> 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]**

**amara** Fuljer, M. Zajac, Boertm. & Kautman., in Fuljer, Zajac, Boertmann, Strašitáková, Larsson & Kautmanová, *Fungal Syst. Evol.* 14: 311 (2024)

Mis.: *Hygrocybe mucronella* sensu auct. p.p.

**E:** !

**H:** In grassland soil.

Two English collections (2004 & 2018) in K from Cambridgeshire (Wisbech St Mary) and East Sussex (Ditchling

Beacon area) respectively. Determined by comparing their ITS sequences (B.T.M. Dentinger, K. Liimatainen, A.M. Ainsworth) with that of the holotype (over 99% similarity) and confirmed by F. Fuljer. This is one component of the *H. mucronella* complex.

**forficata** 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 forficata*. The taxon was originally described from England (Herefordshire), subsequently reported from Scotland and Wales, and recently redescribed from Derbyshire. **[UD2]**

**Hygrocybe garajonayensis** De la Peña-Lastra, A. Mateos & Illescas, in Crous *et al.*, *Fungal Systematics and Evolution* 13: 250 (2024)

Mis.: *Hygrocybe insipida* sensu auct. Brit. p.p.

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

**H:** In grassland soil.

Two English collections (2004) in K from East Sussex (Netherfield Church) and Surrey (Brookwood Cemetery), with derived sequences deposited in GenBank by Brock *et al.* [*New Phytologist* 181: 719-724 (2009)], originally misdetermined and filed in both places as *H. mucronella* and *H. cantharellus* respectively. Redetermined by comparing their ITS sequences with that of the holotype (98-99%). Several other sequences from British collections have yet to be published. A recent Irish collection (2023) from Co. Kildare (The Curragh) was also sequenced and determined as this (T. Milan). Perhaps one of the most frequent components of *H. insipida* s.l. found in the CBIB area and likely to be *H. subminutula* s. Orton (NCL3) where it is described as "not uncommon".

**irrigata** (Pers.) Bon

Name changed to *Gliophorus irrigatus*. **[UD6]**

**laeta** (Pers.) P. Kumm.

Name changed to *Gliophorus laetus*. **[UD6]**

**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]**

**persistens** (Britzelm.) Singer

Name changed to *H. acutoconica* (see above). **[UD5]**

**persistens** var. **konradii** (R. Haller Aar.) Boertm.

Name changed to *H. acutoconica* var. *konradii* (see above). **[UD5]**

**psittacina** (Schaeff.) P. Kumm.

Name changed to *Gliophorus psittacinus*.

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

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

**E:** !

**H:** On coniferous litter and woody debris.

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

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

**Hygrophorus carpini** Gröger**E:** !**H:** English collections on soil with *Carpinus*.

Move from synonymy of *H. lindtneri* and recognise as a distinct *Carpinus*-associated species. Collections in K from West Kent (Cockney's Wood and Darenth Wood) and collected in North Essex (Hatfield Forest) as documented in Overall [FM20(2): 60–66 (2019)] and following the treatment in Campo [Hygrophorus, Hygrocybe e Cuphophyllus del Friuli Venezia Giulia. Gruppo Micologico Sacilese, Italy (2015)].

**Hygrophorus latitabundus** Britzelm.**E:** !**H:** English collection on soil under *Fagus* with some *Pinus*.

Move from 'excluded' list and replace **Notes** with: A collection (2018) in K from North Hampshire (Isle of Wight Hill) whose determination was molecularly confirmed by E. Larsson.

**Hygrophorus lindtneri** M.M. Moser

Move *H. carpini* (q.v.) from synonymy and recognise as a distinct *Carpinus*-associated species.

**Hygrophorus marzuolus** (Fr.) Bres., *Atti Acad. Agiato Rovereto* 2: 3 (1893)**E:** !**H:** English collection in acidic soil near *Quercus petraea* with *Calluna* and *Vaccinium*.

A collection (2022) from Shropshire (Wyre Forest) determined as this based on morphological characters and a comparison of its ITS sequence (identical) with the two sequences labelled as this in GenBank (A.Yu. Biketova, A.M. Ainsworth).

**Hymenangium album** Klotzsch

Name changed to *Descolea alba* (q.v.).

**Hymenochaete corrugata** (Fr.) Lév.

Name changed to *Hydnoporia corrugata* (q.v.).

**Hymenochaete fuliginosa** (Pers.) Lév.**E:** !**H:** On fallen branch of *Pinus radiata*.

Move from 'excluded' list and replace **Notes** with: A single collection (2005) in K from East Cornwall (Boconnoc Estate) originally filed as *H. fuliginosa* cf. and redetermined based on the 2017 European monograph [Corfixen & Parmasto, *Karstenia* 57: 49–80. (2017)]. Remove *H. subfuliginosa* (q.v.) from synonymy and include as a distinct species.

**Hymenochaete jaapii** Corfixen, in Corfixen & Parmasto, *Karstenia* 57: 60 (2017)**E:** ! **S:** !

**H:** On dead stem of *Rubus fruticosus* agg. but elsewhere in Europe on various rosaceous and other woody substrata. Three historic English and a Scottish collection included in the 2017 European monograph [Corfixen & Parmasto, *Karstenia* 57: 49–80. (2017)]. These include an 1863 specimen in K from North Somerset (Batheaston) redetermined by P. Corfixen.

**Hymenochaete pilatii** Corfixen & Parmasto, *Karstenia* 57: 63 (2017)**S:** !

**H:** On dead stem of *Prunus padus* but elsewhere in Europe on various rosaceous and other woody substrata.

One historic Scottish collection included in the 2017 European monograph [Corfixen & Parmasto, *Karstenia* 57: 49–80. (2017)]. This specimen (in K) was collected in Morayshire (Forres) and redetermined by P. Corfixen.

**Hymenochaete subfuliginosa** Bourdot & Galzin, *Bull. Soc. mycol. Fr.* 38(2): 184 (1922)**S:** !

**H:** On dead wood of *Quercus* but elsewhere in Europe more rarely on other broadleaved woody substrata including worked timber.

Move from 'excluded' list and from the synonymy of *H. fuliginosa*. Replace **Notes** with: Two historic Scottish collections included in the 2017 European monograph

[Corfixen & Parmasto, *Karstenia* 57: 49–80. (2017)]. One specimen (in K) was collected in Angus (Glamis).

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

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

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

Name changed from *Xerula radicata*.

**radicata var. bispora** (Redhead, Ginns & Shoemaker) R.H. Petersen, in Petersen & Hughes, *Nova Hedwigia*, Beih. 137: 209 (2010)

Add to synonymy of species entry. A 1962 English collection (as *Xerula radicata* var. *bispora*) in DAOM from Surrey (likely to be Albury Park) reported in Petersen & Hughes [*Mycotaxon* 30: 398 (1987)], two 1991 Scottish collections from East Perthshire (Blair Atholl & Killiecrankie) reported in Petersen & Hughes [*Nova Hedwigia*, Beih. 137: 426 (2010)] and a more recent (2016) Welsh collection in K from Carmarthenshire (Upper Lliedi Reservoir). A sequence was generated from the latter (K. Liimatainen unpubl.) and found to be identical to that obtained from Swedish material of *H. radicata* var. *bispora* s. Petersen & Hughes.

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

Name changed from *Xerula xeruloides*.

**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]**

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

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

**multicystidium** (Hjortstam & Ryvarden) Hjortstam & Tellería, in Tellería, *Bibliotheca Mycol.* 135: 56 (1990)**E:** !**H:** English collection on fallen decayed wood.

New record. A collection (2016) at K from South Hampshire (Round Hill).

**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 JI 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. roseocremeum*, was redetermined as this (paratype) and verified by interfertility testing by Larsson [*Nordic JI 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**]

**orphanelum** (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**]

**pallidum** (Bres.) Donk

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

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

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

**Hyphodermella rosae** (Bres.) Nakasone, *Cryptog. Mycol.*

29(3): 251 (2008)

*Odontia rosae* Bres., *Stud. Trent., Classe II, Sci. Nat. Econ.* 7(1): 60 (1926)

**E:** !

**H:** English collections on dead attached wood of trees and shrubs with white aerial mycelial bridges connecting and binding ('welding') woody elements in close proximity.

An unvouchered record (1997) from Surrey (Norbury Park) and a few collections at K (2016 onwards) from West Sussex (Offham & Rackham Hill) confirmed by morphological and molecular studies. Further details in Ainsworth & Liimatainen [FM20(2): 43–47 (2019)].

## **HYPHODONTIA** J. Erikss.

Remove the genus *Fibrodontia* (q.v.) from synonymy. For species name change see under *Fibrodontia*. [**UD5**].

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

**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**]

**incrustata** 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**]

**latitans** (Bourdot & Galzin) Ginns & M.N.L. Lefebvre

Now recombined in *Kneiffiella* as *K. abdita* (q.v.) since *K. latitans* already exists.

**Hypholoma lateritium** (Schaeff.) P. Kumm.

*Pratella lateritia* (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 627 (1821)

Add *Pratella lateritia* to synonymy. [**UD4**]

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

**E:** !

**H:** English collection on manured soil in vegetable allotment.

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

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

## **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 & Ryvarde, *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**]

**vellereum** (Ellis & Cragin) Parmasto

Name changed to *Granulobasidium vellereum* (q.v.). [**UD3**]

**Hysterangium inflatum** Rodway, *Pap. Proc. R. Soc. Tasm.:*

108 (1918) [1917]

**E:** !

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

**D+I:** FM 16(4): 123-124 (2015)

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

## **IMLERIA** Vizzini, *Index Fungorum* 147: 1 (2014)

Type: *Imleria badia* (Fr.) Vizzini

The following species is now moved from *Boletus*.

**badia** (Fr.) Vizzini, *Index Fungorum* 147: 1 (2014)

## **IMPERATOR** Koller, Assyov, Bellanger, Bertéa,

Loizides, G. Marques, P.-A. Moreau, J.A. Muñoz, Oppicelli, D. Puddu & F. Rich., *Index Fungorum* 243: 1 (2015)

Type: *Imperator torosus* (Fr.) Assyov, Bellanger, Bertéa, Courtec., Koller, Loizides, G. Marques, J.A. Muñoz, Oppicelli, D. Puddu, F. Rich. & P.-A. Moreau

The following species is now moved from *Boletus*.

**rhodopurpureus** (Smotl.) Assyov, Bellanger, Bertéa, Courtec.,

Koller, Loizides, G. Marques, J.A. Muñoz, Oppicelli, D. Puddu, F. Rich. & P.-A. Moreau, *Index Fungorum* 243: 1 (2015)

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

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

## **INCRUSTOCALYPTELLA** Agerer, *Z. Mykol.* 49(2):

160 (1983)

Type: *Incrustocalyptella columbiana* Agerer

**columbiana** Agerer, *Z. Mykol.* 49(2): 161 (1983)

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

**H:** On fallen leaves of *Hedera* sp., *Ilex aquifolium* and *Rhododendron ponticum*. Collections in K (2017 and 2019) respectively from Anglesey (Coed Môr) and West Cornwall (Redruth) and Welsh material initially determined as this based on morphology. There is a second known site (2019) in Anglesey (Lligwy). For more details, see Smith [FM22(2): 61-63 (2021)].

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

Type: *Infundibulicybe geotropa* (Bull.) Harmaja

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

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

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

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

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

**INOCYBE** (Fr.) Fr.

For a general guide to the segregation of *Inocybe* and new generic placements of species formerly assigned here, see Cullington [FM21(3): 102-107 (2020)] and the relevant entries in Index/Species Fungorum online. New CBIB entries will be restricted to those species representing new additions to, or exclusions from, the British and Irish list and those requiring edits other than changes to their generic placement. These entries will be found under *Inocybe*, *Inosperma*, *Mallocybe* and *Pseudosperma* as required.

**acutoides** Kokkonen & Vauras, *Mycol. Progr.* 11(1): 306 (2012)

**S:** !

**H:** Scottish collection in dried muddy stream bed of a mixed woodland which included *Pinus* and *Betula*.

A collection (2022) from East Ross & Cromarty (Blackmuir Wood) determined by comparing its ITS sequence (NHM/DTol, A.M. Ainsworth) with that of the holotype (99.7%).

**amblyospora** Kühner

**E:** !

**H:** English collection in soil near *Nothofagus*.

Move from 'excluded' list. Replace **Notes** with: A collection (2021) from South Hampshire (Hillier Gardens) was determined as this (sensu E. Larsson) based on a comparison of its ITS sequence (E. Janke) with those available in GenBank.

**aphroditeana** Bandini & G. Bandini, in Bandini, Oertel & Eberhardt, *Mycol. bavarica* 22: 72 (2022)

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

**H:** In soil under broadleaved trees.

Collections (1997, 2004 & 2010) in K from Carmarthenshire (Pont Felin-gât), North Hampshire (Alton) and West Gloucestershire (Forest of Dean), originally determined as *Inocybe lilacina* (aff.) or *I. geophylla* var. *lilacina*, were redetermined by comparing their ITS sequences (K. Liimatainen, A.M. Ainsworth) with that of the holotype. A member of the *I. lilacina* complex.

**astraiana** Bandini & B. Oertel, in Bandini, Oertel, Schüssler & Eberhardt, *Mycol. bavarica* 20: 27 (2020)

**E:** !

**H:** In soil with *Pinus sylvestris*.

A collection (2020) from East Sussex (Tilgate Park) determined as this based on a comparison of its ITS sequence with that of

the holotype and published with a photograph in Allison & Aplin [*Adastra* 2020 (Sussex Biodiversity Record Centre): 11 (2021)].

**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]**

**bongardii** var. **pisciadora** (Donadini & Rioussset) Kuyper, *Inocybe, Persoonia*, Suppl. 3: 41 (1986)

*Inocybe pisciadora* 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]**

**bongardii** var. **pisciadora** (Donadini & Rioussset) Kuyper  
Move to synonymy of *Inosperma pisciadorum*, which provides a new heading for this entry, following Cullington [FM21(3): 102-107 (2020)].

**bresadolae** Massee

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]**

**brevispora** Huijsman

Move from synonymy of *I. soluta* to the synonymy of *I. subcarpta* following Bandini *et al.* [*Integrative Systematics* DOI: 10.18476/2022.901982 (2022)] who showed that the barcode sequence from the holotype of *I. brevispora* clustered with that from the epitype of *I. subcarpta*.

**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]**

**cinninata** (Fr.) QuéL.

Move *I. obscuroides* from synonymy of *I. cinninata* to that of *I. cinninata* var. *major*. **[UD5]**

**cinninata** var. **major** (S. Petersen) Kuyper

Add *I. obscuroides* to synonymy (see above). **[UD5]**

**cinninata** var. **major** (S. Petersen) Kuyper

This entry to be headed by *I. obscuroides* with this variety listed in the synonymy. This taxon is now raised to specific rank following Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)].

**clandestina** Bandini, B. Oertel & U. Eberh., *Mycol. Progr.* 20(9): 1047 (2021)

**E:** !

**H:** In calcareous soil near *Helianthemum nummularium*.

An English collection (2024) from Buckinghamshire (Coombe Hill) determined by comparing its ITS sequence (E. Janke) with that of the holotype (99.8%).

**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]**

**cookei var. kuthanii** (Stangl & J. Veselský) Kuyper  
Move to synonymy of *Inosperma kuthanii*, which provides a new heading for this entry, following Cullington [FM21(3): 102-107 (2020)].

**corydalina var. erinaceomorpha** (Stangl & J. Veselský) Kuyper  
Move to *I. erinaceomorpha* (see below). **[UD4]**

**curcumina** Bandini, B. Oertel & U. Eberh., in Bandini, Oertel, Ploch, Ali, Vauras, Schneider, Scholler, Eberhardt & Thines, *Mycol. Progr.* 18(1-2): 265 (2018) [2019]

**E:** !

**H:** In soil near *Fagus*.

A collection (2021) from North Hampshire (Noar Hill) determined as this based on a comparison of its ITS sequence with that of the holotype (E. Janke).

**devina** Bandini, B. Oertel & U. Eberh., *Mycol. Bavarica* 22: 85 (2022)

**E:** !

**H:** In soil near *Fagus sylvatica*.

An English collection (2016) in K from Oxfordshire (Crowell Hill Wood) determined by comparing its ITS sequence (E. Janke) with that of the holotype (99.9%).

**dryadiana** Bandini & B. Oertel, in Bandini, Oertel & Eberhardt, *Mycol. Progr.* 20(9): 1053 (2021)

**E:** !

**H:** English collection in calcareous soil under *Quercus*.

A collection (2023) from Buckinghamshire (Turville Heath) determined by comparing its ITS sequence (E. Janke, P. Cullington) with that of the holotype.

**dvaliniana** Bandini & B. Oertel, in Bandini, Oertel & Eberhardt, *Mycol. bavarica* 21: 65 (2021)

**E:** !

**H:** English collection in soil.

A collection (2019) from West Gloucestershire (Forest of Dean) determined by comparing its ITS sequence (E. Janke, P. Cullington) with that of the holotype. Likely to be one of the species previously generally misdetermined in Britain as *I. cryptocystis*, (described from USA).

**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]**

**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]**

**flavella** P. Karst.

Move this species to *Pseudosperma* as *P. flavellum* (q.v.) and move *I. xanthocephala*, now recognised as a species in its own right, from synonymy to the head of a new entry as *P. xanthocephalum* (q.v.).

**floccipes** (Esteve-Rav. & Fouchier) Esteve-Rav. & Bizio, in Muñoz, Pancorbo, Turégano & Esteve-Raventós, *Fungi Iberici* 2: 20 (2022)

**E:** !

**H:** In soil under *Fagus*.

A collection (2021) in K from Buckinghamshire (Mousells Wood) determined as this based on a comparison of its ITS sequence with that of the holotype (E. Janke, F. Esteve-Raventós).

**fraudans** (Britzelm.) Sacc.

Remove *I. incarnata* (q.v.) and *I. pyriodora* subsp. *incarnata* from synonymy and include former as separate species.

**[UD5]**

**fuscescentipes** Kühner, *Docums Mycol.* 19(no. 74): 18 (1988)

**E:** !

**H:** English collections on calcareous downland soil with *Helianthemum*.

Collections (first determined by DNA analysis in 2015 by E. Larsson) from Oxfordshire (Watlington Hill) and Yorkshire documented in Cullington [FM20(2): 39-42 (2019)].

**fuscidula** Velen.

Move to synonymy of *I. glabripes* (which has a sequenced neotype) based on morphological evidence following Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)].

However, *I. virgatula* (q.v.) is to be moved from the synonymy of this and recognised as a distinct species with a sequenced lectotype following Bandini *et al.* (2021).

**gaiana** Bandini & B. Oertel, in Bandini, Oertel & Eberhardt, *Mycol. Progr.* 20(9): 1055 (2021)

**W:** !

**H:** In soil.

A collection (2021) in from Anglesey (Cefni Reservoir) determined as this based on a comparison of its ITS sequence with that of the holotype (E. Janke).

**geophylla** (Bull.) P. Kumm.

Move *Agaricus clarkii* and *Inocybe clarkii* from synonymy of *I. geophylla* var. *geophylla* to the synonymy of *I. sindonia* based on morphological evidence following following Bandini *et al.*, *Mycological Progress* 20(9): 1019-1114 (2021)].

**glabripes** Ricken

Synonyms to include *I. fuscidula*, formerly recognised as a distinct species, following Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)].

**grammatoides** Esteve-Rav., Pancorbo & E. Rubio, in Crous *et al.*, *Persoonia* 42: 419 (2019)

**E:** !

**H:** English collection in parkland soil under *Quercus* sp.

A collection (2021) in K from Middlesex (Bushy Park) determined as this based on a comparison of its ITS sequence (identical) with that derived from the holotype (A.Yu. Biketova, A.M. Ainsworth).

**grammopodia** Malençon, in Malençon & Bertault, *Champignon Supérieurs du Maroc* 1: 371 (1970)

**E:** !

**H:** English collection in garden soil near *Tilia* sp.

A collection (2021) from Oxfordshire (Kingston Blount) determined as this based on a comparison of its ITS sequence with published sequences accepted as representing this species sensu Bandini *et al.* (E. Janke).

**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]**

**helobia** (Kuyper) Bandini, B. Oertel & U. Eberh., in Bandini, Oertel, Schüssler & Eberhardt, *Mycol. bavarica* 20: 19 (2020)

Move *I. lacera* var. *helobia* to the synonymy of this species following the molecular analysis in Bandini *et al.* [*Mycol. bavarica* 20: 13-101 (2020)].

**ianthinopes** Pancorbo, G. Muñoz & Esteve-Rav., in Muñoz, Pancorbo, Turégano & Esteve-Raventós, *Fungi Iberici* 2: 15 (2022)

**E:** !

**H:** English collection in soil.

An English collection (2021) from South Hampshire (Crab Wood) determined as this based on a comparison of its ITS sequence with that of the holotype (E. Janke).

**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]**

**inodora**

*I. albidodisca* Kühner, *Bull. Soc. Naturalistes Oyonnax* 9 (Suppl.): 3 (1955)

Move *I. albidodisca* from 'excluded' list to synonymy of *I. inodora*. **[UD5]**

**ionolepis** Cullington & E. Larss., in Crous *et al.*, *Persoonia* 45: 359 (2020)

**E:** !

**H:** English collection in broadleaved woodland on stony soil under *Fagus*.

Described with a sequenced English holotype, now in K, collected (2017) from West Gloucestershire (Forest of Dean). This specimen was described and illustrated in Crous *et al.* [*Persoonia* 45: 358-359 (2020)], illustrated (as *I. ionolepis* *nom. prov.*) in Cullington [FM21(3): 102-107 (2020)] and further documented in Cullington [FM22(2): 55-60 (2021)].

**jucunda** Bandini, B. Oertel & U. Eberh., in Bandini, Oertel & Eberhardt, *Mycol. bavarica* 21: 74 (2021)

**E:** !

**H:** English collection in grass in open *Quercus robur* woodland. A collection (2021) from Oxfordshire (Blenheim Estate) determined as this based on a comparison of its ITS sequence with that derived from the holotype (A.Yu. Biketova). A second English collection (2021) from South Hampshire (West Wood) similarly determined (E. Janke).

**knautiana** Bandini & B. Oertel, in Bandini, Oertel & Eberhardt, *Mycol. Progr.* 20(9): 1070 (2021)

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

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

An English collection (2016) from West Gloucestershire (Forest of Dean) determined as this based on a comparison of its ITS sequence (UNITE) with that of the holotype and reported in Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)] and a Welsh one (2021) from Anglesey (Lligwy) similarly determined (E. Janke).

**krieglsteineri** Fern. Sas. [as '*krieglsteinerii*'], *Bull. Soc. mycol. Fr.* 120(1-4): 180 (2005) [2004]

**W:** !

**H:** In soil.

A collection (2021) from Merionethshire (Ceunant Llennyrch) determined as this based on a comparison of its ITS sequence with those of this species deposited in GenBank sensu several European *Inocybe* specialists (E. Janke).

**lacera** var. *helobia* Kuyper

Move to synonymy of *Inocybe helobia* (q.v.).

**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]**

**lacunarum** Vauras & E. Larss., *Karstenia* 54(1): 12 (2015)

**E:** !

**H:** English collection on soil in broadleaved woodland.

A collection (2020) from South Hampshire (Stubbs Wood) determined as this based on a comparison of its ITS sequence (E. Janke) with that obtained from the holotype and documented as FRDBI 18211524.

**lanuginosa** (Bull.) P. Kumm.

Move to 'excluded' list. Ssensu CBIB2005 this is *I. stellatospora* (q.v.), whereas sensu NCL and FN it is *I. ovatocystis* (q.v.).

**[UD5]**

**lanuginosa** var. *ovatocystis* (Boursier & Kühner) Stangl

Move to synonymy of *I. ovatocystis* (q.v.). **[UD5]**

**lavandulochlora** Esteve-Rav. & M. Villarreal, *Riv. Micol.* 44(3): 216 (2001)

**W:** !

**H:** Welsh collection in coastal dune soil under *Pinus* sp.

A collection (2017) in K from Anglesey (Newborough Forest) originally determined as *I. subnudipes* and redetermined as this based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen).

**lindrothii** (P. Karst.) Vauras & E. Larss., in Larsson, Cripps & Vauras, *Karstenia* 54: 25 (2014)

**E:** !

**H:** English collection on soil under *Betula*.

A collection (2020) from Buckinghamshire (Burnham Beeches) determined as this based on a comparison of its ITS sequence (E. Janke *et al.*) with that obtained from the holotype. Further details in Cullington [FM22(3): 98-100 (2021)].

**metrodi** Stangl & J. Veselský, *Česká Mykol.* 33(4): 220 (1979)

**E:** !

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

A collection (2021) in from Hampshire (Winchester) determined as this based on a comparison of its ITS sequence with that of the holotype (E. Janke).

**miranda** Carteret & Reumaux, *Cahiers de la FMBDS* 2: 23 (2013)

**E:** !

**H:** In soil under broadleaved trees.

A collection (2017) in K from Surrey (Kew Gardens) originally determined as *I. geophylla* and redetermined as this based on a comparison of its ITS sequence (generated by K. Liimatainen) with that of a sequenced isotype which was published in Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)].

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

**S:** !

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

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

**moravica** Hruby, *Hedwigia* 70: 279 (1930)

**S:** !

**H:** In montane soil near *Salix herbacea*.

A Scottish collection (2025) from Westernness (Geal-chàrn Alder) determined by comparing its ITS sequence (D. Mitchel) with that of the holotype (99.5%) and confirmed by D. Bandini.

**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]

**mystica** Stangl & Glowinski, *Z. Mykol.* 46(2): 170 (1980)

**E:** !

**H:** English collection in soil.

A collection (2011) from Buckinghamshire (Burnham Beeches) determined by comparing its ITS sequence (E. Janke, P. Cullington) with that of the holotype. Likely to be one of the species previously generally misdetermined in Britain as *I. cryptocystis*, (described from USA).

**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]

**nemorosa** (R. Heim) Grund & D.E. Stuntz, *Mycologia* 60(2): 420 (1968)

**E:** !

**H:** English collection in chalk downland soil with *Helianthemum nummularium*.

A collection (2023) from West Sussex (Waterhall) determined by comparing its ITS sequence (N. Aplin, SFG) with that of this species sensu Bandini *et al.* [*Mycological Progress* 20: 1019-1114 (2021)]. Documented in Allison [*Adastra 2023* (Sussex Biodiversity Record Centre): 5-6 (2024)].

**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]

**nobilis** (R. Heim) Alessio, *Iconogr. mycol., Suppl. III* (Milan): 327 (1980)

*Inocybe fibrosa* var. *nobilis* R. Heim, *Encyclop. Mycol., 1 Le Genre Inocybe (Paris):* 375 (1931)

**E:** !

**H:** English collections on calcareous downland soil with *Helianthemum*.

Collections (2007 onwards) from Oxfordshire (Watlington Hill) and East Sussex (Malling Down) with determinations based on microscopy and ITS data analysis (P. Cullington, E. Larsson, K. Liimatainen & A.M. Ainsworth unpubl.).

**obscuroides** P.D. Orton

Move from synonymy to head the entry formerly headed by *I. cincinnata* var. *major*. This taxon is now raised to specific rank following Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)].

**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]

**occulta** Esteve-Rav., Bandini, B. Oertel & G. Moreno, in Esteve-Raventós, Bandini, Oertel, González, Moreno, Olariaga, *Persoonia* 41: 229 (2018)

**S:** !

**H:** Scottish collections in soil near *Pinus* and *Betula*.

Two morphologically identical collections (2022) from Morayshire (Culbin Sands, Nethy Bridge) determined as this by matching one of their barcode sequences with that derived from the type (Alvalab). Documented in Tortelli *et al.* [FM23(4): 127-133 (2022)].

**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]

**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]

**pararubens** Carteret & Reumaux, *Bull. Soc. mycol. Fr.* 127(1-2): 49 (2012) [2011]

**E:** !

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

A collection (2022) in K from Buckinghamshire (Mousells Wood) determined by comparing its ITS sequence (E. Janke) with that of the holotype.

**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]

**phaeodisca var. geophylloides** Kühner

**E:** !

**H:** On soil with deciduous trees.

**D:** Kuyp 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]

**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*), Kuyp: 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]

**pluppiana** Bandini, B. Oertel & U. Eberh., in Bandini, Oertel, Schüssler & Eberhardt, *Mycol. bavarica* 20: 86 (2020)

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

**H:** British collections with broadleaved trees including *Salix* and *Alnus* in fen or heathland.

Collections (2020, 2010 & 2018) respectively from Anglesey, Buckinghamshire (Stoke Common) and East Norfolk (Sutton Fen), the Bucks collection originally determined as *I. lacera*; all now determined as this based on a comparison of their ITS sequences with that of the holotype (E. Janke, UNITE). English collections in K.

**psammobrunnea** Bon, *Docums Mycol.* 20(no. 78): 63 (1990)  
*Inocybe griseotarda* Poirier, *Docums Mycol.* 31(no. 124): 4 (2002)

**W:** ! **O:** Channel Islands: !

**H:** Jersey collection in sandy soil under *Pinus* sp.

A collection (2018) from Jersey (St Ouen) determined as this based on matching its ITS sequence with that derived from the holotype (UNITE, B. Douglas) and a Welsh collection determined similarly (G. Griffith, D.J. Harries, E. Janke). The listed synonymy follows Bandini *et al.*, [*Mycological Progress* 20(9): 1019-1114 (2021)] whose analyses included sequences derived from the holotypes of both species.

**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]**

**pseudoasterospora** var. **microsperma** Kuyper & Keizer, *Persoonia* 14(4): 441 (1992)

Move to head of *I. pseudoasterospora* entry (see above).

**[UD5]**

**pseudohiulca** Kühner & Boursier

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

**pseudorubens** Carteret & Reumaux, *Boll. Gruppo Micol. 'G. Bresadola'* (Trento) 44(3): 34 (2001)

**E:** !

**H:** English collections in soil with broadleaved trees.

A collection (2019) from East Sussex (Crawley) determined as this based on a comparison of its ITS sequence with that of the holotype (N. Aplin) and a collection (2021) in K from East Kent (Badgin Wood) determined by a similar method (Alvalab, M. Tortelli).

**relicina** (Fr.) Qué.

**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]**

**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]**

**roseascens** Bizio, Bahram, Tedersoo, Orzes & Saitta, in Crous *et al.*, *Persoonia* 41: 373 (2018)

**E:** !

**H:** English collection in chalk downland with *Helianthemum*.

A collection (2017) in K from Oxfordshire (Watlington Hill) originally determined as *I. maculipes* cf. and redetermined as this based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen & A.M. Ainsworth).

**scolopacis** Bandini & B. Oertel, in Bandini, Oertel & Eberhardt, *Mycological Progress* 20(9): 1089 (2021)

**E:** !

**H:** English collection detected in ectomycorrhizal root tip of *Pinus sylvestris*.

An ectomycorrhizal root sample (2012) from West Norfolk (Thetford Forest) yielded an ITS sequence [MF352729, in Suz *et al.*, *Forest ecology and management*, 406: 370-380 (2017)] which matched that derived from the holotype [Bandini *et al.*, *Mycological Progress* 20(9): 1019-1114 (2021)].

**semifulva** Grund & D.E. Stuntz, *Mycologia* 73(4): 659 (1981)

**E:** !

**H:** English collection in soil under *Tilia*.

A collection (2021) from Surrey (Gatwick) determined as this based on a comparison of its ITS sequence with that of the holotype (N. Aplin).

**sindonia** (Fr.) P. Karst.

Move *Agaricus clarkii* and *Inocybe clarkii* from synonymy of *I. geophylla* var. *geophylla* to the synonymy of *I. sindonia* based on morphological evidence following following Bandini *et al.*, *Mycological Progress* 20(9): 1019-1114 (2021)].

**soluta** Velen.

Move *I. brevispora* (q.v.) from synonymy to that of *I. subcarpta*. Move *I. striatorimosa* from heading a species entry to the synonymy of *I. soluta* following Bandini *et al.* [*Integrative Systematics* DOI: 10.18476/2022.901982 (2022)].

**splendens** var. **phaeoleuca** (Kühner) Kuyper

Move to synonymy of *I. phaeoleuca* (q.v.). **[UD5]**

**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]**

**striatorimosa** P.D. Orton

Move to the synonymy of *I. soluta* (q.v.).

**strickeriana** Bandini, Anja Schneid. & M. Scholler, in Bandini, Oertel, Ploch, Ali, Vauras, Schneider, Scholler, Eberhardt & Thines, *Mycol. Progr.* 18(1-2): 282 (2018) [2019]

**E:** !

**H:** English collection in soil.

A collection (2021) in K from Buckinghamshire (Rushbeds Wood) determined as this based on a comparison of its ITS sequence with that of the holotype (E. Janke).

**syringae** Bandini, B. Oertel & U. Eberh., *Mycol. bavarica* 22: 113 (2022)

**E:** !

**H:** English collection from root tip of *Quercus robur*.

An ITS barcode sequence generated from a root tip collected in 2021 from Oxfordshire (Blenheim Estate) was analysed and found to match (99.5% similarity) that derived from the holotype of *I. syringae* (L.M. Suz). A member of the *I. lilacina* complex.

**tarda** Kühner, *Bull. Soc. Nat. Oyonnax* 9(Suppl., Mém. Hors sér. 1): 6 (1955)

**E:** !

**H:** In soil near *Pinus sylvestris*.

An English collection (2024) in K from East Norfolk (Holt) determined by comparing its ITS sequence (Norfolk Fungus Study Group) with that of the epitype (99.7%).

**tigrina** R. Heim, *Encyclop. Mycol.*, 1 Le Genre *Inocybe* (Paris): 230 (1931)

*Inocybe tigrinella* Carteret & Reumaux, *Bull. Soc. mycol. Fr.* 127(1-2): 50 (2012) [2011]

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

**H:** British collections on calcareous soil under *Helianthemum*, on coastal dune soil under *Pinus* or on soil under *Picea*.

Move from 'excluded' list. A collection (2011) in K from Merionethshire (Morfa Harlech) was originally determined as *I. subnudipes* and documented as this in Cullington [FM14(1): 17-20 (2013)] but this species is not accepted as British. The collection has been redetermined as *I. tigrina* based on a comparison of its ITS sequence (generated by K. Liimatainen) with that of the epitype which was published in Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)]. A collection (2015) in K from Oxfordshire (Watlington Hill) was originally determined as *I. tigrinella* (based on DNA barcode data) but this species is now assigned here following the synonymy of Bandini *et al.* (2021) based on the placement of a sequence from an isotype. Other DNA-verified collections are from Buckinghamshire.

**tiliae** Franchi, M. Marchetti & Papetti, in Franchi Marchetti & Papetti, *Riv. Micol.* 59(2): 102 (2016)

**E:** !

**H:** In soil under *Salix*.

An English collection (2024) from North Hampshire (Leckford) determined by comparing its ITS sequence (E. Janke) with that of the holotype (99.8%).

**turfae** Bandini, B. Oertel & U. Eberh., in Bandini, Brandrud, Dima, Dondl, Fachada, Hussong, Mifsud, Oertel, Rodríguez Campo, Thüs, Vauras, Weholt & Eberhardt, *Integrative Systematics*, Stuttgart Contributions to Natural History 5(2): 60 (2022)

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

**H:** In soil, Welsh collection under *Quercus*.

Two collections (2023) from Merionethshire (Morfa Harlech) and South Hampshire (New Forest) determined by comparing (>99% similarity) their ITS sequences (E. Janke) with that of the holotype.

**tyrii** Bandini, B. Oertel & U. Eberh., *Mycol. bavarica* 22: 120 (2022)

**E:** !

**H:** In soil under broadleaved trees.

Collections (2022 & 2002) from Buckinghamshire (Turville Heath) and North Hampshire (Micheldever) determined by comparing their ITS sequences (E. Janke & P. Cullington and K. Liimatainen & A.M. Ainsworth respectively) with that of the holotype. A member of the *I. lilacina* complex.

**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 English collections (2008) 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. The above text appeared in UD5 in 2011 but, unfortunately, the corresponding changes were not made within the online database. This species is now moved to *Pseudosperma* as is *I. rimosa*.

**virgatula** Kühner

**W:** !

**H:** Welsh collection in roadside soil under *Fagus sylvatica*. Remove from the synonymy of *I. fuscidula* and recognise as a distinct species following Bandini *et al.* [*Mycological Progress* 20(9): 1019-1114 (2021)]. A collection (2019) from Anglesey (Pentraeth Forest) received as *I. griseovelata* (cf.) and redetermined as this based on a comparison of its ITS sequence with that derived from the lectotype (A.Yu. Biketova, A.M. Ainsworth).

**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]

**INOSPERMA** (Kühner) Matheny & Esteve-Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*: 10.1080/00275514.2019.1668906, 12 (2019)

Type: *Inosperma calamistratum* (Fr.) Matheny & Esteve-Rav.

**kuthanii** (Stangl & J. Veselský) Matheny & Esteve-Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*: 10.1080/00275514.2019.1668906, 21 (2019)

New heading for the entry formerly headed by *Inocybe cookei* var. *kuthanii* which now becomes a synonym following Cullington [FM21(3): 102-107 (2020)].

**monastichum** Bandini & B. Oertel, in Bandini, Oertel & Eberhardt, *Mycol. bavarica* 21: 45 (2021)

**E:** !

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

A collection (2019) in K from Oxfordshire (Lambridge Wood) was determined as this based on a comparison of its ITS sequence (E. Janke) with that derived from the holotype.

**pisciodorum** (Donadini & Rioussel) Matheny & Esteve-Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 22 (2019)

New heading for the entry formerly headed by *Inocybe bongardii* var. *pisciodora* which now becomes a synonym following Cullington [FM21(3): 102-107 (2020)].

**quietiodor** (Bon) Matheny & Esteve-Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 22 (2019)

**E:** !

**H:** On soil in woodland.

Included as British following Cullington [FM21(3): 102-107 (2020)].

**vinaceum** Cervini, M. Carbone & Bizio, *Riv. Micol.* 63(3): 222 (2021)

**E:** !

**H:** In soil.

A collection (2013) in K from West Gloucestershire (Forest of Dean), originally determined as *Inocybe adaequata* then as *I. rhodiola* aff., redetermined by comparing its ITS sequence (K. Liimatainen & A.M. Ainsworth) with that of the holotype and several paratypes.

**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]

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

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

**abdita** Riebesehl & Langer, *Mycol. Progr.* 16(6): 647 (2017)

New name to head the entry previously headed by *Hyphodontia latitans* which becomes a synonym following Viner *et al.* [*Persoonia* 53: 1-28 (2024)].

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

Name changed from *Hyphodontia abieticola*.

**alutacea** (Fr.) Jülich & Stalpers

Name changed from *Hyphodontia alutacea*.

**alutacea** (Fr.) Jülich & Stalpers

Move *Hydnum melleum* from synonymy of this species to the synonymy of *Dacryobolus sudans* following Viner *et al.*'s comments [*Persoonia* 53: 1-28 (2024)] based on the unpublished notes of K. Hjortstam, in which he assigned the type of *H. melleum* to *D. sudans*.

**barba-jovis** (Bull.) P. Karst.

Name changed from *Hyphodontia barba-jovis*.

**frondosarum** Viner, Spirin & Miettinen, in Viner, Larsson, Spirin, Langer & Miettinen, *Persoonia* 53: 20 (2024)

**E:** !

**H:** On fallen wood of *Quercus*.  
A collection (2024) in K from West Gloucestershire (Cannop Ponds) determined on morphological characters (A.R. Simpson).

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

**KWONIELLA** Statzell & Fell, in Statzell-Tallman, Belloch & Fell, *FEMS Yeast Res.* 8(1): 107 (2008)  
Type: *Kwoniella mangrovensis* Statzell, Belloch & Fell

**shivajii** (R. Sreen. Rao, S.A. James, C.J. Bond, I.N. Roberts, K. Cross, Retter & P.J. Hobbs) Xin Zhan Liu, F.Y. Bai, M. Groenew. & Boekhout, in Liu, Wang, Göker, Groenewald, Kachalkin, Lumbsch, Millanes, Wedin, Yurkov, Boekhout & Bai, *Stud. Mycol.* 81: 137 (2015)

*Cryptococcus shivajii* R. Sreen. Rao, S.A. James, C.J. Bond, I.N. Roberts, K. Cross, Retter & P.J. Hobbs, *Curr. Microbiol.* 60(1): 14 (2010)

**E:** !

**H:** Cultured from the contents of a biogas reactor.  
New record. The holotype was isolated (2006) from a biogas reactor sample in North Devon (Okehampton).

**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*  $\beta$  *incana* (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 615 (1821)  
Add *Omphalia amethystea*  $\beta$  *incana* to synonymy. Sensu Gray, this pale form probably refers to *L. amethystina*. **[UD4]**

**Laccaria macrocystidiata** (Migl. & Lavorato) Pázmány, Z. *Mykol.* 60(1): 8 (1994)

**E:** !

**H:** English collection on coastal soil.  
An English collection at K (2019) from East Sussex (Cliff End) which was determined based on its morphology.

**Laccaria nobilis** A.H. Sm., in Mueller, *Mycotaxon* 20(1): 105 (1984)

**S:** !

**H:** In montane soil.  
A Scottish collection (2025) from Westernness (Geal-chàrn Alder) determined on morphological characters and by comparing its ITS sequence (D. Mitchel) with that of the holotype (99.2%).

**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 flexuosus var. roseozonatus** H. Post  
*Lactarius roseozonatus* (H. Post) Britzelm.

Move to synonymy of *L. flexuosus* following Species Fungorum.

**Lactarius lignyotus** Fr.

**S:** !

**H:** Scottish collection in soil with grass and moss near *Pinus*.  
Move from 'excluded' list. A collection (2020) in K from Angus (Middleton) was determined as this based on morphology and a comparison of its ITS sequence (Alvalab) with that of Scandinavian reference collections (identical).

**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]**

**Laetisaria endoxylon** (Duhem & H. Michel) Ghob.-Nejhd., in Ghobad-Nejhd, Langer, Nakasone, Diederich, Nilsson, Rajchenberg & Ginns, *Frontiers Microbiol.* 12(no. 704802): 16 (2021)

**E:** !

**H:** English collections on decorticated parts of worked and non-worked wood of several genera including *Castanea*.  
Collections (2025) from Surrey (Kew Gardens) determined on morphological characters and by comparing ITS sequences (M. Ghobad-Nejhd & B. Blades) with that of the holotype.

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

**E:** !

**H:** English collections on thalli of *Physcia* spp. on twigs subjected to elevated levels of nitrogen deposition.  
**D+I:** <http://fungi.myspecies.info/all-fungi/laetisaria-lichenicola>  
New record. Collections reported from Bedfordshire, Dorset, South Essex and Surrey.

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

Type: *Lagarobasidium pruinosum* (Bres.) Jülich

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

**LAMELLOCLAVARIA** Birkebak & Adamčík, in Birkebak, Adamčík, Looney & Matheny, *Mycologia* 108(5): 862 (2016)

Type: *Lamelloclavaria petersenii* Adamčík & Birkebak, in Birkebak, Adamčík, Looney & Matheny, *Mycologia* 108(5): 862 (2016)

**petersenii** Adamčík & Birkebak, in Birkebak, Adamčík, Looney & Matheny, *Mycologia* 108(5): 862 (2016)

**E:** !

**H:** In grassland.  
A collection (2023) from North Devon (Exmoor) determined on morphological characters by S. Harding.

**LECCINELLUM** Bresinsky & Manfr. Binder, in Bresinsky & Besl, *Regensb. Mykol. Schr.* 11: 231 (2003)

Type: *Leccinellum nigrescens* (Singer) Bresinsky & Manfr. Binder

The following species are now moved from *Leccinum*.

**crocipodium** (Letell.) Della Magg. & Trassin., *Index Fungorum* 171: 1 (2014)

**pseudoscabrum** (Kallenb.) Mikšik, *Index Fungorum* 338: 1 (2017)

## 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]

**alboostipitatum** den Bakker & Noordel.

Move to synonymy of new entry to be headed by *L. rufum* (q.v.) following EurBol1.

**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]

## aurantiacum

Move *Boletus rufus* Schaeff. (non *B. rufus* Schrad.) from synonymy to synonymy of *L. rufum* (q.v.).

**holopus** (Rostk.) Watling

Mis.: *Leccinum aerugineum* 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]

**rufum** (Schaeff.) Kreisel, *Boletus*, *SchrReihe* 1: 30 (1984)

*Boletus rufus* Schaeff. (non *B. rufus* Schrad.)

*Leccinum alboostipitatum* den Bakker & Noordel.

New heading for entry formerly headed by *L. alboostipitatum* which is moved to synonymy. Basionym moved from synonymy of *L. aurantiacum*. Taxonomic placement of this poplar-associated, relatively persistently pale-stiped species, previously assigned to *L. aurantiacum* and then to *L. alboostipitatum* in Britain, is now aligned with EurBol1.

**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 percandidus* Vassilkov, *Sovetsk. Bot.* 2: 27 (1944)  
*Leccinum percandidum* (Vassilkov) Watling, *Trans. Brit. Mycol. Soc.* 43: 691 (1960)  
*Boletus versipellis* var. *percandidus* (Vassilkov) Vassilkov, *Edible and poisonous fungi cent. Eur. dist. U.S.S.R.:* 37 (1948)  
*Krombholzia aurantiaca* f. *percandida* (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. percandidum* (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]

**LENZITES** Fr.

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

**betulinus** (L.) Fr.

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

**LEPIOTA** (Pers.) Gray

Remove the genus *Echinoderma* (q.v.) from synonymy. For species' name changes see under *Echinoderma*. [UD5]

**coloratipes** Vizzini, J.F. Liang, Jančovič. & Zhu L. Yang, in Vizzini, Liang, Jančovičová, Adamčík, Ercole, Contu, Yang & Vellinga, *Mycol. Progr.* 13(1): 174 (2013) [2014]

**E:** !

**H:** English collection in parkland soil near *Tilia*.

A collection (2019) from Oxfordshire (Henley-on-Thames) originally determined as *Lepiota rufipes* and redetermined as this based on a comparison of its ITS sequence with that of the holotype (A.Yu. Biketova, A.M. Ainsworth). The protologue describes this species as *Lepiota rufipes* ss. auct. europ. non ss. orig. The N. American *L. rufipes* was in the excluded list in the printed CBIB of 2005 but, fide Vellinga in Vizzini *et al.* (2013), this name is based on a weathered type specimen and is now considered to represent a synonym of *Cystolepiota seminuda*. Documented in Fortey [FM23(3): 99-100 (2022)].

**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 densifolia** (J. Favre) Singer & Cléménçon, *Nova Hedwigia* 23(2-3): 308 (1973) [1972]

**S:** !

**H:** Scottish collection on soil in heathland.

A collection (2021) from Easternness (Uath Lochan) determined as this based on morphological characters and documented in Henrici [FM23(1): 35 (2022)].

**Lepista flaccida** (Sowerby) Pat.

Name changed to *Paralepista flaccida* (q.v.).

**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]

**Leptonia majuscula** (Kühner & Romagn.) P.D. Orton

In the printed CBIB (2005), this was listed as a synonym of *Entoloma longistriatum* (q.v.), a species now moved to the 'excluded' list following Brandrud *et al.* [*Agarica* 43: 85-137 (2023)] who noted that, since this was originally described from the USA and lacks a sequenced type, it should be excluded from European lists until DNA-based evidence to the contrary is forthcoming. They suggested that European collections of "*E. longistriatum*" are likely to belong either to *E. sarcitulum* (q.v.) or to the very closely related *Leptonia majuscula*, for which they use the currently provisional name "*E. majusculum* (Kühner & Romagn.) Noordel., O.V. Morozova, Brandrud & Dima in print s.l."). British and Irish collections of "*E. longistriatum*" should be referred to be this species (and transferred to *Entoloma* when the combination is validly published) pending molecular re-investigation.

**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 Gefeiliau) 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]

**Leptosporomyces fusoides** (Jülich) Krieglst.

Move to synonymy of *Athelopsis fusioidea*.

**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) Qué. [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. Imai

Note 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: 106-107

New 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]

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

**E: !**

**H:** English collection on soil in grass.

New record. A collection (2015) at K from South Somerset (Selworthy Churchyard).

**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*  $\beta$  *cretaceus* (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 633 (1821)

Add *Coprinus cepistipes*  $\beta$  *cretaceus* to synonymy. [UD4]

**Leucocoprinus griseofloccosus** Lagardère & Eyssart., *Bull. Soc. mycol. Fr.* 132(1-2): 106 (2018)

**E: !**

**H:** English collections on rotten wood of *Abies alba*, *Pseudotsuga menziesii* and probably also on *Pinus*.

Collections (2019 & 2020) from South Hampshire (New Forest) determined as this based on a comparison of their ITS sequences (E. Janke) with that obtained from the holotype and documented in Henrici & Rogerson [FM21(4): 143 (2020)].

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

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

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

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

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

**houghtonii** (W. Phillips) Halama & Pencakowski, in Das *et al.*, *Cryptog. Mycol.* 38(3): 369 (2017)

Name changed from *Clitocybe houghtonii* following the molecular study of Das *et al.* [*Cryptog. Mycol.* 38(3): 353-406

(2017)] which included a sequenced specimen in K from Surrey (West Molesey).

### LEUCOGYROPHANA Pouzar

A 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 giganteus** (Sowerby) Kühner & Maire  
Name changed to *Aspropaxillus giganteus* (q.v.).

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

**Leucopaxillus tricolor** (Peck) Kühner, *Le Botaniste* 17: 135 (1926)  
*Tricholoma tricolor* Peck, *Rep. (Annual) New York State Mus. Nat. Hist.* 41: 60 (1888)  
*Leucopaxillus pseudoacervus* (Costantin & L.M. Dufour) Boursier, *Bull. Soc. Mycol. France* 41: 392 (1925)  
*Tricholoma pseudoacervum* 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+I:** 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: 207  
New 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]

**Lichenomphalia umbellifera** (L.) Redhead, Lutzoni, Moncalvo & Vilgalys  
*Arrhenia oniscus* (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys  
*Arrhenia sphagnicola* (Berk.) Redhead, Lutzoni, Moncalvo & Vilgalys

Add the above two species (and their obligate synonyms) to its synonymy following Voitk *et al.* [*Mycol. Progr.* 21: 57 (2022)].

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

**E:** !

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

**D+I:** FM 16(1): 26-27 (2015)  
New record. A collection (2014) at K from Surrey (Kew Gardens Pinetum).

**Lindtneria hydnoidea** 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]

### LYCOPERDON L.

*Bovistella* Morgan  
*Handkea* Kreisel  
*Vascellum* F. Šmarda

Following 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 include the resulting

name changes (including a name change for one species previously listed in *Bovista*).

**dermoxanthum** Vittad.

*Bovista dermoxantha* (Vittad.) De Toni [UD3]

**dermoxanthum** Vittad.

Truncate **Notes** to "Numerous records but few collections.

Apparently widespread and often recorded as *Bovista pusilla*."

**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]

**pyriforme** Schaeff.

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

**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]

### LYOPHYLLUM P. Karst.

The following changes include those required in accordance with molecular data in Hofstetter *et al.* [*Cryptog. Mycol.* 35(4): 399-425 (2015)]

**ambustum** (Fr.) Singer

Mis.: *Tephroclybe impexa* sensu Orton

Move from synonymy of *Tephroclybe ambusta* to head the entry.

Move *T. gibberosa*, *Lyophyllum gibberosum* and *Collybia gibberosa* from the synonymy of this to the synonymy of *Sagaranelia gibberosa* (q.v.) and delete second sentence of

**Notes.**

**anthracophilum** (Lasch) M. Lange & Sivertsen, *Beitr. Kennntn. Pilze Mitteleur.* 3: 120 (1987)

Move the entry currently headed by *Tephroclybe anthracophila* to the synonymy of this.

**atratum** (Fr.) Singer

Move from synonymy of *Tephroclybe atrata* to head the entry.

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

**E:** !

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

**connatum** (Schumach.) Singer

Name changed to *Leucoclybe connata* (q.v.).

**favrei** (R. Haller Aar. & R. Haller Suhr) R. Haller Aar. & R. Haller Suhr

Name changed to *Calocybe favrei* (q.v.). [UD5]

**gangraenosum** (Fr.) Gulden

Name changed to *Calocybe gangraenosa* (q.v.).

**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 fuliginosa** (Barla) Bon

This taxon was epitypified in Vizzini *et al.* [*Mycotaxon* 117: 149-164 (2011)] where it was also reduced in rank and recognised as *M. procera* forma *fuliginosa*. However, this is not the taxon formerly treated under this name in CBIB which is *M. fuliginosa* sensu Vellinga FAN5 and which, following Vizzini *et al.* (2011), should now be recognised as *M. rhodosperma* (q.v.).

**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]

**Macrolepiota rhodosperma** (P.D. Orton) Migl.

Move from synonymy of *M. fuliginosa* to head the entry. *M. fuliginosa* (Barla) Bon should not be recognised as a synonym but should be replaced by "Mis.: *M. fuliginosa* sensu Vellinga FAN5". *Lepiota procera* var. *fuliginosa*, a Mediterranean taxon fide. Vizzini *et al.* [*Mycotaxon* 117: 149-164 (2011)], should be removed from synonymy. Delete second sentence of **Notes** and add: "Reinstated as a distinct species following the molecular analyses in Vizzini *et al.* [*Mycotaxon* 117: 149-164 (2011)] which included a barcode sequence derived from the holotype preserved in E and collected in 1969 from Dorset (Bewley Down)."

**MALLOCYBE** (Kuyper) Matheny, Vizzini & Esteve-

Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 12 (2019)

Type: *Mallocybe terrigena* (Fr.) Matheny, Vizzini & Esteve-Rav.

**batrachiorum** Aron, Bandini & B. Oertel, *Field Mycology* 25(3): 92 (2024)

**W:** !

**H:** At the type locality in wet acidic soil of carr woodland near various woody plants including *Alnus glutinosa*, *Betula pubescens*, *Picea sitchensis*, *Salix caprea* and *Salix repens* within a spruce plantation.

Described with Welsh holotype and paratype collections (2016-2021) in K from Anglesey (Mynydd Bodafon).

**fibrillosa** (Peck) Matheny & Esteve-Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 24 (2019)

**S:** !

**H:** In soil in damp mixed woodland with *Pinus* and *Betula*.

A collection (2021) in K from Morayshire (Beachen Wood) determined as this based on an ITS-based analysis carried out by E. Larsson.

**granulosa** (Jacobsson & E. Larss.) Matheny & Esteve-Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 24 (2019)

**W:** !

**H:** In coastal dune slack soil near *Salix repens*.

A collection (2009) in K from Anglesey (Aberffraw), originally filed as *Inocybe agardhii* aff., and recently determined based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen). Documented from Anglesey (Newborough Warren) with photograph in Cullington [FM21(3): 107 (2020)].

**malenconii** (R. Heim) Matheny & Esteve-Rav., in Matheny, Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 25 (2019)

*Inocybe malenconii* R. Heim

**E:** !

**H:** One English collection in soil near *Fagus sylvatica*.

Delete **Notes** and move from 'excluded' list (as *I. malenconii*).

Two collections (2008, 2021) in K from Buckinghamshire (Hollowhill Woods and Marlow Common) determined following analysis of their ITS sequences (E. Janke, P. Cullington, B. Douglas) and confirmed by F. Esteve-Raventós.

**siciliana** (Brugaletta, Consiglio & M. Marchetti) Brugaletta, Consiglio & M. Marchetti, *Index Fungorum* 448: 1 (2020)

**E:** !

**H:** In soil in wet places, including carr woodland and pond margins, with *Alnus* and/or *Salix*.

Collections (2021 and 2016) respectively from North Hampshire (Sherborne St. John) and in K from Oxfordshire (Shiplake College) determined as this based on a comparison of their ITS sequences with that of the holotype (B. Douglas, E. Janke, UNITE).

**MARASMIELLOMYCENA** De la Peña-Lastra, Mateos, Kolařík, Ševčíková & Antonín, in Senanayake *et al.*, *Fungal Diversity* 122: 361 (2023)

Type: *Marasmiellomycena pseudoomphaliiformis* Antonín & Ševčíková, in Senanayake *et al.*, *Fungal Diversity* 122: 361 (2023)

**omphaliiformis** (Kühner) Mateos, Kolarik, De la Peña-Lastra, Sevcikova & Antonin, in Senanayake *et al.*, *Fungal Diversity* 122: 363 (2023)

New name for the collection previously reported as *Marasmiellus omphaliiformis* found on mossy trunk of living *Populus* in valley bottom in 2020 in West Cornwall (Trelowarren Estate) documented in Penna [FM22(1): 23-24 (2021)].

**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]

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

**E:** !

**H:** English collection on decaying *Picea* log.

New record. A collection (2016) at K from South Hampshire (New Forest).

**Marasmiellus omphaliiformis** (Kühner) Noordel., *Persoonia* 12(1): 35 (1983)

**E:** !

**H:** On mossy trunk of living *Populus* in valley bottom.

A collection (?2020) from West Cornwall (Trelowarren Estate) documented in Penna [FM22(1): 23-24 (2021)].

**But see *Marasmiellomycena omphaliiformis* (above).**

**Marasmiellus villosipes** (Cleland) J.S. Oliveira, in Oliveira, Vargas-Isla, Cabral, Rodrigues & Ishikawa, *Mycol. Progr.* 18(5): 736 (2019)

**E:** !

**H:** English collections on soil near *Pinus* sp. or in open heathland.

Three collections (2019 & 2020) from Bedfordshire (Sandy), in K from Buckinghamshire (Stoke Poges) and the Isle of Wight (Osborne House) determined as this based on their morphology and on a comparison of their ITS sequences (E. Janke, B. Douglas) with those derived from specimens originating in the USA and New Zealand and assigned to *Gymnopus villosipes* sensu Petersen & Hughes [*North American Fungi* 9(3): 1-22 (2014)].

## 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*, *Mycetinus* 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]

### corbariensis (Roum.) Sacc.

Name changed to *Cryptomarasmius corbariensis* (q.v.).

### tenuiparietalis Singer

Delete as a separate entry and move to synonymy of *M. epiphyllus*. [UD5]

### Marchandiomyces quercinus (J. Erikss. & Ryvarde) D.

Hawksw. & A. Henrici, *Field Mycology* 16(1): 17 (2015)  
Name changed from *Corticium quercicola*.

### Melanoleuca albifolia Boekhout

*Melanoleuca leucophylla* Métrod nom. inval.

Move to the synonymy of *M. bataillei* (q.v.) following Antonín *et al.* [*Mycologia* (2021)]

<https://doi.org/10.1080/00275514.2021.1966246>.

### Melanoleuca atripes Boekhout

Move to the synonymy of *M. bataillei* (q.v.) following Antonín *et al.* [*Mycologia* (2021)]

<https://doi.org/10.1080/00275514.2021.1966246>.

### Melanoleuca bataillei Malençon, Champignon Supérieurs du Maroc 33: 72 (1975)

*Melanoleuca albifolia* Boekhout

*Melanoleuca leucophylla* Métrod nom. inval.

*Melanoleuca atripes* Boekhout

*Melanoleuca cinereifolia* var. *cinereifolia* (Bon) Bon

*Melanoleuca nivea* Boekhout

**E: ! W: !**

**H:** In soil, leaf litter and woodchip mulch in a wide variety of habitats including coniferous and broadleaved woodland, coastal dunes, heathland, fen carr, parkland and grassland.

Two collections (2009) and part of a mixed collection (2001) in K from North Somerset (Weston-super-Mare in 2009) and Surrey (Kew Gardens in 2001), all originally determined as *M. turrita*, redetermined as *M. bataillei* based on the molecular and morphological analysis in Antonín *et al.* [*Mycologia* (2021)] <https://doi.org/10.1080/00275514.2021.1966246>. Move *M. albifolia*, *M. atripes* and *M. nivea*, all of which currently head separate entries, and add them to the synonymy following Antonín *et al.* (2021).

### Melanoleuca brevipes (Bull.) Pat.

Move to 'excluded' list as this is now considered to be a *nomen dubium* in Antonín *et al.* [*Mycol. Progress* 14: 107. (2015)].

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

**E: !**

**H:** English collection on soil with compost.

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

### Melanoleuca cinereifolia (Bon) Bon

Note that *M. cinereifolia* var. *cinereifolia*, with an *Ammophila*-associated holotype, is moved to the synonymy of *M. bataillei* (q.v.) following Antonín *et al.* [*Mycologia* (2021)] <https://doi.org/10.1080/00275514.2021.1966246>. However, the *Ammophila*-associated variety *M. cinereifolia* var. *maritima*

is now raised to specific rank and renamed *M. ammophila*. British and Irish collections currently filed as *M. cinereifolia* require a DNA-based study to verify their identification and to investigate whether *M. ammophila* should be added to CBIB.

### Melanoleuca fontenlae Para, Antonín, Ďuriška, Ševčíková & Tomšovský, in Antonín, Ševčíková, Para, Ďuriška, Kudláček & Tomšovský, J. Fungi 7(3, no. 191): 10 (2021)

**NI: !**

**H:** In sandy soil in coastal dunes.

A collection (2023) from Co. Londonderry (Portstewart Dunes) determined by comparing (identical) its ITS sequence (D. Mitchel) with that of the holotype.

### Melanoleuca grammopodia (Bull.) Murrill

Add *M. polito-inaequalipes* (q.v.) to synonymy.

### Melanoleuca grammopodia f. macrocarpa Boekhout

Formerly included in the synonymy of *M. grammopodia* but now regarded as a synonym of *M. humilis* (q.v.) following the comparison of sequences derived from types published in Antonín *et al.* [*Mycol. Progress* 14: 107. (2015)].

### Melanoleuca humilis (Pers.) Pat.

*Melanoleuca grammopodia* f. *macrocarpa* Boekhout

**E: !**

**H:** On soil in grassy area.

Move from 'excluded' list. Replace **Notes** with: Formerly regarded as a *nomen dubium* lacking type material, but now with a sequenced epitype to fix the application of the name as documented in Antonín *et al.* [*Mycol. Progress* 14: 107. (2015)]. Distribution unknown but vouchered in K by a collection (2003) from Surrey (Kew Gardens) determined on morphological characters (A. Henrici).

### Melanoleuca langei (Boekhout) Bon

Move this and its associated synonyms/misapplications to the synonymy of *M. phaeopodia* (q.v.) following Antonín *et al.* [*Mycologia* (2021)]

<https://doi.org/10.1080/00275514.2021.1966246>.

### Melanoleuca luteolosperma (Britzelm.) Singer

Move from 'excluded' list to head the entry formerly headed by *M. pseudoluscina* (which becomes a synonym) following the taxonomy in Antonín *et al.* [*J. Fungi* 7: 191. (2021)].

### Melanoleuca nivea Boekhout

Move to the synonymy of *M. bataillei* (q.v.) following Antonín *et al.* [*Mycologia* (2021)]

<https://doi.org/10.1080/00275514.2021.1966246>.

### Melanoleuca phaeopodia (Bull.) Murrill, N. Amer. Fl. (New York) 10(1): 20 (1914)

*Melanoleuca friesii* (Bres.) Bon, *Docums Mycol.* 9(no. 33): 67 (1978)

*Melanoleuca langei* (Boekhout) Bon

*Melanoleuca subpulverulenta* (Pers.) Singer

**E: ! W: !**

**H:** In soil, leaf litter and woodchip mulch in a wide variety of habitats including coniferous and broadleaved woodland, coastal dunes and grassland.

A collection (2003) in K from Surrey (East Sheen Common), originally determined as *M. turrita*, redetermined as *M. friesii* based on a comparison of its ITS sequence with that of the epitype in Antonín *et al.* [*Mycologia* (2021)] <https://doi.org/10.1080/00275514.2021.1966246>. However, these authors include an older and sanctioned Builliard name, *M. phaeopodia* (currently an excluded name in CBIB), in the synonymy of *M. friesii* and give details of a lectotype and sequenced epitype. Hence this name has priority and is adopted here. Move *M. subpulverulenta* from 'excluded' list and *M. langei*, which currently heads an entry, and add both to the synonymy following Antonín *et al.* (2021).

### Melanoleuca polito-inaequalipes Béguet ex M. Traverso & Zotti

Move to the synonymy of *M. grammopodia* following the comparison of sequences derived from types published in Antonín *et al.* [*Mycol. Progress* 14: 107. (2015)].

**Melanoleuca porphyropoda** X.D. Yu, in Yu, Lu, Ma, Li, Lin & Zhang, *Mycoscience* 55: 458 (2014)

**E:** !

**H:** In soil in woodland.

Described with a Chinese holotype and having a protologue that includes three English paratypes based on material (1997-2003) in K redetermined by Yu *et al.* [*Mycoscience* 55: 456-461 (2014)] based on morphological characters. The paratypes were from Buckinghamshire (Burnham Beeches), originally determined as *M. verrucipes*; Surrey (Horsell Common) originally determined as *M. melaleuca* sensu Bon; and Westmorland (Witherslack), originally determined as *M. excisssa* sensu Breitenbach & Kränzlin.

**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]**

**Melanoleuca pseudoluscina** Bon

Move to synonymy of *M. luteolasperma* (q.v.).

**Melzericium udicola** (Bourdot) Hauerslev, *Friesia* 10(4-5): 316 (1975) [1974]

**E:** !

**H:** English collection on dead fallen stem of *Rubus idaeus* in boggy area by river.

A collection (2022) in K from Mid-west Yorkshire (Washburn Valley) determined as this based on morphological characters (A.R. Simpson).

**MEMBRANOMYCES** Jülich, *Persoonia* 8: 296 (1975)

**Cantharellales, Clavulinaceae**

Type: *Membranomyces spurius* (Bourdot) Jülich

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

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

**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 & Ryvarde, *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]**

**MERIPILUS** P. Karst.

*Physisporinus* P. Karst.

Recent DNA analysis [Westphalen *et al.*, *Mycologia* 117(4): 701-724 (2025)] resulted in the recombination of *Physisporinus vitreus* (the generic type) in *Meripilus* and so *Physisporinus* is now listed as a synonym and the following name changes are required.

**sanguioletus** (Alb. & Schwein.) Rajchenb. & Westph., in Westphalen, Motato-Vásquez, Gugliotta, Silveira & Rajchenberg, *Mycologia* 117(4): 718 (2025)

Name changed from *Physisporinus sanguinolentus*.

**vitreosanguineus** (Y.C. Dai, Chao G. Wang & Vlasák) Westph. & Rajchenb., in Westphalen, Motato-Vásquez, Gugliotta, Silveira & Rajchenberg, *Mycologia* 117(4): 719 (2025)

*Physisporinus vitreosanguinolentus* Y.C. Dai, Chao G. Wang & Vlasák, in Wang, Dai, Kout, Gates, Liu, Yuan & Vlasák, *Mycosphere* 15(1): 1492 (2024)

**E:** !

**H:** On dead wood of *Alnus glutinosa* and *Crataegus* in lakeside woodland.

An English collection (2019) from Nottinghamshire (Clumber Park) in K determined by comparing its ITS sequence (R.H. Woods & A.M. Ainsworth) with that of the holotype (99.8%). Collections historically assigned to *Physisporinus sanguinolentus* but showing a relatively weak and/or delayed reddish/orange bruising reaction should be re-examined/sequenced.

**vitreus** (Pers.) Rajchenb. & Westph., in Westphalen, Motato-Vásquez, Gugliotta, Silveira & Rajchenberg, *Mycologia* 117(4): 719 (2025)

Name changed from *Physisporinus vitreus*.

**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

**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]**

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

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

**mucida** (Schrad.) Pat. *Hyménomyc. Eur.* (Paris): 96 (1887)

Name changed from *Oudemansiella mucida*.

**Mucronella flava** Corner, *Ann. Bot.*, Lond., n.s. 17: 356 (1953)

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

**H:** English and Welsh collections on dead wood of conifers. Collections (1997 onwards) formerly regarded as a yellow form of *M. calva*. Although residual doubts remain regarding the inclusion of this species, due to a lack of sequenced white and yellow *Mucronella* collections from the CBIB area, it is accepted as a distinct species following the treatment in F&M1.

**Multiclavula corynoides** (Peck) R.H. Petersen, *Am. Midl. Nat.* 77: 215 (1967)

**S:** !

**H:** Scottish collection on mossy trackside soil in association with its algal symbiont.

New record. A collection at E and K (2019) from Easter Ross (Garbat Forest) determined on morphological characters.

**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]**

**MUSCINUPTA** Redhead, Lücking & Lawrey,

*Mycol. Res.* 113(10): 1167 (2009)

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

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

Name changed from *Cyphellostereum laeve*.

**Mycena adonis var. coccinea** (Sowerby) Kühner

Move to synonymy of *Mycena coccinea* (q.v.).

**Mycena amicta** (Fr.) Quél.

*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 cecidiophila** A.P. Berg, Berg-Block, Noordel. & Uljé

Move to synonymy of *M. rhenana* based on studies reported in Henrici *et al.* [FM17(4): 111–113 (2016)].

**Mycena cicognanii** Robich, *Riv. Micol.* 46(3): 213 (2003)

**E:** !

**H:** English collection on mossy branch of living *Juniperus communis*, near ground level.

A collection at K (2017) from West Sussex (Newtimber Hill) determined as this by matching its barcode sequence with that of the holotype (A.M. Ainsworth & K. Liimatainen unpubl.).

**Mycena coccinea** (Sowerby) Quél.

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

**Mycena concolor** (J.E. Lange) Kühner

**S:** !

**H:** In *Sphagnum* mound in a conifer plantation.

Move from 'excluded' list (delete associated **Notes**). A collection (2020) at K from Caithness (Chracairnie Plantation) determined as this based on morphological characters (D.J.

Savage & A.M. Ainsworth). It was sequenced (A.Yu. Biketova) and its barcode did not match any GenBank sequences derived from other *Mycena* spp. associated with this habitat (e.g., *M. latifolia* and *M. megaspora*) but, currently, there are no authentic sequences of *M. concolor* in GenBank which could be used to positively confirm this determination.

**Mycena dura** Maas Geest. & Hauskn., *Öst. Z. Pilzk.* 3: 5 (1994)

**E:** !

**H:** English collection in calcareous grassland soil.

A collection (2024) from West Gloucestershire (Selsley Common) determined by comparing its ITS sequence (S. Harding) with that of the isotype (99.2% similarity).

**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.) Quél.

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. *albopileae* Derbsch & J. Aug. Schmitt ex Robich & Consiglio but this name is invalid. **[UD5]**

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

**E:** !

**H:** On bark of living *Juniperus* trunks.

New record. A collection (2015) at K from South Wiltshire (Porton Down).

**Mycena luteoalba** (Bolton) Gray

Move to 'excluded'. A *nomen dubium*. *Sensu auct* = *M. flavoalba* (q.v.). **[UD1]**

**Mycena luteovariegata** Bugge Harder & Læssøe, in Harder,

Læssøe, Frøslev, Rosendahl, Ekelund & Kjøller, *Fungal Biology* 117(11–12): 772 (2013)

*Mycena pura* var. *lutea* Gillet

*Mycena pura* f. *lutea* (Gillet) Kühner

**W:** !

**H:** Welsh collections in coastal dunes.

Formerly recognised as a form or variety of *M. pura*. Two collections at K (1987 and 2019) from Glamorganshire (Kenfig and Merthyr Mawr).

**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]**

**Mycena pura** (Pers.) P. Kumm.

Transfer *M. pura* var. *lutea* and *M. pura* f. *lutea* to synonymy of *M. luteovariegata* (q.v.).

**Mycena rhenana** Maas Geest. & Winterhoff

*Mycena cecidiophila* Huijsman

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

**H:** Occurs on various woody fruits but most frequently seen on fallen fruits (cones) of *Alnus* and on fallen acorns bearing knopper galls.

Move *M. cecidiophila* to synonymy. Amend the above details and replace **Notes** with: "*M. cecidiophila* is placed in synonymy based on studies reported in Henrici *et al.* [FM17(4): 111–113 (2016)]."

**Mycena riparia** Maas Geest., *Proc. K. Ned. Akad. Wet.*, Ser. C, Biol. Med. Sci. 89(2): 175 (1986)

**E:** !

**H:** English collections on decaying sedge (*Carex*) stem. New record. Two collections (2016) at K from North Hampshire (Leckford Estate) reported in Henrici [FM18(1): 30 (2017)].

**Mycena rorida** (Fr.) Quél.

Name changed to *Roridomyces roridus* (q.v.).

**Mycena scirpicola** M. Villarreal, Heykoop, Esteve-Rav. & Maas Geest., *Persoonia* 16(4): 531 (1998)

**E:** !

**H:** English collection on heathland turf. New record. A collection (2016) at K from South Hampshire (Little Honey Hill) reported in Henrici [FM18(1): 30 (2017)].

**Mycena silvae-pristiniae** M.T. Veerkamp & Kuyper, *Z. Mykol.* 63(2): 164 (1997)

**E:** !

**H:** English collections on dead wood of *Quercus*. New record. Three collections (2016) at K from South Hampshire (Gritnam Wood and Little Honey Hill) reported in Henrici [FM18(1): 30 (2017)].

**Mycena supina** (Fr.) P. Kumm., *Führ. Pilzk.* (Zerbst): 108 (1871)

**E:** !

**H:** English collection on detached *Alnus* twig suspended above ground by riverside.

An English collection (2020) from East Cornwall (Sladesbridge) documented in Hardware [FM22(3): 104-106 (2021)].

**Mycena tenuispinosa** J. Favre, *Bulletin de la Societe Neuchateloise des Sciences Naturelles* 80: 96 (1957)

**E:** !

**H:** English collection on fallen leaf of *Salix*. New record. A collection (2016) at K from North Hampshire (Leckford Estate) reported with photograph in Henrici [FM18(1): 30 (2017)].

**MYCENASTRUM** Desv., *Ann. Sci. Nat., Bot.*, sér. 2, 17: 147 (1842)

**Lycoperdales, Mycenastraceae**

Type: *Mycenastrum corium* (Guers.) 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]**

**Mycenella lasiosperma** (Bres.) Locq.

*Mycena lasiosperma* Bres.

Move from 'excluded' list. Delete **Notes** and move to head the entry currently headed by *Mycenella margaritispora* which is recognised as a younger synonym following Læssøe & Petersen (2019), who caution that "there is no consensus on this issue" and Kibby (2020).

**Mycenella margaritispora** (J.E. Lange) Singer

Delete misapplications and move to the synonymy of *Mycenella lasiosperma* (q.v.).

**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]**

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

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

Include *Mycoaciella* in synonymy.

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

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

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

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

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

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

Move to synonymy of *Mycoacia*.

**bispora** (Stalpers) J. Erikss. & Ryvardeen

Name changed to *Mycoacia bispora* (q.v.).

**MYOCHROMELLA** V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 418 (2015) [2014]

Type: *Myochromella inolens* (Fr.) V. Hofst., Cléménçon, Moncalvo & Redhead

The following changes from *Tephrocycbe* are required following a six-gene phylogenetic analysis [Hofstetter *et al.*, *Cryptog. Mycol.* 35(4): 399-425 (2015)]:

**boudieri** (Kühner & Romagn.) V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 418 (2015) [2014]

**inolens** (Fr.) V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 418 (2015) [2014]

**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]**

**NARCISSEA** D. Wächt. & A. Melzer, *Mycol. Progr.* 19(11): 1203 (2020)

Type: *Narcissea patouillardii* (Quél.) D. Wächt. & A. Melzer  
The following species names are introduced (one new species and others with synonyms moved from *Coprinopsis* and *Coprinus*).

**cordispora** (T. Gibbs) D. Wächt. & A. Melzer, *Mycol. Progr.* 19(11): 1203 (2020)

**ephemeroides** (DC.) T. Bau, L.Y. Zhu & M. Huang, in Zhu, Huang & Bau, *Mycosystema* 41(1): 11 (2022)

**patouillardii** (Quél.) D. Wächt. & A. Melzer, *Mycol. Progr.* 19(11): 1204 (2020)

**scotica** Drumm.-Herdman & L. Nagy, in Crous et al., *Persoonia* 56: 88 (2026)

**S:** !

**H:** Scottish collections (2024 & 2025) on incubated herbivore (mountain hare, red deer and red grouse) dung collected from *Ericaceae* dominated upland habitats.

Described with a sequenced Scottish holotype (in E) and several Scottish paratypes from Easternness (Càrn Dearg), Midlothian (Pentland Hills) and South Aberdeenshire (Old Military Road A93 & Sron nan Gabhar).

## **NEOBOLETUS** Gelardi, Simonini & Vizzini, *Index Fungorum* 192: 1 (2014)

Type: *Neoboletus luridiformis* (Rostk.) Gelardi, Simonini & Vizzini

The following species names are introduced with synonyms moved from *Boletus*.

**praestigiator** (R. Schulz) Svetash., Gelardi, Simonini & Vizzini, *Index Fungorum* 300: 1 (2016)

*Boletus praestigiator* R. Schulz, in Michael & Schulz, *Führ. Pilzfr.*, 1 Edn 5 (Berlin): pl. 91 (1924) [1923]

?*Boletus luridiformis* Rostk.

?*Neoboletus luridiformis* (Rostk.) Gelardi, Simonini & Vizzini

*Boletus immutatus* (Pegler & A.E. Hills) A.E. Hills & Watling

*Boletus luridiformis* var. *immutatus* Pegler & A.E. Hills

*Neoboletus immutatus* (Pegler & A.E. Hills) Blanco-Dios

*Neoboletus praestigiator* var. *immutatus* (Pegler & A.E. Hills)

Mikšik, in Mikšik, Gelardi & Simonini, *European boletes* 1:

701 (2025)

*Neoboletus praestigiator* f. *pseudosulphureus* (Kallenb.)

Mikšik, in Mikšik, Gelardi & Simonini, *European boletes* 1:

701 (2025)

*Boletus pseudosulphureus* Kallenb.

Mis.: *Boletus erythropus* sensu Fr., auct. Brit. (at least p.p.)

et mult.

Mis.: *Boletus luridiformis* sensu auct. Brit. (at least p.p.) et

mult.

Mis.: *Boletus luridiformis* var. *discolor* sensu auct. Brit. p.p.

Mis.: *Boletus junquilleus* sensu auct. Brit. (at least p.p.) et

mult.

Although most material and records historically assigned to *B. erythropus* or *luridiformis* can be safely reassigned here, careful revision would be required to separate the minority that should be assigned to *N. xanthopus*. Many of the collections previously identified as *B. luridiformis* var. *discolor* (or homotypic synonyms) are, on re-evaluation, likely to be redetermined as *N. xanthopus* (q.v.). However, based on limited unpublished DNA-based evidence, some of these collections with noteworthy yellow-brown pilei or pileal patches should be redetermined as *N. praestigiator*. Generally, it should be noted that the morphological characters of *N. praestigiator* and *N. xanthopus* can overlap to a greater extent than previously realised (see EurBol1 for details). The wholly yellow collections of these species (to which the epithets *junquilleus* and *pseudosulphureus* have been applied at various ranks, in various senses and at various times within the CBIB geographic area) will require sequencing to reassess with confidence. Regarding the wider range of similar yellow (xanthoid) forms, EurBol1 recognises *N. praestigiator* f. *pseudosulphureus* [for which there is unpublished DNA evidence for its presence in England (L.M. Suz, A.M. Ainsworth & B.T.M. Dentinger unpubl.)], *N. xanthopus* "xanthoid form" (= *B. junquilleus* sensu auct.), *Suillellus queletii* f. *discolor* and *S. queletii* f. *junquilleus*.

**xanthopus** (Klofac & A. Urb.) Klofac & A. Urb., in Urban & Klofac, *Index Fungorum* 206: 1 (2014) 16)

*Boletus xanthopus* Klofac & A. Urb. *Index Fungorum* 184: 1 (2014)

*Boletus erythropus* subsp. *discolor* (Quél.) Dermek, Kuthan & Singer

*Boletus luridiformis* subsp. *discolor* (Quél.) Rauschert

*Boletus luridiformis* var. *discolor* (Quél.) Krieglst.

*Dictyopus luridus* var. *discolor* Quél.

Mis.: *Boletus junquilleus* sensu auct. Brit. (at least p.p.) et mult.

Mis.: *Boletus luridiformis* sensu auct. Brit. p.p.

?Mis.: *Boletus pseudosulphureus* sensu auct. Brit. p.p.

Distribution and ecology currently unknown because the EurBol1 taxonomy has not yet been applied to sufficient historical collections/records historically assigned to the species now recognised as *N. praestigiator* (q.v.) and to the various yellow forms to which the epithets *discolor*, *junquilleus* and *pseudosulphureus* have historically been applied.

## **NEOFAVOLUS** Sotome & T. Hatt., in Sotome, Akagi, Lee, Ishikawa & Hattori, *Fungal Diversity* 58: 249 (2012) [2013]

Type: *Neofavolus alveolaris* (DC.) Sotome & T. Hatt., in Sotome, Akagi, Lee, Ishikawa & Hattori, *Fungal Diversity* 58: 250 (2012) [2013]

**suavissimus** (Fr.) Seelan, Justo & Hibbett, in Seelan, Justo, Nagy, Grand, Redhead & Hibbett, *Index Fungorum* 308: 1 (2016)

**E:** !

**H:** On wood of *Salix*.

Delete **Notes** and move from 'excluded' list (as *Panus suavissimus*). One collection (2023) in K from Westmorland (Bleham Bog) determined on morphological characters (P. Cowling). Further details in Cowling [FM24(4): 142-143 (2023)].

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

Type: *Neohygrocybe ovina* (Bull.) Herink

The following name changes from *Hygrocybe* are required:

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

Name changed from *Hygrocybe ingrata*.

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

Name changed from *Hygrocybe nitrata*.

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

Name changed from *Hygrocybe ovina*.

**Neolentinus kauffmanii** (A.H. Sm.) Redhead & Ginns, *Trans. Mycol. Soc. Japan* 26(3): 357 (1985)

**W:** !

**H:** Described from *Picea* logs in California, the British collection was from a log in a conifer plantation (on *Abies procera* or *Picea sitchensis*).

A collection (2024) from Denbighshire (Alwen Reservoir) determined on morphology (D. Winnard) and by comparing its ITS sequence (D.J. Harries) with those generated from several American west coast collections (>99.5% similarity).

## **NODOTIA** Hjortstam

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

**lydoniae** (D.A. Reid) Hjortstam & Ryvarde

Delete as separate taxon and add to synonymy of *Hypochnicium lydoniae* (q.v.). **[UD5]**

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

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

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

Name changed from *Physisporinus rivulosus*.

**ODORIA** V. Papp & Dima, *Mycol. Progress* 17: 323 (2018)

Type: *Odoria alborubescens* (Bourdot & Galzin) V. Papp & Dima

**alborubescens** (Bourdot & Galzin) V. Papp & Dima, *Mycol. Progress* 17: 323 (2018)

Name changed from *Aurantiporus alborubescens* following molecular studies showing that this species is not closely related to the type of *Aurantiporus* (*A. pilotae*, = *A. croceus*) [Papp & Dima, *Mycol. Progress* 17: 319–332. (2018)].

**Oudemansiella mucida** (Schrad.) Höhn.

Name changed to *Mucidula mucida* (q.v.).

**Oxyporus latemarginatus** (Durieu & Mont.) Donk

Name changed to *Emmia latemarginata* (q.v.).

**Panaeolus antillarum** (Fr.) Dennis

**E: ! S: !**

**H:** On rotting grass or herbivore dung (*Elephas* & *Equus*). Move from 'excluded' list. Replace **Notes** with: "Collections (2002, 2013 & 2018) at K respectively from Surrey (Esher), Cheshire (Chester Zoo) and West Sussex (Henfield) and a collection (2006) at E from Midlothian (Edinburgh)." This species was noted for inclusion in update UD6 (2015) but, in error, was not incorporated in the online database.

**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.) Quél.

*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]

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

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

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

Name changed from *Lepista flaccida*.

**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]

**crataegi** Schmidt-Stohn, in Szarkándi, Schmidt-Stohn, Dima, Hussain, Kocsubé, Papp, Vágvölgyi & Nagy, *Mycologia* 109(4): 622 (2017)

**E: !**

**H:** English collection in soil near *Crataegus*.

A collection (2012) in K from Hertfordshire (Heartwood Forest) determined using morphology and by comparing its ITS sequence with that of the holotype (D.J. Schafer *in litt.*).

**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]

**cunicolorum** 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]

**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]

**plicatilis-similis** L. Nagy, Szarkándi & Dima, in Szarkándi, Schmidt-Stohn, Dima, Hussain, Kocsubé, Papp, Vágvölgyi & Nagy, *Mycologia* 109(4): 626 (2017)

**E: !**

**H:** English collection in soil near the edge of an ancient broadleaved woodland.

A collection (2000) in K from Buckinghamshire (Rushbeds Wood) was originally determined as *P. plicatilis* and a derived ITS sequence was labelled as this in GenBank (MZ159695). However, on comparing this sequence with that from the *P. plicatilis* epitype, it only showed 90.7% similarity. This contrasted with the 99.8% match with the ex-holotype sequence of *P. plicatilis-similis* and led to the redetermination of the collection (D.J. Schafer, A.M. Ainsworth). A similar match was also obtained with the ex-holotype sequence of *P. aporos* (which would provide an earlier name if recognised as a synonym). Based on morphological characters, our current preference is to maintain them as distinct species in accordance with the opinions of D.J. Schafer and of Malysheva *et al.* [*Mycol. Progress* 18(6): 818 (2019)].

**schroeteri** (P. Karst.) Redhead, Vilgalys, & Hopple, *Taxon* 50: 236 (2001) [UD1]

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

Type: *Paraxerula americana* (Dörfelt) R.H. Petersen

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

Name changed from *Xerula caussei*.

**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]**

**Paxillus olivellus** P.-A. Moreau, J.-P. Chaumeton, H. Gryta & Jargeat, in Jargeat, Moreau, Gryta, Chaumeton & Gardes, *Fung. Biol.* 120(5): 722 (2016)

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

**H:** British collections on soil associated with *Alnus glutinosa*. Segregated from *P. rubicundulus* s.l. following the analysis of Jargeat *et al.* [*Fung. Biol.* 120(5): 722 (2016)] which included two sequences derived from Scottish collections from Easternness (Glen Strathfarrar) and West Sutherland (Crossburn), both of which had previously been determined as *P. filamentosus*. An English collection (2020) from Surrey (Richmond Park) was sequenced, determined as this and documented in Overall [FM22(3): 79-84 (2021)].

**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]**

**pallida** (Bres.) K.H. Larss., *Mycol. Res.* 111(2): 192 (2007)  
Name changed from *Hyphoderma pallidum*.

**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]**

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

Name changed from *Hyphoderma tsugae*.

**PENTTILAMYCES** Zmitr., Kalinovskaya & Myasnikov, *Folia Cryptog. Petropolitana* (Sankt-Peterburg) 7: 8 (2019)

Type: *Penttilamyces romellii* (Ginns) Zmitr., Kalinovskaya & Myasnikov, *Folia Cryptog. Petropolitana* (Sankt-Peterburg) 7: 8 (2019)

**lichenicola** (Thorn, Malloch & Ginns) Zmitr., Kalinovskaya & Myasnikov, *Folia Cryptog. Petropolitana* (Sankt-Peterburg) 7: 8 (2019)

**S:** !

**H:** On podetia of terricolous lichens in *Cladonia* and *Stereocaulon*.

Reported in Diederich *et al.* 2022 [Flora of lichenicolous fungi vol. 1, *Basidiomycota*].

**romellii** (Ginns) Zmitr., Kalinovskaya & Myasnikov, *Folia Cryptog. Petropolitana* (Sankt-Peterburg) 7: 8 (2019)

Name change for *Leucogyrophana romellii*.

**PERENNIPORIA** Murrill

For a general guide to the segregation of *Perenniporia* and new generic placements of species formerly assigned here, see the relevant entries in Index/Species Fungorum online. New CBIB entries will be restricted to those species representing new additions to, or exclusions from, the British and Irish list and those requiring edits other than changes to their generic placement. These updates will be found under *Truncospora* and *Vanderbylia* as required.

**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]**

**ochroleuca** (Berk.) Ryvarden

This species was originally described in 1845 from material collected in Australia. A modern Australian collection was included in the molecular analyses of Spirin *et al.* [*Nova Hedwigia* 100(1-2): 159-175 (2014)] where it was shown to be phylogenetically distinct from the species formerly recorded in Europe under this name. The latter is now recognised in the segregate genus *Truncospora* as *T. atlantica* (q.v.).

**PHAEACLAVULINA** Brinkmann, *Jber. Westfäl.*

*Prov.-Vereins* 25: 197 (1897)

Type: *Phaeoclavulina macrospora* Brinkmann

Segregated from *Ramaria*. See Index/Species Fungorum for list of species now accepted in *Phaeoclavulina*.

**alboapiculata** Franchi & M. Marchetti, *Index Fungorum* 457: 1 (2020)

**E:** ! **O:** Isle of Man: !

**H:** In mulched soil in gardens and parkland.

A collection (2011) in K from Middlesex (Holland Park), originally determined as *P. (Ramaria) curta*, redetermined as this based on a comparison of its ITS sequence (C. Weinberger) with those of the holotype and paratypes. Two more recent collections (2013) in K from Middlesex (Chelsea) and South Essex (Little Baddow) determined as this based on similar comparisons of their ITS barcodes (L.M. Suz) with those from type materials. One collection (2016) in K from the Isle of Man (The Curraghs) also determined as this based on barcode (K. Liimatainen) comparisons.

**coniferarum** Franchi & M. Marchetti, *Index Fungorum* 457: 3 (2020)

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

**H:** In soil near conifers.

A Scottish and a Welsh collection (2022 & 2025 respectively) from North Aberdeenshire (Aden Country Park) and Pembrokeshire (Honeyborough Cemetery) determined by comparing their ITS sequences (H. Baker & D.J. Harries) with that of the holotype (99.8% & 99.4% similarity respectively)

**minutispora** Franchi & M. Marchetti, *Index Fungorum* 457: 3 (2020)

**E:** !

**H:** In soil and woody debris near trees.

A collection (2017) in K from South Lancashire (Speke Hall), originally determined on ITS barcode evidence as *Ramaria decurrens* sensu Martín *et al.* [*PLoS One* 15(8): e0237507 (2020)], redetermined as this based on subsequent matching with sequences derived from the holotype and paratype (K. Liimatainen, A.M. Ainsworth). A collection (2021) in K from Oxfordshire (Blenheim Estate) was similarly determined (A.Yu. Biketova, A.M. Ainsworth).

**Phaeogalera dissimulans** (Berk. & Broome) Holec  
Name changed to *Meotatomyces dissimulans* (q.v.). **[UD5]**

**PHAEOPHLEBIOPSIS** Floudas & Hibbett, *Fungal Biology* 119(7): 707 (2015)

Type: *Phaeophlebiopsis caribbeana* Floudas & Hibbett, *Fungal Biology* 119(7): 707 (2015)

**ravenelii** (Cooke) Zmitr., *Folia Cryptog. Petropolitana* (Sankt-Peterburg) 6: 95 (2018)  
See *Phlebiopsis ravenelii*.

**roumegueri** (Bres.) K.H. Larss. & Ryvarden, in Larsson, Spirin, Ryvarden & Larsson, *Fungal Systematics and Evolution* 16: 20 (2025)  
*Corticium roumegueri* Bres.  
*Peniophora roumegueri* (Bres.) Höhn. & Litsch., *Sber. Akad. Wiss. Wien, Math.-nat. Kl.*: 33 (1906)  
*Phlebia roumegueri* (Bres.) Donk  
*Phlebiopsis roumegueri* (Bres.) Jülich & Stalpers  
*Peniophora moelleriana* Bres. ex Sacc.  
Mis.: *Phlebiopsis ravenelii* sensu auct. Brit.  
Move *Phlebiopsis roumegueri* (and homotypic synonyms) and *Peniophora moelleriana* from synonymy of *Phlebiopsis ravenelii* (q.v.) to synonymy of this species.

**PHAEOTREMELLA** Rea, *Trans. Br. mycol. Soc.* 3(5): 377 (1912) [1911]

Type: *Phaeotremella pseudofoliacea* Rea, *Trans. Br. mycol. Soc.* 3(5): 377 (1912) [1911]

Genus reinstated for some *Tremella* spp. including *T. foliacea* sensu CBIB 2005, which is now recognised as three distinct species (part of the *Phaeotremella foliacea* group): *P. foliacea* s.str. associated with *Stereum sanguinolentum* on conifers; *P. frondosa*, which was in the 'excluded' list in CBIB 2005 but now in the 'included' list as an associate of *Stereum* spp. on broadleaved trees; and *P. fimbriata*, associated with *S. rugosum* but not yet recorded in Britain & Ireland. The CBIB 2005 synonymy also included *T. succinea*, but the identity of this species is regarded as vague in Spirin *et al.* [*Mycological Progress* 17: 451-466 (2018)].

**foliacea** (Pers.) Wedin, J.C. Zamora & Millanes, *Mycosphere* 7(3): 296 (2016)  
*Gyrraria foliacea* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 594 (1821)  
*Ulocolla foliacea* (Pers.) Bref., *Unters. Gesamtgeb. Mykol.* 7: 98 (1888)  
*Exidia foliacea* (Pers.) P. Karst., *Bidr. Känn. Finl. Natur. Och. Folk* 48: 449 (1889)

**E:** ! **S:** ! **NI:** !

**H:** see above

**frondosa** (Fr.) Spirin & Malysheva, in Spirin, Malysheva, Yurkov, Miettinen & Larsson, *Mycol. Progr.* 17(4): 464 (2018)  
*Tremella nigrescens* Fr., *Summa veg. Scand.*: 341 (1849)

*Phaeotremella pseudofoliacea* Rea, *Trans. Brit. Mycol. Soc.* 4(5): 377 (1912) [1911]

**E:** ! **W:** ! **S:** ! **O:** Channel Islands !

**H:** see above

**simplex** (H.S. Jacks. & G.W. Martin) Millanes & Wedin, in Liu, Wang, Göker, Groenewald, Kachalkin, Lumbsch, Millanes, Wedin, Yurkov, Boekhout & Bai, *Stud. Mycol.* 81: 138 (2015)  
*Tremella simplex* H.S. Jacks. & G.W. Martin

**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]**

**Phanerochaete amphibolia** (Fr.) Spirin & K.H. Larss., in Larsson, Viner, Volobuev & Spirin, *Mycol. Progr.* 24(no. 74): 7 (2025)

*Phanerochaete magnoliae* (Berk. & M.A. Curtis) Burds.

An earlier name for British material formerly identified as *P. magnoliae* following Larsson *et al.* [*Mycol. Progr.* 24(no. 74): 1-23 (2025)] whose taxonomic study included sequenced material (E. Janke) from North Hampshire (Leckford) collected in 2024.

**Phanerochaete galactites** (Bourdot & Galzin) J. Erikss. & Ryvarden, *Cortic. N. Eur.* (Oslo) 5: 1005 (1978)

**W:** !

**H:** Welsh collection on dead stem of *Rubus fruticosus* agg. A Welsh collection at K (2019) from Glamorganshire (Kenfig).

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

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

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

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

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

**PELLINUS** Quél.

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]**

**conchatus** (Pers.) Quél.

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

**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 igniarius* 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** P. Karst.

*Bankera* Coker & Beers ex Pouzar

Recent DNA analysis [Baird *et al.*, *Fungal Diversity* 62: 41–114 (2013)] resulted in the recombination of *Bankera fuligineoalba* (the generic type) in *Phellodon* and so *Bankera* is now listed as a synonym. This change subsequently led to the recombination of *B. violascens* in *Phellodon*.

**aquiloniniger** A.M. Ainsw. & Svantesson, in Svantesson, Larsson, Larsson, Parfitt, Suz & Ainsworth, *Fungal Systematics and Evolution* 15: 15 (2024)

Mis.: *Phellodon niger* s. auct. Brit. p.p.

**S:** !

**H:** Ectomycorrhizal partner of conifers and Scottish collections in soil near *Pinus sylvestris*.

Described with sequenced paratype collections (2010-2014) in K from Easternness (Abernethy Forest). This is the component of British *P. niger* s.l. found in *Pinus sylvestris* woodland in Scotland.

**atratus** K.A. Harrison

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

**castaneoleucus** A.M. Ainsw., in Svantesson, Larsson, Larsson, Parfitt, Suz & Ainsworth, *Fungal Systematics and Evolution* 15: 20 (2024)

Mis.: *Phellodon melaleucus* s. auct. Brit. p.p.

**E:** !

**H:** Ectomycorrhizal partner of *Fagaceae* and English collections in soil near *Castanea*, *Fagus* and *Quercus*.

Described with sequenced holotype and paratype collections from southern England (2000-2022) in K from Berkshire (Windsor Great Park), Buckinghamshire (Burnham Beeches & Pullingshill Wood), South Hampshire (New Forest), West Kent (Pembury Heath, Seal Chart & Emmetts Lane).

**ellisianus** Banker, *Mem. Torrey bot. Club* 12(2): 174 (1906)

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

**H:** Ectomycorrhizal partner of *Fagaceae* and British collections in soil near *Fagus* and *Quercus*.

Two collections (2004-2011) in K from Pembrokeshire (Wyndrush Pastures) and South Hampshire (New Forest) sequenced and determined as *P. ellisianus* s. Baird *et al.* [*Fungal Diversity* 62: 41-114 (2013)]. Further details in Svantesson *et al.* [*FUSE* 15: 1-45 (2024)].

**frondosoniger** A.M. Ainsw. & Svantesson, in Svantesson, Larsson, Larsson, Parfitt, Suz & Ainsworth, *Fungal Systematics and Evolution* 15: 27 (2024)

Mis.: *Phellodon niger* s. auct. Brit. p.p.

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

**H:** Ectomycorrhizal partner of broadleaved trees usually *Fagaceae*.

Described with sequenced holotype and paratype collections (2001-2023) in K from Berkshire (Swinley Forest), Cumberland (Low Strutta Wood), Mid Perthshire (Comrie), Morayshire (Loch of Blairs), South Hampshire (New Forest), West Kent (Pembury Walks). This is the component of British *P. niger* s.l. found in broadleaved woodland, usually with *Castanea* and/or *Quercus*.

**fuligineoalbus** (J.C. Schmidt) R.E. Baird, in Baird, Wallace, Baker & Scruggs, *Fungal Diversity* 62: 63 (2013)  
Name changed from *Bankera fuligineoalba*.

**niger** (Fr.) P. Karst

**E:** !

**H:** Ectomycorrhizal partner of conifers and English collection in soil with planted *Pinus radiata*.

Replace existing distribution and habitat data with the above.

Replace **Notes** with: This species, sensu stricto, is retained on the British and Irish list based on a single sequenced collection (2019) in K from a West Cornwall (Falmouth) car park. Further details in Svantesson *et al.* [*FUSE* 15: 1-45 (2024)].

**secretus** Niemelä & Kinnunen, in Niemelä, Kinnunen, Renvall & Schigel, *Karstenia* 43(2): 38 (2003)

**E:** !

**H:** English collection in acid soil under *Castanea* in *Pinus* plantation.

Two collections (2022, 2023) in K from Berkshire (Swinley Forest) determined on morphological characters (spore size) and by comparing a derived ITS sequence (R. Woods, A. Dombrowski & A.M. Ainsworth) with that of the holotype.

**violascens** (Alb. & Schwein.) A.M. Ainsw., *Index Fungorum* 401: 1 (2019)

Name changed from *Bankera violascens*.

**Phlebia caspica** Hallenb., *Mycotaxon* 11(2): 460 (1980)

**E:** !

**H:** English collection on decayed hardwood in ditch.

New record. A collection (2017) at K from Surrey (Ham Lands).

**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.). **[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]**

**paludicola** Hjortstam & P. Roberts

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

**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]**

**sulphurea** (Pers.) Ginns & Lefebvre  
Move to synonymy of *Phlebiella vaga* (q.v.).

**vaga** (Fr.) P. Karst

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

**Phlebiopsis ravenelii** (Cooke) Hjortstam

*Peniophora ravenelii* Cooke

*Phanerochaete ravenelii* (Cooke) Burds.

*Scopuloides ravenelii* (Cooke) Boidin, Lanq. & Gilles

Move to 'excluded' list as there is currently no DNA evidence that this species, originally described from the USA, occurs in the CBIB area although Larsson *et al.* [*Fungal Systematics and Evolution* 16: 1-27 (2025)] concluded that "the identity of *Peniophora ravenelii* remains unclear". Collections historically filed as *Phlebiopsis ravenelii* (sensu auct. Brit.) are now redetermined as *Phaeophlebiopsis roumeguerei* (q.v.).

**Phlegmacium hemicaeruleum** (Brotzu, Lorenzon, Padovan, Bellù & Dima) Brandrud, Dima, G. Saar & Schmidt-Stohn, in Saar, Schmidt-Stohn, Brandrud & Dima, *Journal des JEC, Journées Européennes du Cortinaire* 24: 58 (2022)

**S:** !

**H:** Scottish collection on soil under *Pinus*.

A collection (2023) from Easternness (Loch an Eilein) determined by comparing its ITS sequence with that derived from the holotype (M. Tortelli, C.V. Soler, G.G. Kibby, Aberystwyth University IBERS). This combination was published twice in Oct. 2022 (P.M. Kirk) and priority is still under investigation. The competing combination is *P. hemicaeruleum* (Brotzu, Lorenzon, Padovan, Bellù & Dima) Niskanen & Liimat., in Niskanen & Liimat., *Index Fungorum* 528: 9 (2022).

**Phlegmacium olidoamethysteum** (Rob. Henry & Ramm) Niskanen & Liimat., in Liimat., Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity*: 10.1007/s13225-022-00499-9, [60] (2022)

**W:** !

**H:** Welsh collection in acid soil under *Fagus*.

A collection (2017) from Caernarvonshire (Capel Curig) determined following DNA barcode analysis (K. Liimat., in litt.).

**Phlegmacium populinum** (Brandrud) Niskanen & Liimat., in Liimat., Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity*: 10.1007/s13225-022-00499-9, [61] (2022)

**S:** !

**H:** Scottish collection on soil in mixed woodland.

A collection (2023) from Easternness (Loch Insh) determined by comparing its ITS sequence (identical) with that derived from the holotype (M. Tortelli, A. Burnham, C.V. Soler, G.G. Kibby, Aberystwyth University IBERS). Further details in Tortelli *et al.* [FM25(1): 8-14 (2024)].

**Phlegmacium triumphale** (Bidaud, Moëgne-Locc. & Reumaux) Niskanen & Liimat., in Liimat., Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity*: 10.1007/s13225-022-00499-9, [66] (2022)

**E:** !

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

A collection (2021) in K from Buckinghamshire (Gussetts Wood), originally determined as *Cortinarius obsoletus* using morphological characters, was redetermined as this based on matching its barcode sequence (identical) with that derived from the holotype (A.Yu. Biketova).

**Phloeomana atropapillata** (Kühner & Maire) Aronsen & Læssøe, *Index Fungorum* 518: 1 (2022)  
*Mycena atropapillata* Kühner & Maire

**ROI:** !

**H:** Irish collection on woodland soil.

Move from 'excluded' list (as *Mycena atropapillata*). A collection (2024) in K from Dublin (Santry Demesne) determined as this based on morphology (C. Bayet).

**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]**

**chocensis** Holec & M. Kolařík, *Mycol. Progr.* 13(2): 401 (2013) [2014]

**E:** !

**H:** On a woodchip pile.

A collection (2021) from East Sussex (Byerly Wood), determined as this based on a comparison of its ITS sequence with that of the holotype and paratype (N. Aplin). Further details and photos are posted online at <https://www.sussexfungusgroup.co.uk> and documented in Aplin [FM22(3): 85-90 (2021)].

**pityrodes** (V. Brig.) Gröger, in Ludwig, *Pilzkompedium* (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 canalside 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** P. Karst.

Move to synonymy of *Meripilus* (q.v.) following molecular studies and recombination of the generic type by Westphalen *et al.* [*Mycologia* 117(4): 701-724 (2025)]

**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]**

**rivulosus** (Berk. & M.A. Curtis) Ryvarden

Name changed to *Obba rivulosa* (q.v.).

**sanguinolentus** (Alb. & Schwein.) Pilát

Name changed to *Meripilus sanguinolentus* (q.v.).

**vitreus** (Pers.) P. Karst.

Name changed to *Meripilus vitreus* (q.v.).

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

**S:** !

**H:** On decaying logs of *Picea* sp. in plantations. New record. Collections (2015, 2016) at K from Argyll (Sutherland's Grove and Dallachulish).

### **PIPTOPORUS** P. Karst.

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

**betulinus** (Bull.) P. Karst.

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

**quercinus** (Schrad.) P. Karst.

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

**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]**

**Pisolithus arhizus** (Scop.) Rauschert

Move *Lycoperdon capsuliferum* from synonymy to that of *P. capsulifer* (q.v.). Note that the status of *P. arhizus* and *P. tinctorius* (synonymised in current CBIB) in Britain and Ireland is currently uncertain pending molecular investigation.

**Pisolithus capsulifer** (Sowerby) Watling, Phosri & M.P.

Martín, *Mycotaxon* 120: 202 (2012)

*Lycoperdon capsuliferum* Sowerby, *Col. fig. Engl. Fung. Mushr.* (London) Suppl: tab. 425 a/b (1814)

**E:** !

**H:** English collections from pine plantations (where known). This species is now recognised as distinct from *P. arhizus* and *P. tinctorius* based on molecular data [Phosri *et al.*, *Mycotaxon* 120: 195–208 (2012)]. These authors selected Sowerby's plate showing material from Middlesex (Highgate Hill) as lectotype with a supporting epitype comprising a redetermined 1993 collection in E from Berkshire (nr. Sandhurst). Other specimens in E were similarly redetermined based on molecular data, from Berkshire (Caesar's Camp), or morphological examination, from South Hampshire (Ringwood). Move *Lycoperdon capsuliferum* from synonymy of *P. arhizus* and amend publication volume and year.

**Pleurotus citrinopileatus** Singer, *Annls mycol.* 41(1/3): 149 (1943)

**E:** !

**H:** On dead wood. Reported from three English sites (N. England and Midlands) having escaped from cultivation. For further details see Wainhouse *et al.* [FM26(3): 102-104 (2025)].

**Pluteus exiguus** (Pat.) Sacc.

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

**Pluteus fuscodiscus** Ferisin, E.F. Malysheva, Ševčíková, Kaygusuz, Heilm.-Claus. & I. Saar, in Ševčíková, Malysheva, Antonín, Borovička, Dovana, Ferisin, Eyssartier, Grootmyers, Heilmann-Clausen, Kalichman, Kaygusuz, Lebeuf, González, Minnis, Russell, Saar, Broman Nielsen, Frøslev & Justo, *J. Fungi* 9(9, no. 898): 27 (2023)

**E:** !

**H:** On rotten *Fagus sylvatica* wood. An English collection (2024) from South Hampshire (New Forest) determined by comparing its ITS sequence (E. Janke) with that of the holotype (98.8%).

**Pluteus hongoi** Singer, *Fieldiana, Bot.* 21: 95 (1989)

New name for *P. nothopellitus* (which becomes a later synonym). An additional (2021) collection determined on morphological characters documented in Anon [FM23(1): 25 (2022)] and in Overall [FM23(2): 50-55 (2022)] from

Middlesex (Bushy Park) on woodchips. A collection (2005) in K from East Sussex (Cuttinglye Wood), originally determined as *P. pellitus*, was redetermined as this based on a comparison of its ITS sequence with that of the holotype (K. Liimatainen, A.M. Ainsworth). Collections formerly assigned to *P. pellitus* or *P. nothopellitus* and subsequently reassigned to *P. hongoi* should be re-examined and sequenced, if possible, to confirm their identification.

**Pluteus inflatus** Velen., *České Houby* (Praze) 3: 609 (1921)  
*Pluteus inflatus* var. *alveus* Velen., *Novitates Mycologicae*: 145 (1939).

**E:** !

**H:** On wood or soil. An English collection (2009) from Surrey (Kew Gardens) determined by comparing its ITS sequence with that of the holotype of *P. inflatus* var. *alveus* (99.5%) and documented as British in Ševčíková *et al.* [*Journal of Fungi* 9(9): 898; <https://doi.org/10.3390/jof9090898> (2023)]. Likely to have been historically misdetermined as *P. podospileus*, a species regarded by Ševčíková *et al.* as "apparently less frequent" than *P. inflatus* in Europe.

**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]**

**Pluteus nothopellitus** Justo & M.L. Castro  
Entry to be headed by *Pluteus hongoi* (q.v.).

**Pluteus pallescens** P.D. Orton

Move from synonymy of *P. satur* to the synonymy of *P. romellii*. The type of *P. pallescens* in K from East Norfolk (Wheatfen Carr) was sequenced and its barcode was found to match that derived from the epitype of *P. romellii* as documented in Ševčíková *et al.* [*Journal of Fungi* (2022): 8, 773. <https://doi.org/10.3390/jof8080773>].

**Pluteus podospileus** Sacc. & Cub.

*Pluteus seticeps* (G.F. Atk.) Singer

*Leptonia seticeps* G.F. Atk.

Move the above two synonyms to the 'excluded' list following Ševčíková *et al.* [*Journal of Fungi* 9(9): 898; <https://doi.org/10.3390/jof9090898> (2023)] who regard *P. seticeps* as a "separate species occurring in North America" but not Eurasia.

**Pluteus roseipes** Höhn., *Sber. Akad. Wiss. Wien, Math.-naturw. Kl., Abt. 1* 111: 1010 (1902)

**E:** !

**H:** English collection on soil in grass near *Chamaecyparis lawsoniana*. New record. A collection (2017) at K from West Gloucestershire (Westonbirt Arboretum).

**Polyporus badius** (Pers.) Schwein.

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

**Polyporus durus** (Timm) Kreisel

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

**Polyporus leptoccephalus** (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, XI)*: 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 (Rhidoroch). 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]

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

Type: *Porpolomopsis calyptriformis* (Berk.) Bresinsky

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

Name changed from *Hygrocybe calyptriformis*.

**Postia alni** Niemelä & Vampola, *Karstenia* 41(1): 7 (2001)

**E:** !

**H:** On fallen branches of *Acer pseudoplatanus*.

A single collection (1996) in K from South Hampshire (New Forest) originally filed as *P. subcaesia* and redetermined based on matching with a sequence derived from the holotype [Miettinen et al., *Fungal Systematics and Evolution* 1: 101–129. (2018)]. Further re-examination/sequencing of historic collections assigned to *P. subcaesia* are required to determine the true number of segregate species present in Britain and Ireland and determine their geographical and ecological preferences.

**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]

**PROTOMERULIUS** Möller, *Bot. Mitt. Trop.* 7: 60 (1895)

Type: *Protomerulius brasiliensis* Möller, *Bot. Mitt. Trop.* 7: 60 (1895)

The types of *Heterochaetella* and *Protomerulius* were shown to be congeneric in Spirin et al. [*Mycol. Progr.* 18: 1079-1099 (2019)].

**commotus** Spirin & Malysheva, in Spirin, Malysheva, Miettinen, Vlasák, Alvarenga, Gibertoni, Ryvarden & Larsson, *Mycol. Progr.* 18(9): 1087 (2019)

**E:** !

**H:** In woodland soil.

An unidentified ITS sequence (GenBank KM374443) derived from a soil sample (2005) from Oxfordshire (Pinsley Wood), published in Johnson et al. [*Forestry* 87: 705-717 (2014)], was determined and published as a British species in Spirin et al. [*MycKeys* 120: 339-392 (2025)].

**dubius** (Bourdot & Galzin) Spirin & Malysheva, in Spirin, Malysheva, Miettinen, Vlasák, Alvarenga, Gibertoni, Ryvarden & Larsson, *Mycol. Progr.* 18(9): 1089 (2019)

Name changed from *Stypella dubia*. Remove *Heterochaetella brachyspora* from synonymy as this is now recognised as a distinct species (*Protomerulius brachysporus*) following Spirin et al. [*Mycological Progress* 18: 1079-1099 (2019)] but one which lacks DNA-supported British or Irish records.

**pertusus** Malysheva & Spirin, in Spirin, Malysheva, Miettinen, Vlasák, Alvarenga, Gibertoni, Ryvarden & Larsson, *Mycol. Progr.* 18(9): 1092 (2019)

**E:** !

**H:** On decaying log.

A collection (2024) from South Hampshire (Crab Wood) determined by comparing its ITS sequence (E. Janke) with that generated from the holotype (99.6% similarity).

**PSATHYRELLA** (Fr.) Quéf.

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]

**albofloccosa** Arenal, M. Villarreal & Esteve-Rav., *Mycotaxon* 87: 173 (2003)

Accepted based on a collection whose morphological characters were confirmed by F. Esteve-Raventós (R. Skipper).

**artemisiae** (Pass.) Konrad & Maubl.

This was included in the printed checklist (2005), but *P. artemisiae* sensu auct., including sensu Bon, Courtecuisse & Duhem, Kits van Waveren and Lange fide Örstadius [*Agarica* 26: 64-90 (2006)] and sensu CBIB fide Henrici [FM18(3): 87-91 (2017)] is *P. fibrillosa* (q.v.).

**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** (Quéf.) 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.

Mis.: *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]

**fibrillosa** (Pers.) Maire

Mis.: *Psathyrella artemisiae* sensu auct. Brit. incl. CBIB (2005)

Move from 'excluded' list to head entry previously headed by *P. artemisiae* (q.v.) and delete **Notes**.

**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]

**kellermanii** (Peck) Singer, *Mycologia* 51(3): 392 (1959)

A collection (2023) from plant pot soil/compost used to grow lettuce and located outdoors in Berkshire (Aldermaston) was determined as this sensu Örstadius et al. (2015) by comparing its ITS sequence (E. Janke, Aberystwyth University IBERS) with that of the single sequence (99.4% similarity) published in Örstadius et al. [*Mycological Progress* 14: 25 (2015)]. Further details in Bell et al. [*FM25* (3): 98-99 (2024)]. This entry was erroneously placed under the "Alien basidiomycetes" heading in UD12, although the fungus was possibly imported with compost ingredients.

**narcotica** Kits van Wav.

Move to synonymy of *Psathyrella supernula* (q.v.).

**ocellata** (Romagn.) M.M. Moser

*Drosophila ocellata* Romagn.

Delete as a separate taxon and add to synonymy of *P. senex* (q.v.). [UD4]

**orbitarium** (Romagn.) M.M. Moser

*Drosophila orbitarium* Romagn.

*Psathyrella prona* f. *orbitarium* (Romagn.) Kits van Wav.

Rank change from *P. prona* f. *orbitarium*. [UD4]

**owyheensis** A.H. Sm., *Mem. N. Y. bot. Gdn* 24: 174 (1972)

**E:** !

**H:** English collection on woody debris in damp soil of broadleaved woodland (mostly *Quercus*).

An English collection (2024) in K from West Norfolk (Bridgeham) determined on morphological evidence and by comparing its ITS sequence with that of the holotype (99.5%) by L. Örstadius & the Norfolk Fungus Study Group.

**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 Massee [*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. orbitarium** (Romagn.) Kits van Wav.

Rank changed to species, as *P. orbitarium* (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 Faeröes* 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]**

**supernula** (Britzelm.) Örstadius & Enderle, *Agarica* 28: 108 (2009)

*Psathyrella narcotica* Kits van Wav.

Move *Psathyrella narcotica* to synonymy following FN (2012) and documented in Kibby et al. [FM21(1): 3-4 (2020)].

**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]**

**tenuicula** (P. Karst.) Örstadius & Hühntinen

*Psathyra tenuicula* P. Karst.

*Coprinellus parvulus* (P.-J. Keizer & Uljé) Házi, L. Nagy, Papp & Vágvölgyi, in Házi, Nagy, Vágvölgyi & Papp, *Mycol. Progr.* 10(3): 367 (2011)

**E: !**

**H:** On herbivore dung.

This was placed in the 'excluded' list in UD4 (2009) based on an erroneous interpretation of a published study: "Listed as British by .... Larsson & Örstadius [*Mycol. Res.* 112(10): 1165-1185 (2008)], but without voucher material." On the contrary, however, that study included a sequenced British collection (1997) in K found on horse dung in Buckinghamshire (Burnham Beeches) and initially accessioned as *P. cf. sphaerocystis*. Move from 'excluded' list and delete **Notes**. A more recent collection from deer dung in Norfolk was determined as *C. parvulus* based on morphological characters (Y. Mynett, D.J. Schafer) and subsequently molecularly confirmed as *P. tenuicula* (B. Douglas). This species is currently treated in a wide sense, following Larsson & Örstadius (2008), but if a narrower species concept is adopted in future, it is likely that the two known British collections would be assigned to different species.

**thujina** A.H. Sm., *Mem. N. Y. bot. Gdn* 24: 316 (1972)

**E: !**

**H:** English collection on wet soil and *Phragmites* debris in reedbed.

New record. A collection at K (2017) from West Norfolk (Cranwich Pits) and documented in Henrici [FM18(3): 87-91 (2017)].

**PSEUDOCHAETE** T. Wagner & M. Fisch., *Mycol. Progr.* 1(1): 100 (2002)

Type: *Pseudochaete tabacina* (Sowerby) T. Wagner & M. Fisch.

Introduced in the online database, but this is an illegitimate name (a later homonym of an algal genus). Replaced first by *Hymenochaetopsis* S.H. He & Jiao Yang and then by the earlier *Hydnoporia* Murrill (q.v.).

**tabacina** (Sowerby) T. Wagner & M. Fisch.

Name changed to *Hydnoporia tabacina* (q.v.).

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

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

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

Name changed from *Leucopaxillus rhodoleucus*.

**PSEUDOCRATERELLUS** Pers.

Move to synonymy of *Craterellus* following Olariaga [*The order Cantharellales in the Iberian Peninsula and the Balearic Islands* PhD Thesis. (2009)].

**undulatus** (Pers.) Rauschert

Name changed to *Craterellus sinuosus* (q.v.).

**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]

**PSEUDOSPERMA** Matheny & Esteve-Rav., in  
Matheny, Hobbs & Esteve-Raventós, *Mycologia*:  
10.1080/00275514.2019.1668906, 11 (2019)

Type: *Pseudosperma sororium* (Kauffman) Matheny & Esteve-  
Rav.

**flavellum** (P. Karst.) Matheny & Esteve-Rav., in Matheny,  
Hobbs & Esteve-Raventós, *Mycologia*:  
10.1080/00275514.2019.1668906, 28 (2019)

Move from *Inocybe* and move *I. xanthocephala* from synonymy  
to head of new entry as *P. xanthocephalum* (q.v.).

**franchettii** G.B. Galeotti, A. Rubini, R. Para, C. Riccioni, B.  
Belfiori, *Phytotaxa* 693(2): 124 (2025)

**E:** !

**H:** On soil in oak-dominated open woodland in soil near  
*Quercus robur*.

A sequenced (A.Yu. Biketova) collection (2021) in K from  
Oxfordshire (Blenheim High Park) initially determined as *P.*  
*rimosum* aff. was redetermined in Galeotti *et al.* (2025) by  
comparing its ITS sequence with that generated from the  
holotype (99.5% similarity).

**maleolens** (Carteret & Reumaux) Matheny & Esteve-Rav., in  
Matheny, Hobbs & Esteve-Raventós, *Mycologia*:  
10.1080/00275514.2019.1668906, 30 (2019)

**E:** !

**H:** In soil under *Quercus* and *Corylus*.

A collection (2023) from Buckinghamshire (Rushbeds Wood)  
determined by comparing its ITS sequence (>99.9%  
similarity) with sequences derived from the holotype and  
paratype (E. Janke & P. Cullington).

**pacis** Bandini, Zitzmann & B. Oertel, in Bandini, Oertel &  
Eberhardt, *Mycol. bavarica* 24: 15 (2024)

**GB:** !

**H:** British collection in soil with *Fagus* and *Corylus*.

A sequenced collection (code JD2008-0241), originally identified  
as *Inocybe perlata*, then as *I. cf. rimosum* and documented in  
Larsson *et al.* [*Persoonia* 23: 86-98 (2009)] now redetermined  
by comparing its ITS sequence with that of the holotype in  
Bandini *et al.* [*Mycologia bavarica* 24: 1-52 (2024)].

**rimosum** (Bull.) Matheny & Esteve-Rav., in Matheny, Hobbs &  
Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 31 (2019)

Move from *Inocybe* (see comments for *I. umbrinella*).

**spurium** (Jacobsson & E. Larss.) Matheny & Esteve-Rav., in  
Matheny, Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 31 (2019)

**S:** !

**H:** On soil in woodland.

Included as British following Cullington [FM21(3): 102-107  
(2020)] based on an analysis of sequenced material from  
Caithness (E. Larsson).

**umbrinellum** (Bres.) Matheny & Esteve-Rav., in Matheny,  
Hobbs & Esteve-Raventós, *Mycologia*:

10.1080/00275514.2019.1668906, 32 (2019)

Move from *Inocybe* (see comments for *I. umbrinella*).

**ushae** Bandini & G. Bandini, in Bandini, Oertel &  
Eberhardt, *Mycol. bavarica* 22: 64 (2022)

**E:** !

**H:** British collection from soil of a woodland ride.

A collection (2024) from Warwickshire (Ryton Wood)  
determined by comparing its ITS sequence (Alvalab) with that  
generated from the holotype (99.9% similarity).

**xanthocephalum** (P.D. Orton) Matheny & Esteve-Rav., in  
Matheny, Hobbs & Esteve-Raventós, *Mycologia*:  
10.1080/00275514.2019.1668906, 32 (2019)

Move from synonymy of *Inocybe flavella* and recognise (again)  
as a distinct species following Cullington [FM21(3): 102-107  
(2020)].

**Pseudotomentella rotundispora** Svantesson, in Svantesson,  
Larsson, Kõljalg, May, Cangren, Nilsson & Larsson, *MycoKeys*  
50: 41 (2019)

**E:** !

**H:** Detected within mycorrhizal roots in soil of mixed woodland.  
Documented as British in Svantesson *et al.* [*MycoKeys* 50: 1-77  
(2019)] based on matching an ITS barcode sequence derived  
from an English (South Hampshire, Chappett's Copse)  
mycorrhizal root with that of the Swedish holotype.

**Pseudotomentella sciastra** Svantesson & Kõljalg, in  
Svantesson, Larsson, Kõljalg, May, Cangren, Nilsson &  
Larsson, *MycoKeys* 50: 44 (2019)

**S:** !

**H:** Ectomycorrhizal, Scottish collection fruiting on dead wood in  
a small group of planted *Populus*.

Documented as British in Svantesson *et al.* [*MycoKeys* 50: 1-77  
(2019)] based on matching of the ITS barcode sequence  
derived from a Scottish (Aberdeenshire, Inverurie) specimen  
collected in 2005 with that of the Swedish holotype. All  
European specimens labelled as *P. atrofusca* which were  
studied by Svantesson *et al.* (2019) were subsequently  
redetermined as *P. sciastra*.

**Pseudotomentella umbrina** (Fr.) M.J. Larsen, *Can. J. Bot.*  
45: 1298 (1967)

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

**H:** Mycorrhizal in *Pinus* and mixed woodland.

Documented as British in Svantesson *et al.* [*MycoKeys* 50: 1-77  
(2019)] based on matching collections made by U. Kõljalg in  
2005 from Easterness (Glen Strathfarrar) and Morayshire  
(Culbin Forest) with the newly designated Swedish epitype.  
Likely to be the most common component of the *P. tristis*  
complex in northern Europe.

**Psilocybe fuscofulva** Peck, *Bull. N.Y. St. Mus. nat. Hist.* 1(no.  
2): 7 (1887)

*Psilocybe turficola* J. Favre (*nom. inval.*)

?Mis.: *Psilocybe atrobrunnea* sensu Guzmán (1983)

**S:** !

**H:** Scottish collections in wet mixed woodland soil and probably  
growing from partially buried wood.

The printed CBIB book (2005) included this species under *P.*  
*turficola*. The accompanying information should be replaced  
with this entry now that there is DNA evidence for its Scottish  
presence. Two sequenced (Soler *et al.* & Univ. of  
Aberystwyth) collections (2022 and 2025) in K from Moray  
(School Wood) were determined by comparing their ITS  
sequences (up to 99.2% similarity) with those presented and  
discussed in Borovička *et al.* [*Persoonia* 34: 1-9 (2015)].  
Further nomenclatural discussion is provided in Borovička *et al.*  
[*Persoonia* 34: 1-9 (2015)] and further details of British  
collections are in Kibby *et al.* [FM26(4): 129-131 (2025)].

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

**E:** !

**H:** English collection on pony dung in grassland.

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

**Psilocybe medullosa** (Bres.) Borovička, *C.C.H.* 84(4): 114  
(2007)

*Naucoria medullosa* Bres., *Fung. trident.* 2(11-13): 53 (1898)

**E:** !

**H:** In sandy soil with needle litter under *Pinus* sp.

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

**Psilocybe turficola** J. Favre

This name cannot be used because it is a *nom. inval.* (the protologue lacks a Latin description). See *P. fuscofulva*.

**PULVERULINA** Matheny & K.W. Hughes, in Matheny, Hughes, Kalichman, Lebeuf & Petersen, *Southeastern Naturalist* 19(3): 452 (2020)

Type: *Pulverulina ulmicola* (H.E. Bigelow) Matheny & K.W. Hughes, in Matheny, Hughes, Kalichman, Lebeuf & Petersen, *Southeastern Naturalist* 19(3): 452 (2020)

**praticola** (Kuyper, Arnolds & P.-J. Keizer) Chalange & P.-A. Moreau, *Bull. Soc. mycol. Fr.* 139: 89 (2023)

**E: !**

**H:** On grassy bank.

A collection (2001) in K from Oxfordshire (Harberton) determined by comparing its ITS sequence (A.M. Ainsworth, A. Dombrowski, R. Woods) with that generated from the epitype (99.7% similarity). An agaric in *Porothelaeaceae*.

**Ramaria atractospora** Franchi & M. Marchetti, *Index Fungorum* 457: 4 (2020)

**E: ! W: !**

**H:** In soil in broadleaved woodland, e.g. with *Castanea* and *Fagus*.

Six collections (1983-2013) in K from Breconshire (Cwm Clydach), Mid-west Yorkshire (Fountains Abbey), West Gloucestershire (Forest of Dean), West Kent (Mereworth Woods) and West Lancashire (Gait Barrows), originally determined as *R. aurea*, redetermined as this based on a comparison of their ITS sequences with that of the holotype. All historical collections filed under *R. aurea* should be viewed with caution and re-examination/sequencing is now required to check their determinations. Further details of the two Gloucestershire collections are in Mattock *et al.* [FM23(2): 48-49 (2022)].

**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 indeterminate 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. griseolilacina** 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 asperulospora** (G.F. Atk.) Corner, *Monograph of Clavaria and allied Genera*, (Annals of Botany Memoirs No. 1): 638 (1950)

Currently accepted name for the species treated under *Clavaria asperulisporea* G.F. Atk. in the online CBIB. Note that Atkinson originally used the spelling *asperulosporea* which was later "corrected" by Saccardo and adopted in IF/SF and CBIB. This correction is now regarded as erroneous (S.R. Pennycook) and the epithet reverts to its original spelling as shown in Corner's recombination above and in IF/SF.

**Ramariopsis asperulospora** (G.F. Atk.) Corner  
Revert to *Clavaria* (q.v.).

**Ramariopsis avellaneo-inversa** R.H. Petersen, *Bull. N.Z. Dept. Sci. Industr. Res., Pl. Dis. Div.* 236: 135 (1988)

**W:** !

**H:** In grassland soil.

Detected at 29 out of 30 grassland sites sampled in an e-DNA soil analysis (Aberystwyth Univ.) carried out in 2022 across Monmouthshire and documented in Dunkelmann [FM24(3): 96-98 (2023)].

**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 luteonana** (Schild) Olariaga, in Olariaga & Salcedo *Mycotaxon* 121: 39 (2013) [2012]

Name changed from *Clavulinopsis luteonana*. Fide Olariaga [The order Cantharellales in the Iberian Peninsula and the Balearic Islands PhD Thesis (2009)], *Clavulinopsis luteonana* var. *tenuipes* is not valid because the holotype comprises "two gatherings".

**Ramariopsis luteo-ochracea** (Cavara) R.H. Petersen, *Mycologia* 58(2): 205 (1966)

Name changed from *Clavulinopsis luteo-ochracea*.

**Ramariopsis robusta** Matouš & Holec, in Matouš, Holec & Koukol, *Czech Mycol.* 69(1): 54 (2017)

**W:** !

**H:** Welsh collection on soil.

New record. A recently described species resembling a robust *R. kunzei* based on a morphological and molecular study which included GenBank sequence EF535269 derived from a Welsh collection (previously identified as *R. tenuiramosa*).

**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]

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

**E:** !

**H:** On dead wood. English collections on damp sawn log of *Salix* sp.

New record. New species described from two collections (2009, 2012) from a single site in South Hampshire (Linwood Reserve).

**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 alboniger** (Pat.) Singer

Name changed (for European material determined as this) to *R. europaeus* (q.v.).

**Resupinatus applicatus** (Batsch) Gray

Move all names based on *Agaricus striatulus* from synonymy to 'excluded' list. No known evidence to support the inclusion of *Resupinatus striatulus* in the neotypified sense (Consiglio & Setti, 2018).

**Resupinatus europaeus** Consiglio & Setti, *Monogr. Pag. Micol.*, Gen. *Hohenbuehelia Resupinatus* Europa (Vicenza): 301 (2018)

Name changed from *R. alboniger* for European material following Consiglio & Setti's (2018) monograph.

**Resupinatus kavinae** (Pilát) M.M. Moser

Note correction to the epithet spelling from "*kavinil*" (it was named to honour Prof. Karel Kavina). Verified as British sensu Consiglio & Setti (2018) based on matching a barcode sequence (K. Liimatainen, unpubl.) from a single 2017 collection at K from Surrey (Kew Gardens). Earlier collections named as this should be treated with caution and re-examined, if possible, to check their determinations.

**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]

**RHEUBARBARIBOLETUS** Vizzini, Simonini & Gelardi, in Vizzini, *Index Fungorum* 244: 1 (2015)

Type: *Rheubarbariboleetus armeniacus* (Qué.) Vizzini, Simonini & Gelardi

The following species is now moved from *Boletus*.

**armeniacus** (Qué.) Vizzini, Simonini & Gelardi, in Vizzini, *Index Fungorum* 244: 1 (2015)

Molecular evidence is still required to confirm presence of this species.

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

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

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

Name changed from *Phanerochaete radicata*.

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

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

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

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

**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]

**Rhizopogon pseudoroseolus** A.H. Sm., *Mem. N. Y. bot. Gdn* 14(2): 89 (1966)

**W:** !

**H:** In soil under *Pinus* sp. planted on coal spoil.

A collection (2016) in K from S. Wales determined as this based on a comparison of its ITS sequence (A.Yu. Biketova) with those of three paratypes published in Martín & García [*Mycotaxon* 109: 111-128 (2009)].

**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]:

**asema** (Fr.) Bendiksen & Dima, in Dima et al., *Sydowia* 73: 329 (2021)

Move from synonymy of *R. butyracea* (as forma *asema*) and restore the original CBIB entry. This was originally recognised as a distinct taxon (at varietal rank) in the printed book (2005) and noted as being more frequent than var. *butyracea*, but it was subsequently excluded as a distinct taxon and incorporated in the synonymy of *R. butyracea* (and reduced to a forma) in UD5 in 2011. The taxonomy now follows Dima et al. [*Sydowia* 73: 271-340 (2021)] who include soil-DNA-based evidence that this species is present in Britain, at least sensu Dima & Bendiksen (2021) and sensu Antonín & Noordeloos [A monograph of marasmioid and collybioid fungi in Europe, IHW-Verlag (2010)].

**butyracea** (Bull.) Lennox, *Mycotaxon* 9: 218 (1979)  
Name changed from *Collybia butyracea*. [UD5]

**filamentosa** (Velen.) Antonín, *Čas. morav. Mus. Brne, Vědy Přírodní* 71(1-2): 91 (1986)

**S:** !

**H:** Scottish collection on sandy soil under *Pinus sylvestris*. A collection (2020) from Easternness (The Queen's Forest), determined as this by G.G. Kibby.

**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]

**Rhodocybe asanii** Sesli & Vizzini, *Turkish Journal of Botany* 41(2): 202 (2017)

**E:** !

**H:** On soil with needle litter of *Picea*.

A collection (2020) from East Sussex (Tilgate Park), determined as this based on a comparison of its ITS sequence with that of the holotype (N. Aplin).

**Rhodocybe asyae** Sesli & Vizzini, *Turkish Journal of Botany* 41(2): 205 (2017)

**E:** !

**H:** On soil of a grassy verge under *Pinus*.

A collection (2019) from East Sussex (Tilgate Park), determined as this based on a comparison of its ITS sequence with that of the holotype and published with a photograph in Aplin [*Adastra 2019* (Sussex Biodiversity Record Centre): 5 (2020)].

**Rhodocybe fumanellii** Ferrari, Vizzini & Fellin, in Vizzini, Ferrari, Ercole & Fellin, *MycoKeys* 36: 26 (2018)

**E:** !

**H:** On decomposing log pile in broadleaved woodland.

A collection in K (2020) from Buckinghamshire (Rushbeds Wood), determined as this based on a comparison of its ITS sequence with that of the holotype (P. Cullington, E. Janke, B. Douglas) and illustrated in Cullington [*BMS Newsletter* 2021(1): 5-6].

**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]

**Ripartites metrodii** Huijsman

**S:** !

**H:** Scottish collection in soil in coniferous plantation.

Remove from synonymy of *R. tricholoma* to head a separate entry. A collection (2024) from Mid Perthshire (Craigvean Forest) determined as this, at least sensu Kekki (e.g. OR486187) and Osmundson et al. (JF908748), by comparing its ITS sequence (IBERS, Aberystwyth) with those uploaded to GenBank by Kekki and Osmundson et al. For further details see Krivtsov & Harries [FM26(2): 48-52 (2025)].

**Ripartites tricholoma** (Alb. & Schwein.) P. Karst.

Remove *R. metrodii* (q.v.) from synonymy and recognise as a distinct species.

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

Type: *Roridomyces roridus* (Fr.) Rexer

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

Name changed from *Mycena rorida*.

**Rozites caperatus** (Pers.) P. Karst

Name change to *Cortinarius caperatus* (q.v.). [UD2]

**Rubinoboletus rubinus** (W.G. Sm.) Pilát & Dermek  
Relegate to the synonymy of *Chalciporus rubinus* (q.v.).

**RUBROBOLETUS** Kuan Zhao & Zhu L.  
Yang, *Phytotaxa* 188(2): 67 (2014)

Type: *Rubroboletus sinicus* (W.F. Chiu) Kuan Zhao & Zhu L. Yang

The following species are now moved from *Boletus*.

**legaliae** (Pilát & Dermek) Della Magg. & Trassin., *Index Fungorum* 246: 1 (2015)

**rhodoxanthus** (Krombh.) Kuan Zhao & Zhu L.  
Yang, *Phytotaxa* 188(2): 70 (2014)

**satanas** (Lenz) Kuan Zhao & Zhu L. Yang, *Phytotaxa* 188(2): 70 (2014)

**RUGOSOMYCES** Raithelth., *Metrodiana* 8(1): 10 (1979)

Type: *Rugosomyces onychinus* (Fr.) Raithelth. [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]

**chrysenron** (Bull.) Bon, *Doc. Mycol.* 21(82): 65 (1991)  
Name changed from *Calocybe chrysenron*. [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.) Raithelth., *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 ambusta** De Lange, Adamčík & F. Hampe, in De Lange, Adamčík, Adamčíkova, Asselman, Borovička, Delgat, Hampe & Verbeken, *IMA Fungus* 12(no. 20): 14 (2021)

**S:** !

**H:** Scottish collection on soil under *Pinus*.  
A Scottish collection (2025) from Morayshire (Nethy Bridge) determined/confirmed on morphological evidence by G.G. Kibby/F. Hampe.

**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 annae** Sarnari, *Micol. Veg. Medit.* 6(2): 120 (1991)

**E:** !

**H:** English collection on soil near *Quercus cerris*.  
A collection (2019) from South Hampshire (Hursley Park), which was sequenced by E. Janke *et al.* as MW487955 (originally labelled in GenBank as *R. odorata*), was re-analysed (F. Hampe, comm. G.G. Kibby) and the sequence was found to match that derived from the holotype of *R. annae*, hence the collection is redetermined and GenBank has been updated accordingly.

**Russula anthracina** Romagn.

Move *R. fuliginosa* from 'excluded' list to the synonymy of this species following De Lange *et al.* [*Persoonia* 51: 152-193 (2023)]. Remove *R. anthracina* var. *carneifolia* (nom. inval.) from synonymy as De Lange *et al.* (2023) have shown that this taxon should now be recognised as *R. atramentosa* Sarnari (not currently on the British list).

**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 arvernensis** Bidaud & Chalange, *Bull. Soc. mycol. Fr.* 138(1-2): 13 (2022)

**S:** !

**H:** Scottish collection on soil under *Betula* and *Populus tremula*. A collection (2023) from Morayshire (Beachen Wood) determined on morphological characters and barcode matching (99+% similarity) with a sequence derived from the holotype (C.V. Soler, G.G. Kibby, Aberystwyth University IBERS). Further details in Tortelli *et al.* [FM25(1): 8-14 (2024)].

**Russula atroglauca** Einhell.

**E:** !

**H:** On soil with broadleaved trees.

Move from 'excluded' list. Collections (1997 & 2014) at K from Cumberland (Keswick) and Middlesex (Kenwood). [This entry was originally in UD6 but was erroneously omitted from the online searchable database.]

**Russula aurantioflammans** Ruots., Sarnari & Vauras, in Sarnari, *Monografia Illustrata del Genere Russula in Europa* 1: 717 (1998)

**S:** !

**H:** Scottish collection on soil near *Populus tremula* and *Betula*. A collection (2022) in K from Morayshire (Beachen Wood) determined as this based on morphological characters and barcode matching with vouchers so labelled in GenBank (Alvalab, M. Tortelli & G.G. Kibby). Documented in Tortelli *et al.* [FM23(4): 127-133 (2022)].

**Russula aurora** Krombh.

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

**Russula blumiana** Bon, *Cryptog. Mycol.* 7(4): 299 (1986)

**E:** !

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

A collection from South Essex (Theydon Bois) determined by morphological analysis and barcode matching (>99.8% similarity) with sequences of this sensu Caboň *et al.* [*Plant Systematics and Evolution* 304(6): 747-756 (2018)]. Although their attempts to sequence Bon's type material failed, these authors did sequence a modern topotype and authentic material of this species collected by Blum, the author of *R. formosa*, its original, but illegitimate, name. Further details in Kibby [FM25 (4): 111-112 (2024)].

**Russula camarophylla** Romagn., *Bull. mens. Soc. linn. Lyon* 37: 105 (1967)

**E:** !

**H:** English collection on soil in mixed woodland.

A collection (2021) in K from East Cornwall (Lanhydrock) determined as this based on morphological characters, documented in Penna & Kibby [FM23(1): 20-21 (2022)] and subsequently confirmed (as *R. camarophylla* sensu Eberhardt, Buyck & Moreau) by sequencing and barcode matching (A.Yu. Biketova, A.M. Ainsworth).

**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 felleaeicolor** 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 flavispora** Romagn., *Russules d'Europe Afr. Nord* (Bordas): 235 (1967)

**E:** !

**H:** English collection on soil in broadleaved woodland.

A collection (2022) in K from Surrey (White Downs) determined as this based on morphological characters (G.G. Kibby).

**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 grisescens** (Bon & Gaugué) Marti, *Docums Mycol.* 14(no. 53): 57 (1984)

**E:** !

**H:** English collection on mossy (*Polytrichum*) soil near *Betula*.

New record. A collection (2016) at K from Surrey (Lower Puttenham Common) confirmed by G.G. Kibby. Further details in Overall [FM18(2): 68–69 (2017)].

**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 lapponica** H. Kaufm. & Weholt, in Noffsinger *et al. Mycologia* 116(2): 332 (2024)

**S:** !

**H:** Scottish collections on soil near *Pinus sylvestris* or in mixed woodland with *P. sylvestris*, *Betula* and *Salix*.

Two collections (2019 and 2021) from South Aberdeenshire (Glen Tanar and the Forest of Birse) and determined by barcode matching with a sequence derived from the holotype. Further details in Baker *et al.* [FM25(2): 64–66 (2024)].

**Russula lepida** Fr.

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

**Russula 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 mustelina** Fr.

Move to 'excluded' list because the two British collections (ex Herb.M.J. Berkeley 1877) so-named in K and collected in Buckinghamshire (Slough), an unlikely locality for a species associated with montane conifers, were redetermined as *R. heterophylla* following morphological examination (G.G. Kibby).

**Russula nitida** (Pers.) Fr.

*Russula sphagnophila* Kauffman

Delete "sensu Rea [TBMS 17: 45 (1932)], sensu auct. mult." from the synonym *R. sphagnophila* and replace with "Kauffman". *R. sphagnophila* sensu Rea is *R. nitida*. The name *R. sphagnophila* was formerly used as the head of an entry due to misapplication of the name in the sense of Romagnesi. That entry is now headed by *R. robertii* (q.v.). This synonymy follows Sarn2 and further details are in Kibby [FM22(4): 111–112 (2021)].

**Russula nuoljae** Kühner, *Bull. trimest. Soc. mycol. Fr.* 91(3): 388 (1975)

**S:** !

**H:** Scottish collections on soil near *Betula*.

A collection (2020) in K from Easternness (Abernethy) determined as this based on matching its barcode ITS with those of vouchers so labelled in GenBank (Alvalab, M. Tortelli). However, there is an earlier Scottish record supported by a sequenced specimen and documented in Adamčík *et al.* [*Mycologia* 108(4): 716–730 (2017)].

**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 recondita** Melera & Ostellari, in Melera, Ostellari, Roemer, Avis, Tonolla, Barja & Narduzzi-Wicht, *Mycol. Progr.*: 10.1007/s11557-016-1256-y, [12] (2016)

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

**H:** On soil and, in Britain, usually associated with *Quercus* or *Tilia* but also detected in an ectomycorrhizal root of *Pinus sylvestris*.

A collection (2020) in K from East Norfolk (Norwich), originally determined as *Megacollybia platyphylla* was redetermined as this based on a comparison (99.9% match) of its ITS sequence

with that of the holotype and with other conspecific sequences of UK origin (England, Scotland) in the UNITE database (R. Wright). Kibby [FM19(3): 75-76 (2018)] stated that this species is "quite common" in Britain, however it should be noted that historical records were probably filed under *Russula praetervisa* or *R. pectinatoides*.

**Russula rhodomelanea** Sarnari, *Rivista Micol.* 36(1): 53 (1993)

*Russula mairei* var. *rhodomelanea* (Sarnari)

Reumaux, in Reumaux & Moëne-Loccoz, *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 robertii** J. Blum, *Bull. trimest. Soc. mycol. Fr.* 69: 443 (1954)

Mis.: *R. sphagnophila* sensu Romagnesi *et al.*

This name to head the entry formerly headed by *R.*

*sphagnophila*. The latter is now moved to the synonymy of *R.*

*nitida* following Sarn2 and further details are in Kibby

[FM22(4): 111-112 (2021)].

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

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

**Russula roseicolor** J. Blum, *Bull. trimest. Soc. mycol. Fr.* 68(2): 246 (1952)

**E**: !

**H**: English collection on soil near *Quercus*.

New record. A collection (2017) at K from East Kent (Hamstreet Woods).

**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 sublevispora** (Romagn.) Kühner & Romagn., in Romagnesi, *Russules d'Europe Afr. Nord*, Essai sur la Valeur Taxinomique et Spécifique des Caractères des Spores et des Revêtements: 299 (1967)

**E**: !

**H**: English collection on soil near *Quercus*.

New record. A collection (2016) at K from Oxfordshire

(Checkendon) confirmed by F. Hampe. Further details in Tortelli [FM19(2): 44-46 (2018)].

**Russula tinctipes** J. Blum ex Bon, *Cryptog. Mycol.* 7(4): 308 (1986)

**E**: !

**H**: English collection on soil near *Quercus*.

New record. A collection (2017) at K from East Kent (Dering Wood) confirmed by W. Jurkeit. Further details in Tortelli & Pitt [FM19(1): 29-30 (2018)].

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

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

**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]**

**Russula violaceoincarnata** Knudsen & T.

Borgen, *Persoonia* 14(4): 509 (1992)

**S**: !

**H**: On soil near *Betula* sp. along a grassy forest path.

A collection (2019) from Easternness or Moray (Abernethy Forest), determined as this based on a comparison of its ITS sequence with those obtained by Finnish authors (R. Wright) and documented in Tortelli [FM21(4): 126-128 (2020)].

**SAGARANELLA** V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 418 (2015) [2014]

Type: *Sagaranelia tylicolor* (Fr.) V. Hofst., Cléménçon, Moncalvo & Redhead

The following changes from *Tephroclybe* are required following a six-gene phylogenetic analysis [Hofstetter *et al.*, *Cryptog. Mycol.* 35(4): 399-425 (2015)]:

**gibberosa** (Jul. Schäff.) V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 419 (2015) [2014]

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

**H**: In coniferous litter, nitrophilous.

Move *Tephroclybe gibberosa*, *Lyophyllum gibberosum* and *Collybia gibberosa* from the synonymy of *T. ambusta* (now recognised as *Lyophyllum ambustum*) to the synonymy of this new entry. This was recognised as a British species and one which was distinct from *T. ambusta* (post NCL) by Orton [*Notes R. bot. Gdn Edinb.* 29(1): 76 (1969)], a distinction supported by Hofstetter *et al.* [*Cryptog. Mycol.* 35(4): 399-425 (2015)]. Orton stated that this differed from *T. ambusta* i.a. in not necessarily being associated with burnt ground. A 2001 collection at E from Peeblesshire (Dawyck), an Orton (1967) collection from Mid Perthshire (Camghouran) and two collections (1975 & 1991) at K from Warwickshire (Sutton Coldfield).

**tylicolor** (Fr.) V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 419 (2015) [2014]

*Sagaranelia tesquorum* (Fr.) V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 419 (2015) [2014]

**Sarcodon glaucopus** Maas Geest. & Nannf.

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

**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). See below.

**Sarcodon ioeides** (Pass.) Bataille

Name changed to *Hydnellum ioeides* (q.v.).

**Sarcodon regalis** Maas Geest.

Move to synonymy of entry headed by *Hydnellum lepidum* (q.v.).

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

*Hydnum scabrosus* Fr., *Sverig Atl. Svamp.*: 62 (1836)

Mis.: *Sarcodon glaucopus* sensu BritChant.

**E:** ? **S:** o

**H:** With *Pinus sylvestris* in Scottish pinewoods.

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

Restricted to pinewoods in Scotland and probably not an English species. However, many existing collections and unvouchered records are from southern England and associated with *Fagaceae*. These are likely to be *Hydnellum fagiscabrosus* (q.v.).

Replace existing entry with the above.

Name changed to *Hydnellum scabrosus* (q.v.).

**Sarcodontia crocea** (Schwein.) Kotl.

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

**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]

**Scleroderma australe** Massee, *Grevillea* 18(no. 86): 26 (1889)

**E:** !

**H:** Detected in isolated ectomycorrhizal root tips of planted *Eucalyptus* spp. (imported from Spain as seedlings).

One of the barcode sequences derived from root tip collections (2010) from Nottinghamshire (Daneshill Energy Forest) documented in Pennington *et al.* [*Fungal Ecology* 4: 299-302 (2011)] was subsequently determined following the molecular analysis of Ortiz-Rivero *et al.* [*Phytotaxa* 510(1): 1-17 (2021)].

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

**E:** !

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

**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]

**Serpula pulverulenta** (Sowerby) Bondartsev

**E:** ! (oak-associated collections)

**H:** On rotten coniferous timber in buildings and a characteristic but rare species of brown-rotted heartwood of ancient *Quercus* trunks and main branches.

Move from list of aliens (UD4) where it was placed because it was formerly regarded as "restricted to conifer timber in buildings" and delete **Notes**. Now known to be present in ancient oak woodlands in England with collections in K (2004 onwards) from Berkshire (Windsor Great Park), Buckinghamshire (Burnham Beeches), North Somerset (Ashton Court Estate), Oxfordshire (Blenheim Estate) and South Essex (Epping Forest). These collections were determined based on morphological characters (A.M. Ainsworth) and two (Blenheim and Epping) were confirmed based on matching their ITS barcodes with those derived from collections made on decaying coniferous timber (A.Yu. Biketova & K. Liimatainen). Further details in Ainsworth & Liimatainen [FM23(2): 57-62 (2022)]. Move to *Meruliporia* if *Serpula* segregates are preferred.

**SERTULICIUM** Spirin, Volobuev & K.H. Larss., in Spirin, Volobuev, Viner, Miettinen, Vlasák, Schoutteten, Motato-Vásquez, Kotiranta, Hernawati & Larsson, *Mycol. Progr.* 20(4): 460 (2021)

Type: *Sertulicium niveocreum* (Höhn. & Litsch.) Spirin & K.H. Larss.

**granuliferum** (Hallenb.) Spirin & Volobuev, in Spirin, Volobuev, Viner, Miettinen, Vlasák, Schoutteten, Motato-Vásquez, Kotiranta, Hernawati & Larsson, *Mycol. Progr.* 20(4): 461 (2021)

**E:** !

**H:** English collection on dead wood of *Corylus*.

A collection (2020) from South Hampshire (Crab Wood) determined as this based on its morphology and on a comparison of its ITS sequence (E. Janke) with that of the holotype of *Sistotremastrum guttuliferum*, which was placed in the synonymy of *Sertulicium granuliferum* in Spirin *et al.* [*Mycol. Progr.* 20(4): 453-476 (2021)].

**niveocreum** (Höhn. & Litsch.) Spirin & K.H. Larss., in Spirin, Volobuev, Viner, Miettinen, Vlasák, Schoutteten, Motato-Vásquez, Kotiranta, Hernawati & Larsson, *Mycol. Progr.* 20(4): 466 (2021)

*Sistotremastrum niveocreum* (Höhn. & Litsch.) J. Erikss. New heading for entry currently headed by *Sistotremastrum niveocreum* (which now becomes a synonym) following the molecular studies of Spirin *et al.* [*Mycol. Progr.* 20(4): 453-476 (2021)].

**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]

**rheophyllus** (Bertault & Malençon) G. Moreno & Kreisler  
Name changed to *Descolea tenuipes* (q.v.) based on molecular studies [Kuhar *et al.*, *Fungal Biology* 121: 876–889 (2017)].  
*Setchelliogaster* becomes a synonym of *Descolea* (q.v.).

**SETICYPHELLA** Agerer, *Mitt. Bot. Staatssamml. München* 19: 282 (1983)

Type: *Seticypella tenuispora* Agerer, *Mitt. bot. Staatssamml. München* 19: 290 (1983)

**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]

**tenuispora** Agerer  
Move to 'excluded' list (q.v.).

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

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

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

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

**Simocybe rhabarbarina** L. Poli, Musumeci & P. Alvarado, *Boll. Assoc. Micol. Ecol. Romana* 96: 23 (2015)

**O:** Channel Isles: !

**H:** On fallen branch of *Salix cinerea* agg. in streamside swamp. A collection (2014) in K from Jersey (Vingtaine du Coin Motier), originally determined as *Pleuroflammula* cf. *ragazziana*, redetermined as this based on a comparison of its ITS sequence (RBGK/Smithsonian Institution's NMNH) with that of a paratype and a comparison of its morphology with the description in the protologue (A.M. Ainsworth).

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

Type: *Singerocybe viscida* Harmaja

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

Name changed from *Clitocybe phaeophthalma*.

**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]

**Sistotrema porulosum** Hallenb., *Mycotaxon* 21: 407 (1984)

**E:** !

**H:** English collection on decaying hardwood.

New record. A collection (2016) at K from South Hampshire (Spearywell Wood).

**Skeletocutis vulgaris** (Fr.) Niemelä & Y.C. Dai

Name changed to *Sidera vulgaris* (q.v.).

**SOMION** Adans., *Familles des plantes* 2: 5. 1763.

Type: *Hydnum occarium* Batsch

**ocarium** (Batsch) Spirin & Miettinen, in Miettinen, Vlasák, Larsson, Vlasák, Sathiya Seelan, Hernawati, Levicky, Larsson & Spirin, *Fungal Systematics and Evolution* 12: 311 (2023)  
Mis.: *Spongipellis delectans* s. auct. Eur.

*Spongipellis delectans* (now *Somion delectans*) is a North American species with a European sibling *S. occarium*. Hence the latter name should now head the CBIB entry formerly headed by *S. delectans*. This name change follows the molecular analyses of Miettinen *et al.* [*Fungal Systematics and Evolution* 12: 271–322 (2023)] who published a photograph of a Surrey collection in K that they redetermined (without sequencing data) as *S. occarium*.

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

Name change to *Gyroflexus brevibasidiatus* (q.v.). [UD2]

**SPHAGNURUS** Redhead & V. Hofst., in Redhead, *Index Fungorum* 202: 1 (2014)

Type: *Sphagnurus paluster* (Peck) Redhead & V. Hofst.

The following change from *Tephroclybe* is required following a six-gene phylogenetic analysis [Hofstetter *et al.*, *Cryptog. Mycol.* 35(4): 399–425 (2015)]:

**paluster** (Peck) Redhead & V. Hofst., in Redhead, *Index Fungorum* 202: 1 (2014)

Name changed from *Tephroclybe palustris*.

**Squamanita contortipes** (A.H. Sm. & D.E. Stuntz) Heinem. & Thoen

Move to 'excluded' list as a synonym of *Dissoderma contortipes* (q.v.) and remove *S. scotica* from synonymy. This species is now regarded as a North American taxon. Its European counterpart, originally given the invalid name *S. scotica*, is now recognised as *D. galerinicola* (q.v.) following Saar *et al.* [*Mycologia* 114(4): 769–797 (2022)]. Delete **Habitat** and **Distribution** data and **Notes**.

**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]

**Squamanita odorata** (Cool) Imbach

Move to synonymy of *Dissoderma odoratum* (q.v.).

**Squamanita paradoxa** (A.H. Sm. & Singer) Bas  
Move to synonymy of *Dissoderma paradoxum* (q.v.).

**Squamanita pearsonii** Bas

Move to synonymy of *Dissoderma pearsonii* (q.v.).

**Stereopsis hiscens** (Berk. & Ravenel) D.A. Reid, *Beih. Nova Hedwigia* 18: 298 (1965)

*Thelephora hiscens* 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]

**semiglobata** (Batsch) Quél.

*Coprinus semiglobatus* (Batsch) Gray, *Nat. arr. Brit. pl.* 1: 632 (1821)

Add *Coprinus semiglobatus* to synonymy. [UD4]

**Stypella dubia** (Bourdot & Galzin) P. Roberts

See comments under *Protomerulius*.

## STYPELLOPSIS Spirin & Malysheva, in Spirin, Malysheva, Haelewaters & Larsson, Antonie van Leeuwenhoek 112(5): 762 (2018)

Type: *Stypellopsis hyperborea* Spirin & Malysheva

**hyperborea** Spirin & Malysheva, in Spirin, Malysheva, Haelewaters & Larsson, *Antonie van Leeuwenhoek* 112(5): 762 (2018)

**E:** !

**H:** English collection on fallen trunk of *Pinus sylvestris*.

A collection at K (2019) from South Hampshire (New Forest) confirmed as this by V. Spirin.

**Subulicystidium perlongisporum** Boidin & Gilles, *Bull. trimest. Soc. mycol. Fr.* 104(3): 197 (1988)

**W:** !

**H:** Welsh collection on underside of fallen leaves of *Olearia* sp. New record. A collection (2015) at K from Anglesey (Plâs Cadnant).

## SUILLELLUS Murrill, *Mycologia* 1(1): 16 (1909)

Type: *Suillellus luridus* (Schaeff.) Murrill

The following species are now moved from *Boletus*.

**luridus** (Schaeff.) Murrill, *Mycologia* 1(1): 17 (1909)

**mendax** (Simonini & Vizzini) Vizzini, Simonini & Gelardi, in Vizzini, *Index Fungorum* 188: 1 (2014)

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

**queletii** (Schulzer) Vizzini, Simonini & Gelardi, in Vizzini, *Index Fungorum* 188: 1 (2014)

*Boletus erythropus* Pers. (1796)

*Neoboletus erythropus* (Pers.) C. Hahn

See comments re synonymy and typification under *Boletus erythropus*.

**Tausonia pullulans** (Lindner) Xin Zhan Liu, F.Y. Bai, M. Groenew. & Boekhout, in Liu, Wang, Göker, Groenewald, Kachalkin, Lumbsch, Millanes, Wedin, Yurkov, Boekhout & Bai, *Stud. Mycol.* 81: 116 (2015)

**E:** ! **ROI:** !

**H:** English collection cultured from a heartwood core sample removed from a standing *Quercus*.

A collection of this basidiomycetous yeast (2021) in K from West Gloucestershire (Siston) which was genome-sequenced by the Darwin Tree of Life Consortium and documented in Wright *et al.* (2024) doi:10.12688/wellcomeopenres.23350.1. There is also a collection from Ireland preserved in Herb. IMI.

## TEPHROCYBE Donk

The following changes are required in accordance with molecular data in Hofstetter *et al.* [*Cryptog. Mycol.* 35(4): 399-425 (2015)]

**ambusta** (Fr.) Donk

Move *Lyophyllum ambustum* from synonymy to head this entry.

Move *T. gibberosa*, *Lyophyllum gibberosum* and *Collybia gibberosa* from the synonymy of this to the synonymy of *Sagaranelia gibberosa* (q.v.) and delete second sentence of

**Notes.**

**anthracophila** (Lasch) P.D. Orton

Move to synonymy of *Lyophyllum anthracophilum* (q.v.).

**atrata** (Fr.) Donk

Move *Lyophyllum atratum* from synonymy to head this entry.

**boudieri** (Kühner & Romagn.) Derbsch

Name changed to *Myochromella boudieri* (q.v.).

**inolens** (Fr.) M.M. Moser

Name changed to *Myochromella inolens* (q.v.).

**palustris** (Peck) Donk

Name changed to *Sphagnurus paluster* (q.v.).

**tylicolor** (Fr.) M.M. Moser

Name changed to *Sagaranelia tylicolor* (q.v.).

**Thanatephorus cucumeris** (A.B. Frank) Donk

*Sclerotium tuliparum* Kleb. (anam.) [*nom. illegit.*, non *S. tuliparum* Schldtl. (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]

**Thaxterogaster glaucocyanopus** (Rob. Henry) Niskanen &

Liimat., in Liimatainen, Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity*: 10.1007/s13225-022-00499-9, [72] (2022)

**S:** !

**H:** Scottish collection on soil under *Betula* in mixed woodland.

A collection (2023) from Easterness (Loch Insh) determined following barcode matching (99.8% similarity) with a sequence derived from the holotype (M. Tortelli, A. Burnham, C.V. Soler, G.G. Kibby, Aberystwyth University IBERS). Further details in Tortelli *et al.* [FM25(1): 8-14 (2024)].

**Thaxterogaster monaensis** Liimat., Danhao Wang & Niskanen, in Liimatainen, Wang, Savage, Niskanen & Kytövuori, *Index Fungorum* 524: 2 (2022)

**W:** !

**H:** In soil in mixed woodland.

Described with a sequenced Welsh holotype, now in K, collected in 2014 from Anglesey (Cae-brÿch).

**Thaxterogaster reginae** Niskanen, Liimat., Kytöv. & Danhao

Wang, in Liimatainen, Wang, Savage, Niskanen & Kytövuori, *Index Fungorum* 524: 1 (2022)

**E:** !

**H:** In calcareous soil associated with *Fagus sylvatica*.

Described with a sequenced English paratype, now in K, collected in 2018 from Buckinghamshire (Pullingshill Wood).

**Thaxterogaster subpurpurascens** (Batsch) Niskanen &

Liimat., in Liimatainen, Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity*: 10.1007/s13225-022-00499-9, [77] (2022)

**E:** !

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

Move from 'excluded' list (as *Cortinarius subpurpurascens*). A collection (2022) in K from Buckinghamshire (Mousells Wood) determined by comparing its ITS sequence (Alvalab, K. Liimatainen) with that of the epitype as documented in Anon. [FM24(2): 68 (2023)].

**Thaxterogaster ultimus** Liimat., Danhao Wang, D. Savage & Niskanen, in Liimatainen, Wang, Savage, Niskanen & Kytövuori, *Index Fungorum* 524: 1 (2022)

**S:** !

**H:** In soil associated with *Picea*.

Described with a sequenced Scottish holotype, now in K, collected in 2020 from Caithness (Loch Eileanach Plantation).

**Thaxterogaster vespertinus** (Fr.) Niskanen & Liimat., in Liimatainen, Kim, Pokorny, Kirk, Dentinger & Niskanen, *Fungal Diversity*. 10.1007/s13225-022-00499-9, [78] (2022)

**S:** !

**H:** Scottish collection in soil under *Pinus sylvestris*, *Betula*, and *Picea*.

Move from 'excluded' list (as *Cortinarius vespertinus*) and delete existing **Notes**. A collection (2023) from Easternness (Duackbridge) determined on its distinctive morphology (subglobose spores) and by comparing its ITS sequence (M. Tortelli, A. Burnham, C.V. Soler, G.G. Kibby, Aberystwyth University IBERS) with that of the holotype of *C. variipes* (98.7%). *C. vespertinus* is currently in need of a sequenced type, but it is accepted, at least sensu auct., as providing an earlier name for this species in Liimatainen *et al.* [*Persoonia* 33: 98-140 (2014)]. Further details in Tortelli *et al.* [FM25(1): 8-14 (2024)].

**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:** Kõljalg: 154-157

New Record. Recent material (2005 & 2006) at K from Surrey. **[UD2]**

**Tomentella botryoides** (Schwein.) Bourdot & Galzin

**W:** !

**H:** Welsh collection under a rotten log of broadleaved tree in mixed woodland.

Move from 'excluded' list. A collection (2021) from Merionethshire (Portmeirion) determined as this [sensu Svantesson *et al.* (2021)] by comparing its ITS sequence (Alvalab) with those of reference materials published in Svantesson *et al.* [*Phytotaxa* 497(2): 61-78 (2021)].

**Tomentella bryophila** (Pers.) M.J. Larsen

*Zygodemus fulvus* Sacc., *Michelia* 2: 147 (1880)

Add *Zygodemus fulvus*, listed as British by Wakefield & Bisby (1942), to synonymy [see Larsen *Mycol. Mem.* 4: 51 (1974)]. **[UD3]**

**Tomentella galzinii** Bourdot, in Bourdot & Galzin, *Bull. trimest. Soc. mycol. Fr.* 40(2): 143 (1924)

**W:** !

**H:** Welsh collection on dead wood.

A collection (2017) at K from Anglesey (Coed Mor).

**Tomentella lapidum** (Pers.) Stalpers

Remove *Rhinotrichum ramosossum* from synonymy.

**Tomentella punicea** (Alb. & Schwein.) J. Schröt.

*Sporotrichum fuscum* Link, *Mag. Neuesten Entdeck.*

*Gesamnten Naturk. Ges. Naturf. Freunde Berlin* 3: 12 (1809)

Add *Sporotrichum fuscum* to synonymy *vide* 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** Fr.

*Lenzites* Fr.

Add to synonymy.

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

Name changed from *Lenzites betulinus*.

**gallica** (Fr.) Ryvarden

Name changed from *Corioloopsis gallica*.

**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]**

**trogii** Berk.

**E:** !

**H:** English collection on dead wood of *Populus*.

Move from 'excluded' list. A collection (2017) at K from Middlesex (Ashford) determined as this and confirmed by sequencing (K. Liimatainen unpubl.). Further details in Overall [FM19(2): 50-51 (2018)].

**Trametopsis cervina** (Schwein.) Tomšovský, *Czech Mycol.* 60(1): 7 (2008)

*Antrodia pseudosinuosa* A. Henrici & Ryvarden

**E:** !

**H:** On decayed wood of broadleaved trees including *Aesculus*, *Betula*, *Fagus* (most records) and *Ulmus*.

Include *Antrodia pseudosinuosa* in synonymy based on molecular analysis of a holotype-derived sequence [Henrici *et al.*, FM19(4): 116-118 (2018)]. A few records known from southern England. All records made before 2018 were originally assigned to *A. pseudosinuosa*.

**TRECHINOTHUS** E.C. Martini & Trichiès,  
*Mycotaxon* 90(2): 262 (2004)

Type: *Trechinothus smardae* (Pilát) E.C. Martini & Trichiès

**smardae** (Pilát) E.C. Martini & Trichiès, *Mycotaxon* 90(2): 262 (2004)

**E:** !

**H:** English collection on fallen wood of *Fraxinus*.

New record. A collection (2017) at K from South Hampshire (Crab Wood). Further details in Lucas & Rogerson [FM19(2): 47-49 (2018)].

**TRECHISPORA** P. Karst.

*Fibriciellum* J. Erikss. & Ryvarden

Add to synonymy.

**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]**

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

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

**subspaerospora** (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 aspicillae** Diederich, Coppins & A. Fletcher, in Diederich, Millanes & Etayo, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 138 (2022)

**W:** !

**H:** Welsh collection on thallus of *Aspicilia caesiocinerea*. Described with a Welsh holotype from Caernarvonshire (Bardsey Island) in Herb. LSR.

**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 candelariellae** Diederich & Etayo, in Diederich, *Bibliothca Lichenol.* 61: 52 (1996)

**E:** !

**H:** On *Candelariella vitellina*.

A collection (2010) at E from East Norfolk.

**Tremella cladoniae** Diederich & M.S. Christ., in Diederich, *Bibliothca Lichenol.* 61: 65 (1996)

**W:** !

**H:** Welsh collections in thallus of *Cladonia coniocraea*. Collections from Cardiganshire and Merionethshire fide Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**Tremella conidiopunctelia** Diederich, Millanes, Lendemer, D.P. Waters & Giavarini, in Diederich, Millanes & Etayo, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 157 (2022)

**E:** !

**H:** On corticolous thalli of *Punctelia* species.

Described with English paratypes from South Hampshire (New Forest). A *Tremella* species in which basidia and basidiospores are absent and replaced in the hymenium by conidiophores, conidiogenous cells and conidia.

**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 *Gyraria 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 imshaugiae** Diederich, Coppins, R.C. Harris, Millanes & Wedin, *Bull. Soc. Nat. luxemb.* 121: 242 (2020)

**S:** !

**H:** On thalli of *Imshaugia aleurites*.

Scottish holotype (2013) and paratype (1999) collections at E, respectively from Easterness (Glen Feshie) and South Aberdeen (valley of Allt na Claise Moire).

**Tremella macrobasidiata** J.C. Zamora, Pérez-Ort. & V.J. Rico, *Lichenologist* 43(5): 408 (2011)

**S:** !

**H:** On discoloured (orange brown to blackish) apothecia of *Lecanora chlarotera*.

A collection at E (2015) from East Lothian (The Brunt) and also reported from Moray (near Forres).

**Tremella mesenterica** Retz.

*Gyraria mesenterica* (Retz) Gray, *Nat. arr. Brit. pl.* 1: 593 (1821)

Add *Gyraria mesenterica* to synonymy. **[UD4]**

**Tremella nimisiana** Freire-Rallo, Diederich, Millanes & Wedin, *Lichenologist* 55(5): 231 (2023)

**E:** !

**H:** English collection in thallus of *Xanthocarpia fulva*. Collection from Northumberland determined based on host species and accepted in Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**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 occultixanthoriae** Diederich, Geyselings & Millanes, in Diederich, Millanes & Etayo, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 206 (2022)

**S:** !

**H:** Scottish collection on underside of lobes of *Xanthoria parietina*.

A collection (2024) in E from East Lothian (East Linton) determined by B.J. Coppins.

**Tremella parietinae** Freire-Rallo, Diederich, Millanes & Wedin, *Lichenologist* 55(5): 232 (2023)

?

**H:** In thallus of *Xanthoria parietina*.

Accepted in Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**Tremella parmeliarum** Diederich, *Bibliothca Lichenol.* 61: 125 (1996)

**ROI:** !

**H:** On lichen thallus.

A collection (2014) at E from West Cork (Glengarriff).

**Tremella pertusae** Diederich, Millanes, Brackel & Etayo, in Diederich, Millanes & Etayo, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 220 (2022)

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

**H:** In thallus of *Pertusaria pertusa*.

Collections from Dorset, West Sussex and Wester Ross fide Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**Tremella pusillae** Freire-Rallo, Diederich, Millanes & Wedin, *Lichenologist* 55(5): 234 (2023)

**S:** !

**H:** Scottish collection in thallus of *Calogaya pusilla*.

Collection from Kincardineshire determined based on host species and accepted in Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**Tremella ramalinae** Diederich, *Bibliothca 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 rhizocarpicola** Diederich, Millanes & Wedin, in Millanes, Diederich, Westberg, Knutsson & Wedin, *MycKeys* 8: 32 (2014)

**S:** !

**H:** Occurs in the hymenium of *Rhizocarpon lavatum*, usually with little external sign, but sometimes causing blackish swellings on the surface of the apothecia. Scottish collection on north-facing crags.

New record. A collection (2016) in E from Main Argyll (Meall Dearg) confirmed by P. Diederich.

**Tremella tubulosae** Diederich, Coppins, J.C. Zamora, Millanes & Wedin, *Bull. Soc. Nat. luxemb.* 121: 243 (2020)

**S:** !

**H:** On thalli of *Hypogymnia tubulosa* inducing gall formation. Scottish holotype (2008) and two paratype (1999) collections at E, respectively from South Aberdeen (Glen Fenzie), East Sutherland (Loch Fleet) and Moray (Culbin Forest).

**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.

**lutescens** (J. Erikss. & Ryvarden) K.H. Larss., Kotir. & Saaren., in Kotiranta, Larsson, Saarenoksa & Kulju, *Ann. bot. fenn.* 48(1): 42 (2011)

**E:** !

**H:** On fallen wood.

A collection (2024) in K from West Gloucestershire (Cannop Ponds) determined on morphological characters (A.R. Simpson).

**microspor** 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 bresadolianum** 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 bufonium** (Pers.) Gillet

Move to synonymy of *T. sulphureum* following Comandini et al. [*Mycol. Res.* 108 (10): 1162–1171 (2004)] and Heilmann-Clausen et al. [*Persoonia* 38: 38–57 (2017)].

**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 hemisulphureum** (Kühner) A. Riva ex Boffelli, in Boffelli, *Riv. Micol.* 59(3): 208 (2016)

*Tricholoma sulphureum* var. *hemisulphureum* Kühner, in Bon, *Mycol. helv.* 3(3): 325 (1989)

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

**H:** In grassland on calcareous soil, associated with *Helianthemum nummularium*.

Likely to be a common associate of *Helianthemum nummularium*. Raised from being recognised as a variety of *T. sulphureum* based on studies reported in Heilmann-Clausen et al. [*Persoonia* 38: 38–57 (2017)].

**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 quercetorum** Contu, *Micol. Veg. Medit.* 18(2): 94 (2004) [2003]

**E:** !

**H:** English collections on soil near *Quercus*.

Collections (2020) from East Sussex (Fairlight) and Surrey (Richmond Park), the former determined as this (sensu Heilmann-Clausen et al., 2017) based on 100% matching of its ITS sequence (N. Aplin) with that obtained from a collection so named from Portugal. For further details see Overall [FM22(1): 18–21 (2021)].

**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]

**Tricholoma sulphureum var. hemisulphureum** Kühner, in Bon, *Bull. trimest. Féd. Mycol. Dauphiné-Savoie* 28(no. 110): 15 (1988)

This is an invalid name which was validated in 1989. This entry should be deleted and replaced by that headed by *T. hemisulphureum* (q.v.).

**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 flammula** Métrod ex Holec, *J. National Mus. (Prague)*, Nat. Hist. Ser. 178: 8 (2009)

**ROI:** !

**H:** On partially buried twigs (?*Picea*) in riverbank woodland. A collection (2021) in K from Co. Cork (Ballyannan Woods) determined as this based on morphology (L. Kaposvári) and a comparison of its ITS sequence (A.Yu. Biketova, A.M. Ainsworth) with those published in Holec & Kolařík [*Mycological Progress* 10: 93-99 (2011)].

**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]

**TRUNCOSPORA** Pilát, *Sb. Nár. Mus. v Praze*, Rada B, Prír. Vedy 9(2): 108 (1953)

Type: *Truncospora ochroleuca* (Berk.) Pilát

**atlantica** Spirin & Vlasák, in Spirin, Kout & Vlasák, *Nova Hedwigia* 100(1-2): 166 (2014) [2015]

Mis.: *Perenniporia ochroleuca* sensu auct. Brit.

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

**H:** On dead attached and fallen wood of a wide range of broadleaved trees and shrubs, quite frequent in Cornwall and the Channel Isles, elsewhere usually found near the coast and perhaps restricted by winter temperatures.

Recorded along the west coast of Britain northwards to Pembrokeshire and along the south coast eastwards to East Sussex. Formerly recorded (since 1987) in Britain and the Ch. Is. as *Perenniporia ochroleuca*, a name now regarded as belonging to one or more non-European species in Spirin *et al.* [*Nova Hedwigia* 100(1-2): 159-175 (2014)]. A specimen in K from West Sussex (Mill Hill) was sequenced and its barcode matched that of the holotype (B. Douglas).

**Tubaria vinicolor** (Peck) Ammirati, Matheny & Vellinga, in Matheny, Vellinga, Bougher, Ceska, Moreau, Neves & Ammirati, *Mycologia* 99(4): 580 (2007)

*Naucoria vinicolor* Peck, *Bull. Torrey bot. Club* 36(6): 334 (1909)

**E:** !

**H:** On disturbed soil in gardens.

A collection (2001) in K from Surrey (Kew Gardens), originally determined as *Cortinarius anthracinus* which was redetermined based on a comparison of its ITS sequence (K. Liimatainen) with those of this taxon s. Matheny *et al.*, [*Mycologia* 99(4): 569-585 (2007)]. This is a saprotrophic species previously known from Western USA.

**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]

**Tubulicrinis strangulatus** K.H. Larss. & Hjortstam, in Hjortstam & Larsson, *Mycotaxon* 26: 438 (1986)

**S:** !

**H:** Scottish collection on fallen trunk of *Pinus sylvestris* in plantation.

A collection (2024) from Morayshire (Abernethy Forest) determined on morphological characters (E. Holden & A. Henrici).

**Tulostoma fimbriatum** Fr.

**E:** !

**H:** English collection in coastal dunes.

Move from 'excluded' list and replace **Notes** with: This species was excluded in 2016 as the 2011 collection from Cardiganshire (Ynyslas) documented in Hobart [FM13(3): 81-83 (2012)] was redetermined as *T. brumale* based on DNA barcode analysis (L.M. Suz unpubl.). Now there is a verified English collection (2017) at K from West Sussex (Climping Dunes West Beach) whose barcode sequence (K. Liimatainen unpubl.) matches that of the epitype sequenced in Jeppson *et al.* [*Mycokeys* 21: 33-88 (2017)].

**Tulostoma simulans** Lloyd, *The Tylostomae*: 18 (1906)

**E:** !

**H:** English collection in short, mossy turf on a sand bar.

An English collection (2003) at K from North Essex (Colne Point), previously identified as the closely related *T. brumale*, was redetermined as this based on a comparison of its ITS sequence (GenBank EU784434) in a Europe-wide, three-gene phylogenetic analysis [Jeppson *et al.*, *Mycokeys* 21: 33-88 (2017)]. It is widely distributed in Europe and historical collections currently identified as *T. brumale* require further morphological and molecular analysis to reveal the true distribution of *T. simulans* in Britain and Ireland.

**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]

**sclerotoides** (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]**

**Volvariella graminicola** F. Caball., Justo & C. Roqué, *Phytotaxa* 680 (1): 61 (2025)

**E:** !

**H:** On grassland soil.

Described with sequenced paratype collection (1997) in K from Oxfordshire (Little Wittenham), formerly determined as *V.aylorii*.

**Volvariella terrea** Musumeci & A. Riva, *Schweiz. Z. Pilzk.* 85(2): 68 (2007)

*Volvariella aethiops* A. Favre & Vialard, *Bull. Mycol. Bot. Dauphiné-Savoie* 47(184): 23 (2007)

Note the reversed synonymy due to the priority of *V. terrea* as pointed out in the monograph of Caballero *et al.* [*Phytotaxa* 680(1): 1-85 (2025)] which included sequenced British material.

**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]**

**Xenasmatella ardosiaci** (Bourdot & Galzin) Stalpers, *Stud. Mycol.* 40: 37 (1996)

**E:** !

**H:** English collection on fallen branch of *Salix*. A collection (2021) in K from Mid-west Yorkshire (Otley) determined as this based on morphological characters (A.R. Simpson).

**Xenasmatella wuliangshanensis** (C.L. Zhao) G. Gruhn & Trichies, in Gruhn, Gérard & Trichies, *Bull. Trimmest. Soc. Mycol. Fr.* 137(1-4): 40 (2021)

**E:** !

**H:** On wood. A collection (2024) from South Hampshire (Hinton Ampner) determined by comparing its ITS sequence (E. Janke) with that generated from the holotype (98.9% similarity).

**XEROCOMELLUS** Šutara, *Czech Mycol.* 60(1): 44 (2008)

Type: *Xerocomellus chrysenferon* (Bull.) Šutara

The following species are now moved from *Boletus*.

**chrysenferon** (Bull.) Šutara, *Czech Mycol.* 60(1): 49 (2008)

**cialpinus** (Simonini, H. Ladurner & Peintner) Klofac, *Österr. Z. Pilzk.* 20: 38 (2011)

**porosporus** (Imler ex Watling) Šutara, *Czech Mycol.* 60(1): 50 (2008)

**pruinatus** (Fr.) Šutara, *Czech Mycol.* 60(1): 50 (2008)

**ripariellus** (Redeuilh) Šutara, *Czech Mycol.* 60(1): 50 (2008)

**XEROCOMUS** Qué., in Mougeot & Ferry, *Fl. Vosges, Champ.*: 477 [109 repr.] (1887)

Type: *Xerocomus subtomentosus* (L.) Qué.

The following **includes** species are now moved from *Boletus*.

**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]**

**ferrugineus** (Schaeff.) Alessio, *Boletus Dill. ex L.* (Saronno): 282 (1985)

Move from synonymy of *Boletus ferrugineus* to head the entry. Note the correct (earlier) combining authority.

**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]**

**subtomentosus** (L.) Qué., in Mougeot & Ferry, *Fl. Vosges, Champ.*: 478 [110 repr.] (1887)

Move from synonymy of *B. subtomentosus* to head the entry. Note the correct (earlier) place and date of publication.

**Xeromphalina campanella** (Batsch) Kühner & Maire  
*Micromphale fragile* (Schaeff.) Gray, *Nat. arr. Brit. pl.* 1: 623 (1821)

Add *Micromphale fragile* to synonymy. **[UD4]**

**Xerula causei** Maire

Name changed to *Paraxerula causei* (q.v.).

**Xerula radicata** (Relhan) Dörfelt

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

**Xerula xeruloides** (Bon) Dörfelt

Name changed to *Hymenopellis xeruloides* (q.v.).

**XYLOBOLUS** P. Karst., *Meddn Soc. Fauna Flora fenn.* 6: 11 (1881)

Type: *Xylobolus frustulatus* (Pers.) P. Karst.

**subpileatus** (Berk. & M.A. Curtis) Boidin, *Revue Mycol.*, Paris 23(3): 341 (1958)

**E:** !

**H:** On well-rotted worked wood, probably coniferous, in woodland.

A collection (2021) in K from Hertfordshire (Oaklands) determined as this based on morphological evidence (K. Robinson & A. Henrici) and documented in Robinson [FM23(2): 62 (2022)].

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

Type: *Odontia quercina* Pers.

**asper** (Fr.) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 26: 34 (2009)

Name changed from *Hyphodontia aspera*. **Epithet corrected from *asperus*.**

**brevisetus** (P. Karst.) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 26: 35 (2009)

Name changed from *Hyphodontia breviseta*.

**crustosus** (Pers.) Chevall., *Fl. gén. env. Paris* (Paris) 1: 272 (1826)

Name changed from *Hyphodontia crustosa*.

**nespori** (Bres.) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 26: 38 (2009)

Name changed from *Hyphodontia nespori*.

**pruni** (Lasch) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 23: 100 (2007)

Name changed from *Hyphodontia pruni*.

**quercinus** (Pers.) Gray

Name changed from *Hyphodontia quercina*.

**rimosissimus** (Peck) Hjortstam & Ryvarden, *Syn. Fung.* (Oslo) 26: 39 (2009)

Name changed from *Hyphodontia rimosissima*.

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

Name changed from *Hyphodontia sambuci*.

**ZYZYGOMYCES** Diederich, Millanes & Wedin, in Diederich, Millanes, Flakus, Rodriguez-Flakus, Etayo & Wedin, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 86 (2022)

Type: *Zyzygomyces bachmannii* (Diederich & M.S. Christ.) Diederich & Millanes

**aiPOLIAE** Diederich, Millanes, F. Berger & Ertz, in Diederich, Millanes, Flakus, Rodriguez-Flakus, Etayo & Wedin, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 86 (2022)

**E:** ! **S:** ! **ROI:** !

**H:** On thalli and apothecia of *Physcia aiPOLIA*.

Described with paratypes from Co. Waterford (Ballymacart Bridge) in Herb. DBN and from Kintyre (Balnabraid Glen), Kirkcudbrightshire (Water of Ken Woods), North Devon (Arlington Court) and Westernness (Dun Bàn) in E.

**bachmannii** (Diederich & M.S. Christ.) Diederich & Millanes, in Diederich, Millanes, Flakus, Rodriguez-Flakus, Etayo & Wedin, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 88 (2022).  
Name change for *Syzygospora bachmannii*.

**physciacearum** (Diederich) Diederich, Millanes & Wedin, in Diederich, Millanes, Flakus, Rodriguez-Flakus, Etayo & Wedin, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 93 (2022).  
Name change for *Heterocephalacria physciacearum*.

**physconiae** Diederich, Millanes, Pinault & Brackel, in Diederich, Millanes, Flakus, Rodriguez-Flakus, Etayo & Wedin, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 96 (2022)

**E:** !

**H:** In thallus of *Physconia grisea*.

Present in southwest England fide Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

**polyblastidii** Diederich, Flakus, Etayo & Rodr. Flakus, in Diederich, Millanes, Flakus, Rodriguez-Flakus, Etayo & Wedin, in Diederich, Millanes, Wedin & Lawrey, *Flora of Lichenicolous Fungi*, Vol. 1 - Basidiomycota (Luxembourg): 98 (2022)

**E:** !

**H:** In thallus of *Heterodermia obscurata*.

Collections of this (sensu lato) from Devon and Somerset fide Cannon *et al.* [*Revisions of British and Irish Lichens* 54: 1-11 (2025)].

## **BASIDIOMYCOTA, PUCCINIOMYCOTINA (as UREDINIOMYCETES in the printed book 2005)**

**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]**

**BAUHINUS** R.T. Moore

Now relegated to the synonymy of *Microbotryum*. Hence the 15 species moved from *Ustilago* into, or initially assigned to, *Bauhinus* (all were listed with synonyms in *Microbotryum*) in CBIB Update 1 (**and in list below**) are now reclassified (see under *Microbotryum* for list). This change had already been made in the online database but not in the update compendia.

**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 kuehneanus* (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**]

**stygius** (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**]

**BOURDOTIGLOEA** Aime, in Aime, Urbina, Liber, Bonito & Oono, *Mycologia* 110(1): 144 (2018)  
Type: *Bourdotigloea vestita* (Bourdot & Galzin) Aime

**concisa** Spirin & G. Trichies, in Spirin, Malysheva, Trichies, Savchenko, Pöldmaa, Nordén, Miettinen & Larsson, *Fungal Systematics and Evolution* 2: 322 (2018)

**E: !**

**H:** English collection on fallen wood of *Fagus sylvatica*. Described with an English paratype collected in 1923 by Pearson from East Sussex (Buckhurst Park) and formerly determined by Bourdot as *Platygloea vestita*.

**vestita** (Bourdot & Galzin) Aime, in Aime, Urbina, Liber, Bonito & Oono, *Mycologia* 110(1): 144 (2018)  
Name changed from *Helicogloea vestita*. Molecular studies reported in Aime *et al.* [*Mycologia* 110(1): 136-146 (2018)] have shown that this species is not congeneric with the type of *Helicogloea*.

**CALYPTOSPORA** J.G. Kühn, *Hedwigia* 8(6): 81 (1869)  
Type: *Calyptospora goeppertiana* J.G. Kühn

**goeppertiana** J.G. Kühn  
*Pucciniastrum goeppertianum* (J.G. Kühn) Kleb.

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

**H:** I on living leaves of *Abies* spp. and III on *Vaccinium* spp. Moved from *Pucciniastrum goeppertianum* following Aime & McTaggart [*Fungal Systematics and Evolution* 7(1): 21-47 (2020)[2021]]. Note expanded host list and distribution following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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:** *Myc*19(2): 69-71

New record. Recent material (2003) at K from Norfolk. [**UD1**]

**CHIONOSPHAERA** D.E. Cox

The included lichenicolous species *C. coppinsii* and *C. lichenicola* have been shown not to be closely related to the generic type and both are now accommodated in the new genus *Crittendenia* (q.v.).

**Chrysomyxa ledi var. rhododendri** (DC.) Savile

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

Move *C. rhododendri* from synonymy to head this entry.

Taxonomy now follows **W&H**, Klenke & Scholler (2015) and Woods *et al.* (2024) who provide a long list of host plants.

**Chrysomyxa rhododendri** (DC.) de Bary

See above.

**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**]

**Coleosporium cacaliae** G.H. Otth.

**E: ! S: !**

**H:** II & III on living leaves of non-native *Cacalia* (now in *Parasenecio* and *Hasteola/Synosma*).

Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Cacalia*. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium calendulae** Speg., *Revista Argent. Bot.* 1(2-3): 103 (1925)

**E: ! S: !**

**H:** II & III on living leaves of non-native *Calendula officinalis*.

Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium campanulae** (Pers.) Tul.

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

**H:** II & III on living leaves of various wild and cultivated *Campanula* spp. and on introduced *Petromarula pinnata*.

Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Campanulaceae*. Note the corrected combining authority. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium euphrasiae** (Schumach.) G. Winter

*Coleosporium rhinanthacearum* (DC.) Lév.

*Uredo rhinanthacearum* DC.

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

**H:** II & III on living leaves of various species of *Bartsia*, *Euphrasia*, *Odontites*, *Parentucellia* and *Rhinanthus*.

Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Scrophulariaceae*. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium melampyri** (Rebent.) Tul.  
*Uredo melampyri* Rebent.

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

**H:** II & III on living leaves of various species of *Melampyrum*. Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Melampyrum*. Note the corrected combining authority. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium narcissi** Grove

**E: !**

**H:** II on living leaves of cultivated *Narcissus poeticus*. Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Narcissus*. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium petasitis** (DC.) Berk.

*Uredo petasitis* DC.

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

**H:** II & III on living leaves of various species of *Petasites*. Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Petasites*. Note the corrected combining authority. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium senecionis** (Schumach.) Rabenh.

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

**H:** II & III on living leaves of various species of *Senecio* and allied genera: *Glebionis* and *Ismelia* (= *Chrysanthemum*), *Delairea*, *Jacobaea*, *Kleinia* (= *Notonia*) and *Tephroses*. Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Senecio* and allies. Note the corrected authority. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium sonchi** (F. Strauss) Tul.

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

**H:** II & III on living leaves of various species of *Sonchus*. Remove this name from synonymy of *C. tussilaginis* which, sensu stricto, does not occur on *Sonchus*. Note the corrected authority. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Coleosporium tussilaginis** (Pers.) Tul., *Annls Sci. Nat., Bot.*, sér. 4 2: 136 (1854)

*Uredo tussilaginis* Pers.

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

This rust (note the corrected authority) was originally described on leaves of *Tussilago farfara* and we revert to this restricted concept following Klenke & Scholler (2015) and Woods *et al.* (2024). Also recorded on cultivated *Euryops acraeus*. Move *C. cacaliae*, *C. campanulae*, *C. euphrasiae*, *C. melampyri*, *C. narcissi*, *C. petasitis*, *C. senecionis* and *C. sonchi* from synonymy to head separate entries (q.v.).

**CRITTENDENIA** Diederich, Millanes, M. Westb., Etayo, J.C. Zamora & Wedin, in Millanes, Diederich, Westberg & Wedin, *Lichenologist* 53: 111 (2021)

Type: *Crittendenia coppinsii* (P. Roberts) Diederich, M. Westb., Millanes & Wedin

**absistentis** Diederich, Coppins & Millanes, in Diederich, Millanes, Etayo, van den Boom & Wedin, *Bryologist* 125(2): 263 (2022)

**S: !**

**H:** Dispersed over the thallus of *Bacidia absistens*. Sequenced holotype collection in E (2017) from Mid Ebudes (Ulva) and paratypes in E (2001) from West Ross (Beinn Eighe) and in PRA (2018) from Argyllshire (Glen Creran).

**coppinsii** (P. Roberts) Diederich, M. Westb., Millanes & Wedin in Millanes, Diederich, Westberg & Wedin, *Lichenologist* 53: 113 (2021)

Name changed from *Chionosphaera coppinsii*.

**lecidellae** Diederich, Etayo & Millanes, in Diederich, Millanes, Etayo, van den Boom & Wedin, *Bryologist* 125(2): 277 (2022)  
**S: !**

**H:** Dispersed over the thallus of *Lecidella elaeochroma*. Paratype collections in E (1983-2007) from Kintyre (Taynish), Sutherland (Bettyhill) and West Ross (Dundonnell).

**lichenicola** (Alstrup, B. Sutton & Tønsberg) Diederich, Millanes & Wedin in Millanes, Diederich, Westberg & Wedin, *Lichenologist* 53: 113 (2021)

Name changed from *Chionosphaera lichenicola*.

**Cronartium pini** (Willd.) Jørst., *Norsk. Acad. Oslo Math. Nat. Kl.* 10: 106 (1925)

*Endocronartium pini* (Willd.) Y. Hirats.

*Peridermium pini* (Willd.) J.C. Schmidt & Kunze

New heading for entry formerly headed by *E. pini* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Cumminsiella mirabilissima** (Peck) Nannf.

Remove *Puccinia mirabilissima* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**CYPHOBASIDIUM** Millanes, Diederich & Wedin, *Fungal Biology* 120(11): 1473 (2015) [2016]

Type: *Cyphobasidium hypogymniicola* (Diederich & Ahti) Millanes, Diederich & Wedin

**usneicola** (Diederich & Alstrup) Millanes, Diederich & Wedin, *Fungal Biology* 120(11): 1474 (2015) [2016]

**S: !**

**H:** On thalli of *Usnea*.

Reported in Diederich *et al.* 2022 [Flora of lichenicolous fungi vol. 1, *Basidiomycota*] from North Ebudes (Skye).

**DESMOSORUS** Ritschel, Oberw. & Berndt, *Mycol. Progr.* 4(4): 333 (2005)

Type: *Desmosorus oncidii* Ritschel, Oberw. & Berndt, *Mycol. Progr.* 4(4): 334 (2005)

**oncidii** Ritschel, Oberw. & Berndt

**E: ! S: !**

New heading for entry formerly headed by *Uredo oncidii* (which now becomes a synonym) following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Endocronartium pini** (Willd.) Y. Hirats.

See under *Cronartium pini*.

**Endophyllum centranthi-rubri** G. Poirault, *Bull. Soc. mycol.*

*Fr.* 18: xxxii (1902)

**E: !**

Collections on *Centranthus ruber* formerly identified as *Puccinia commutata* but lacking a telial stage. Taxonomy following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Endophyllum euphorbiae-characiatis** Liou, *Bull. trimest. Soc. mycol. Fr.* 45(1): 106 (1929)

**E: ! W: !**

**H:** 0 & I on living leaves of *Euphorbia characias*.

Documented (originally as *Melampsora*, in error) in Woods *et al.* (2024).

**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**Balkanica* 3: 72 (2006)**Microbotryales: Microbotryaceae**Type: *Haradaea duriaeana* (Tul. & C. Tul.) Denchev & H.D. Shin**HARADAEA** Denchev

Now relegated to the synonymy of *Microbotryum*. Hence the two species formerly assigned to this genus (see below) are now classified as *M. duriaeana* on *Cerastium* and *M. moenchiae-manticae* on *Moenchia*.

**duriaeana** (Tul. & C. Tul.) Denchev & H.D. Shin,*Mycologia Balkanica* 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.**Balkanica* 3(1): 72 (2006)**W:** !**H:** On *Moenchia erecta*.**D:** *Mycotaxon* 114: 228 (2010)

New record. Two collections (1997 &amp; 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]

**Helicogloea angustispora** L.S. Olive

Note the change of epithet spelling from that of the protologue (*angustispora*). It is clear from the protologue that the distinguishing character of this species is the narrow basidiospores and hence *angusti-* was intended. This qualifies as an orthographic/typographic error to be corrected [ICN Shenzhen Code Art. 60.1].

**Helicogloea farinacea** (Höhn.) D.P. RogersName changed to *Saccosoma farinaceum* (q.v.).**Helicogloea graminicola** (Bres.) G.E. Baker

Move to 'excluded' list. Following the description of *H. jozefii* (q.v.), all collections in K filed as *H. graminicola*, mostly from Kew Gardens, are now redetermined as that species.

**Helicogloea jozefii** Schoutteten & Verbeken, in Schoutteten, Roberts, Van de Put & Verbeken, *Cryptog. Mycol.* 39(3): 312 (2018)Mis.: *Helicogloea graminicola* sensu auct. Brit.

To head the entry formerly headed by *H. graminicola* (q.v.) which is now regarded as a name which has been historically misapplied within the CBIB area.

**Helicogloea pellucida** Spirin & V. Malysheva, in Spirin, Malysheva, Trichies, Savchenko, Pöldmaa, Nordén, Miettinen & Larsson, *Fungal Systematics and Evolution* 2: 334 (2018)**E:** !**H:** English collection on decorticated *Salix* log.

An English collection at K (2019) from Mid-west Yorkshire (Otley).

**Helicogloea vestita** (Bourdot & Galzin) P. RobertsName changed to *Bourdotiogloea vestita* (q.v.).**HETEROGASTRIDIDIUM** Oberw. & R. Bauer

Move from Subphylum Agaricomycotina.

**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) ArthurMis.: *Lecythea ruborum* sensu auct. Brit.Add Mis. to entry. *L. ruborum* is included as a synonym of *Phragmidium violaceum* in the printed Checklist. [UD5]**Melampsora epitea** Thüm.

Remove *M. euonymi-caprearum*, *M. laricis-epitea*, *M. orchidis-repentis* and *M. repentis* from synonymy (and *Euonymus*, *Larix* and orchids from host list and **Notes**) and recognise as distinct species (q.v.). Note that Klenke & Scholler (2015) recognise several segregates of *M. epitea* s.l. without defining *M. epitea* s.str. More recently, *M. epitea* was lecto- and epitypified (using a sequenced German collection on *Salix viminalis*) in Zhao *et al.* [*Mycologia* 109: 391-407 (2017)]. These authors documented several conspecific UK rust collections and provided a list of their *Salix* host taxa (alternate hosts not known). However, Woods *et al.* (2024) maintain the name *M. epitea* for collections found in England, Wales and Scotland on *Ophrys apifera*, *Ribes uva-crispa* and *Salix arbuscula* respectively. The name is maintained here based on Zhao *et al.* (2017), but further work is required.

**Melampsora euonymi-caprearum** Kleb.**E:** ! **S:** ! **W:** ! **I:** !

**H:** 0 & I on living leaves of *Euonymus* and II & III on *Salix*. Remove from synonymy of *M. epitea* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Melampsora euphorbiae** (Ficinus & C. Schub.) CastagneRemove *M. euphorbiae-dulcis* from synonymy (and *Euphorbia dulcis* from host list) and recognise as a distinct species (q.v.).**Melampsora euphorbiae-dulcis** G.H. Otth**E:** ! **W:** ! **I:** !

**H:** 0-III on living leaves of *Euphorbia dulcis* and *E. stricta*. Remove from synonymy of *M. euphorbiae* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Melampsora galanthi-fragilis** Kleb., in Pringsheim, *Jb. wiss. Bot.* 35: 671 (1901)**S:** !**H:** 0 & I on living leaves of *Galanthus nivalis*.Documented in Woods *et al.* (2024).**Melampsora laricis-epitea** Kleb.**E:** ! **S:** ! **W:** ! **I:** !

**H:** 0 & I on living leaves of *Larix* and II & III on *Salix*. Remove from synonymy of *M. epitea* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Melampsora laricis-tremulae** Kleb., *Forst. naturw.**Zeitschr.* 6: 470 (1897)**S:** !

**H:** 0 & I on living leaves of *Larix* and II & III (in Britain) on *Populus alba*.

A segregate of *M. populnea* s.l. (Klenke & Scholler 2015), formerly included (as *M. laricis* and *M. tremulae* f. *laricis*) in the synonymy of *M. populnea*. Documented in Britain in **W&H** and Woods *et al.* (2024).

**Melampsora lini var. liniperda**

See under *M. liniperda*.

**Melampsora liniperda** (Körn.) Palm

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

Move from synonymy of *M. lini* var. *liniperda* (which now becomes a synonym) to head the entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Melampsora magnusiana** G.H. Wagner, *Öst. bot. Z.* 46: 274 (1896)

**W: !**

**H:** 0 and/or I on living leaves of *Chelidonium majus* in Britain.

A segregate of *M. populnea* s.l. (Klenke & Scholler 2015) documented in Wales in Woods *et al.* (2024). The known alternate hosts are *Populus tremula* and allies.

**Melampsora pinitorqua** Rostr.

**E: ! S: !**

**H:** 0 & I on living leaves of *Pinus* and II & III on *Populus tremula*.

A segregate of *M. populnea* s.l. (Klenke & Scholler 2015) documented in England in **W&H** and in Wales in Woods *et al.* (2024).

**Melampsora populnea** (Pers.) P. Karst.

Remove *Caeoma mercurialis*, *M. laricis*, *M. pinitorqua*, *M. rostrupii* and *M. tremulae* f. *laricis* from synonymy (and *Larix* and *Mercurialis* from host list and **Notes**) and recognise as distinct species (q.v.). Note that Klenke & Scholler (2015) recognise several segregates of *M. populnea* s.l. without defining *M. populnea* s.str. Furthermore, the combination *M. populnea* is based on *Sclerotium populneum* Pers. which was originally described on leaves of *Populus nigra*. However, Woods *et al.* (2024) maintain the name *M. populnea* for a rust found in Wales and Scotland on *Populus × canescens*. The name is maintained here pending further clarification.

**Melampsora repentis** Plowr. Wagner

*Melampsora orchidis-repentis* Kleb.

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

**H:** 0 & I on living leaves of various *Orchidaceae* and II & III on *Salix repens*

Remove from synonymy of *M. epitea* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Melampsora reticulatae** A. Blytt

Move from synonymy of *M. epitea* var. *reticulatae* (which now becomes a synonym) to head the entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Melampsora ribis-viminalis** Kleb. [as '*ribesii-viminalis*']

Note corrected epithet.

**Melampsora rostrupii** G.H. Wagner

*Caeoma mercurialis* (H. Mart.) Link

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

**H:** 0 & I on living leaves of *Mercurialis* and II & III on *Populus tremula* and allies.

Remove from synonymy of *M. populnea* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Microbotryum anomalum** (J. Kunze ex G. Winter) Vánky

See notes under *Bauhinus*.

**Microbotryum bistortarum** (DC.) Vánky

See notes under *Bauhinus*.

**Microbotryum cordae** (Liro) G. Deml & Prillinger

See notes under *Bauhinus*.

**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 (Blaenbyderynuhaf). **[UD6]**

**Microbotryum duriaeanum** (Tul. & C. Tul.) Vánky

See notes under *Haradaea*.

**Microbotryum floscolorum** (DC.) Vánky

See notes under *Bauhinus*.

**Microbotryum intermedium** (J. Schröt.) Vánky

See notes under *Bauhinus*.

**Microbotryum kuehneanum** (R. Wolff) Vánky

See notes under *Bauhinus*.

**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 majus** (J. Schröt.) G. Deml & Oberw.

This name was corrected from *M. major* in FM22(4): 137 (2021) following Vanky, as a correctable orthographic error under the Code, to agree with the gender of the generic name.

**Microbotryum marginale** (DC.) Vánky

See notes under *Bauhinus*.

**Microbotryum moenchiae-manticae** (Lindtner) Denchev & H.D. Shin

See notes under *Haradaea*.

**Microbotryum parlatorei** (A.A. Fisch. Waldh.) Vánky

See notes under *Bauhinus*.

**Microbotryum pinguiculae** (Rostr.) Vánky, *Mycotaxon* 67: 48 (1998)

*Ustilago pinguiculae* Rostr., *Bot. Foren. Festschr. Kjøbenhavn* 30: 144 (1890)

**W: !**

**H:** Welsh collections in anthers of *Pinguicula vulgaris*.

Welsh collections from Breconshire (incl. Henallt Common), Cardiganshire, Merionethshire and Radnorshire (incl. Pentrosfa Mire) reported in Woods *et al.* (2018).

**Microbotryum pustulatum** (DC.) R. Bauer & Oberw.

See notes under *Bauhinus*.

**Microbotryum reticulatum** (Liro) R. Bauer & Oberw.

See notes under *Bauhinus*.

**Microbotryum saponariae** M. Lutz, Göker, M.

Piatek, 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 scabiosae** (Sowerby) G. Deml & Prillinger

See notes under *Bauhinus*.

**Microbotryum scorzonerae** (Alb. & Schwein.) G. Deml & Prillinger, in Prillinger, Deml, Dörfelt, Laaser & Lockau, *Bot. Acta* 104(1): 10 (1991)  
*Uredo tragopogonis* f. *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 stygium** (Liro) Vánky

See notes under *Bauhinus*.

**Microbotryum succisae** (Magnus) R. Bauer & Oberw.

See notes under *Bauhinus*.

**Microbotryum tragopogonis-pratensis** (Pers.) R. Bauer & Oberw.

See notes under *Bauhinus*.

**Microbotryum vinosum** (Tul. & C. Tul.) G. Deml & Prillinger

See notes under *Bauhinus*.

**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]**

**Miyagia pseudosphaeria** (Mont.) Jørst.

Remove *Puccinia pseudosphaeria* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Naiadella fluitans** Marvanová & Bandoni

Should be listed under the teleomorph name, *Classicula naiadella* (q.v.). **[UD1]**

**NOTHOPUCCINIASTRUM** P. Zhao and L. Cai, in Liu, Zhao, Cai, Shen, Wei, Na, Han, Wei, Ge, Ma, Karunarathna, Tibprommab, Zhang, Dai, Lin, Fan, Luo, Shen, Lu, Lu, Xu, Tohtirjap, Wu & Zhou, *Mycology*:

10.1080/21501203.2024.2316066, 45 (2024)

Type: *Nothopucciniastrum tiliae* (Miyabe) P. Zhao & L. Cai

**boehmeriae** (Dietel) P. Zhao & L. Cai, in Liu, Zhao, Cai, Shen, Wei, Na, Han, Wei, Ge, Ma, Karunarathna, Tibprommab, Zhang, Dai, Lin, Fan, Luo, Shen, Lu, Lu, Xu, Tohtirjap, Wu & Zhou, *Mycology*: 10.1080/21501203.2024.2316066, 46 (2024)

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

**H:** II on living leaves of *Soleirolia soleirolia*.

Documented as new in Preston *et al.* [FM24 (1): 13-17 (2023)], when it was undetermined, and in Woods *et al.* (2024), wherein it was assigned to *Pucciniastrum boehmeriae* agg. This name was recombined more recently in *Nothopucciniastrum* based on morphological and molecular analysis, but further taxonomic work is required to name this rust on *Soleirolia* which may be undescribed.

**Phragmidium mexicanum** (Mains) H.Y. Yun, Minnis & Aime, in Yun, Minnis, Kim, Castlebury & Aime, *Mycologia* 103(6): 1452 (2011)

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

**H:** II & III on living leaves of *Potentilla indica*.

Three collections (2024) in K from Surrey (Kew Gardens) determined on morphological characters (B.M. Spooner) and documented in Wales in Woods *et al.* (2024).

**Phragmidium mucronatum** (Pers.) Shtldl.

*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 abrupta var. parthenicola** (H.S. Jacks.)

Parmelee, *Can. J. Bot.* 45(12): 2293 (1968) [1967]

**E:** !

**H:** On *Parthenium hysterophorus*.

Documented in Woods *et al.* (2024).

**Puccinia absinthii** DC.

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

**H:** II & III on living leaves of *Artemisia abrotanum*, *A. absinthium* and *A. arborescens*.

Remove this (and its homotypic synonym) from synonymy of *P. tanacetii* which, sensu stricto, does not occur on *Artemisia*. Taxonomy now follows Klenke & Scholler (2015) and the treatment in Preston *et al.* [FM24(4): 128-136 (2023)] and Woods *et al.* (2024).

**Puccinia adoxae** R. Hedw.

Mis.: *Puccinia saxifragarum* sensu auct. Brit. p.p.

Add Mis. to entry. **[UD5]**

**Puccinia agropyri** Ellis & Everh.

**S:** !

**H:** II & III on living leaves of *Elymus caninus* var. *donianus*.

Remove from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia agropyrina** Erikss.

*Puccinia recondita* f.sp. *agropyrina* D.M. Hend.

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

**H:** II & III on living leaves of *Elymus* spp. and *Thinopyrum acutum*.

Remove from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia agrostidis** Plowr. (*nom. nud.*)

*Aecidium aquilegiae* Pers.

*Aecidium ranunculacearum* var. *aquilegiae* Cooke

*Puccinia recondita* f.sp. *agrostidis* D.M. Hend.

*Puccinia rubigo-vera* f.sp. *agrostidis* Mains

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

**H:** 0 & I on living leaves of *Aquilegia vulgaris* and II & III on *Agrostis* spp.

Remove from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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 allii** (DC.) F. Rudolphi

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

**H:** On living leaves of *Allium* spp., although records on *A. porrum* may require re-evaluation.

Remove from synonymy of *P. porri* and recognise as a distinct species following Woods *et al.* (2024). Note this is contrary to the taxonomy in Klenke & Scholler (2015) in which *P. porri* is relegated to the synonymy of *P. allii*.

**Puccinia ammophilina** (Kleb.) Mains, *Bull. Torrey bot. Club* 66: 617 (1939)

Remove this name from synonymy of *P. pygmaea* var. *ammophilina* to head this entry. The varietal name becomes a synonym. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia angelicae** (Schumach.) Fuckel

Remove *P. silai* from synonymy and recognise as a distinct species. Remove *Peucedanum palustre* (collections now assigned to *P. semadenii* q.v.) and *Silaum silaus* (collections now assigned to *P. silai* q.v.) from host list.

**Puccinia anthoxanthina** Gäum.

*Uredo anthoxanthina* Bubák

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

**H:** II & III on living leaves of *Anthoxanthum odoratum*.

Remove from synonymy of *P. brachypodii* var. *poae-nemoralis* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia arenariae** (Schumach.) G. Winter

Remove *P. herniariae* from synonymy and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia arenariicola** Plowr.

*Puccinia dioicae* var. *arenariicola* (Plowr.) D.M. Hend.

Move from synonymy of *P. dioicae* var. *arenariicola* to head this entry. Taxon not located in Woods *et al.* (2024).

**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 arrhenatheri** (Kleb.) Erikss.

*Puccinia perplexans* f. *arrhenatheri* Kleb.

*Puccinia brachypodii* var. *arrhenatheri*

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

**H:** II & III on living leaves of *Arrhenatherum elatius*.

Remove from synonymy of *P. brachypodii* var. *arrhenatheri* (q.v.) to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia artemisiae-maritimae** Fahrenh., *Annl.*

*mycol.* 39(2/3): 182 (1941)

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

**H:** II & III on living leaves of *Artemisia* (*Seriphidium*) *maritima*.

Formerly included in a wide interpretation of *P. tanacetii* which, sensu stricto, does not occur on *Artemisia*. Taxonomy now follows Klenke & Scholler (2015) and the treatment in Preston *et al.* [FM24(4): 128-136 (2023)] and Woods *et al.* (2024).

**Puccinia artemisiella** P. Syd. & Syd.

**E: ! S: ! W: ! O:** Channel Islands !

**H:** II & III on living leaves of *Artemisia vulgaris* and *A. arborescens*.

Remove from synonymy of *P. tanacetii* (along with its synonym *Uredo artemisiae*) which, sensu stricto, does not occur on *Artemisia*. Note that most of the historical British records of *P. tanacetii* (sensu lato) are associated with *A. vulgaris* and will therefore refer to this species. Taxonomy now follows Klenke & Scholler (2015) and the treatment in Preston *et al.* [FM24(4): 128-136 (2023)] and Woods *et al.* (2024).

**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. This species was noted for inclusion in update UD6 (2015) but, in error, was not incorporated in the online database.

**Puccinia asperulae-odoratae** Wurtz

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

**H:** 0, I, II & III on living leaves of *Galium odoratum*.

Remove from synonymy of *P. punctata* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia asteris** Duby

*Puccinia tripolii* Wallr.

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

**H:** British collections of III on living leaves of *Tripolium pannonicum* (*Aster tripolium*) and *Symphotrichum* (*Aster novi-belgii*).

Remove from synonymy of *P. cnici-oleracei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia bardanae** (Wallr.) Corda

*Puccinia inquinans* var. *bardanae* Wallr.

**E: !**

**H:** 0, I, II & III on living leaves of *Arctium* spp.

Remove from synonymy of *P. calcitrapae* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia biporospora** M. Scholler, in Klenke &

Scholler, *Pflanzenparasitische Kleinpilze: Bestimmungsbuch für Brand-, Rost-, Mehltau-, Flagellatenpilze ...*: 246 (2015)

*Puccinia urticata* var. *biporula* Zwetko

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

**H:** British collections of II and III on living leaves of *Carex pallescens* and *C. panicea*.

Recognise *P. urticata* var. *biporula* at specific rank following Klenke & Scholler (2015) and Woods *et al.* (2024). This is a replacement name for *P. urticata* var. *biporula* at specific rank since *P. biporula* J.W. Baxter already exists.

**Puccinia borealis** Juel

*Aecidium thalictri* Grev.

*P. recondita* f.sp. *borealis* D.M. Hend.

**S: !**

**H:** 0 & I on living leaves of *Thalictrum alpinum*.

Remove these names from synonymy of *P. recondita* which, sensu stricto, does not occur on *T. alpinum*. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia bornmuelleri** Magnus, *Verh. Kaiserl.-Königl. zool.-bot. Ges. Wien* 49: 94 (1899)

**E: !**

**H:** English collection on dying leaves and stems of cultivated *Levisticum officinale* in a private garden.

A collection (2024) of stages II and III in K from Huntingdonshire (Upwood) determined on morphological characters (S.E. Wells, A. Robins, B.M. Spooner & M. Parslow). Originally recorded in summer 2023.

**Puccinia brachypodii** var. *arrhenatheri* (Kleb.) Cummins & H.C. Greene

Remove *P. arrhenatheri* from synonymy to head this entry. The varietal name becomes a synonym. Remove *P. deschampsiae* and *P. airae* from synonymy (and *Deschampsia cespitosa* from host list) and recognise as a distinct species (q.v.)

**Puccinia brachypodii** var. *poae-nemoralis* (G.H. Otth)

Cummins & H.C. Greene

Remove *P. poae-nemoralis* from synonymy to head this entry.

The varietal name becomes a synonym. Remove *P. anthoxanthina* from synonymy (and *Anthoxanthum odoratum*

from host list) and *Uredo glyceriae* from synonymy (and *Puccinellia* spp. from host list) and recognise as distinct species (q.v.).

**Puccinia bromina** Erikss.

*Puccinia recondita* f.sp. *bromina* D.M. Hend.

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

**H:** II & III on living leaves of *Anisantha* spp., *Bromopsis* spp., *Bromus* spp. and *Ceratochloa carinata*.

Remove from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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 calcitrapae** DC.

*Puccinia centaureae* DC.

*Puccinia centaureae* f. *scabiosae* Hasler

*Puccinia calcitrapae* var. *centaureae* (DC.) Cummins

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

**H:** 0, I, II & III on living leaves of *Centaurea* spp.

Remove *P. bardanae* and *P. inquinans* var. *bardanae* from synonymy (and *Arctium* from host list), *P. cardui-pycnocephali* and *P. carduorum* from synonymy (and *Carduus* from host list), *P. carthami* from synonymy (and *Carthamus* from host list) and recognise as distinct species (q.v.).

Remove *P. carlinae* from synonymy (and *Carlina* from host list) and recognise as the distinct species *P. divergens* (q.v.). Klenke & Scholler (2015) recognised *P. calcitrapae* s.l. which comprised several taxa including *P. calcitrapae* var. *calcitrapae*, which is presumably their s.str. interpretation. Although the name *P. calcitrapae* dates from 1805 and is based on a collection on *Centaurea calcitrapa*, Klenke & Scholler (2015) regarded it as a synonym of *P. carduorum* (dating from 1899 and described on *Carduus*). However, Klenke & Scholler (2015) followed by Woods *et al.* (2024), then restricted *P. carduorum* to finds on *Carduus* spp. and apply the name *P. centaureae* (dating from 1815) to the only rust recorded on *Centaurea calcitrapa*. Pending further clarification of these issues, we retain *P. calcitrapae* for finds on *Centaurea* and recognise *P. centaureae* as a later synonym.

**Puccinia calcitrapae** DC.

Remove *P. cirsii* (q.v.) from synonymy (and *Cirsium* from host list) and recognise as a distinct species (*P. laschii* q.v.) following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia cardui-pycnocephali** P. Syd. & Syd.

?

**H:** On living leaves of *Carduus*.

Remove from synonymy of *P. calcitrapae* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024). The latter authors, however, regarded *Carduus acanthoides* as its only British host plant with *C. pycnocephalus* and *C. tenuiflorus* hosting *P. carduorum* as their only associated rust species. **W&H**, by contrast, thought that *C. tenuiflorus* was the only known British host for *P. cardui-pycnocephali* which they distinguished from *P. carduorum* on teliospore size and ornamentation. We recognise *P. cardui-pycnocephali* and *P. carduorum* as segregates of *P. calcitrapae* s.l. pending further clarification of host species and distinguishing characters.

**Puccinia carduorum** Jacky

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

**H:** On living leaves of *Carduus* spp. including *C. crispus* and *C. nutans*.

Remove from synonymy of *P. calcitrapae* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024). See notes under *P. cardui-pycnocephali*.

**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 caricina var. magnusii** (Kleb.) D.M. Hend.

Remove *P. magnusii* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia caricina var. pringsheimiana** (Kleb.) D.M. Hend.

Remove *P. pringsheimiana* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia caricina var. ribis-nigri-lasiocarpae** (Hasler) D.M. Hend.

Remove *P. ribis-nigri-lasiocarpae* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia caricina var. ribis-nigri-paniculatae** (Kleb.) D.M. Hend.

Remove *P. ribis-nigri-paniculatae* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia caricina var. ribis-pendulae** (Hasler) D.M. Hend. [as '*ribesii-pendulae*']

Remove *P. ribis-pendulae* (note corrected epithet) from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia celakovskyana** Bubák, *Sber. K. böhm. Ges. Wiss. Prag* 28: 11 (1898)

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

**H:** On living leaves of *Cruciata laevipes*.

Remove from synonymy of *P. galii-cruciatae* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia cerinthes-agropyrina** Tranzschel, *Trav. Mus. Bot. Acad. Sci. St.-Petersb.* 3: 51 (1907)

*Puccinia cerinthes-agropyrina* f.sp. *echii-agropyrina* Gäum. & Terrier

*Puccinia recondita* f.sp. *echii-agropyrina* (Gäum. & Terrier) D.M. Hend.

**E: !**

**H:** 0 & I on living leaves of *Cynoglossum* and *Echium*.

Remove the above synonyms from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024). **W&H** and Klenke & Scholler (2015) report that the alternate host is *Elymus*.

**Puccinia chrysanthemi** Roze, *Bull. Soc. mycol. Fr.* 16: 92 (1900)

*Uredo chrysanthemi* Roze, *Bull. Soc. mycol. Fr.* 16: 78 (1900)

**E: ! S: !**

**H:** II & III on living leaves of cultivated chrysanthemums (*Dendranthema*).

Remove this from synonymy of *P. tanacetii* which, sensu stricto, only occurs on *Tanacetum*. Recognition of this species thereby reinstates the taxonomic view of Grove (1913) and **W&H**.

**Puccinia cichorii** Bellynck ex J. Kickx f.

*Puccinia endiviae* Pass.

*Uredo cichorii* DC.

**E: ! W: !**

**H:** 0, I, II & III on living leaves of *Cichorium endivia* and *C. intybus*.

Remove from synonymy of *P. hieracii* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia cirsii** Lasch (*nom. illegit.*)

Remove from synonymy of *P. calcitrapae* and recognise as a distinct species under the replacement name *P. laschii* (q.v.).

**Puccinia cnici-oleracei** Pers.

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

**H:** On living leaves of *Carduus* and *Cirsium*.  
Remove *P. asteris* and *P. tripolii* from synonymy (and *Aster tripolium* from host list), *P. leucanthemi* (and *Leucanthemum* from host list) and *P. millefolii* (and *Achillea* from host list) and recognise as distinct species (q.v.). Remove *Glebionis* (*Chrysanthemum*) from host list. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia convolvuli** Castagne, *Observ. Ured.* 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 [*vide* Saccardo, *Syll. Fung.* 7: 623 (1888)]. [**UD4**]

**Puccinia coronata** Corda

Corda's species is now epitypified with sequenced material from *Calamagrostis* in Liu & Hambleton [*Mycol. Progress* 12: 63-89. (2013)]. These authors obtained DNA-based support for distinguishing the type var. and two f.spp. of var. *avenae*. They sequenced British representatives of all three taxa (see below). They also introduced several new segregate taxa (with epithets prefixed by *coronatae*-), one of which has a sequenced British paratype. Two others, not recognized as British in Liu & Hambleton (2013), were accepted as British in Woods *et al.* (2024) and the latter analysis (and their host lists and distribution data) is followed below. We have not attempted to re-allocate all the names formerly considered to be synonyms of *P. coronata* s.l. in CBIB (also see *P. gibberosa*). Further work is needed to understand all British and Irish components of this species complex and their host preferences.

**Puccinia coronata var. avenae f.sp. avenae** W.P. Fraser & Ledingham

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

**H:** 0 & I on living leaves of *Rhamnus cathartica* and II & III on a wide range of *Poaceae*.

Represented by a clade containing sequenced type material of *P. coronata* var. *avenae* in Liu & Hambleton [*Mycol. Progress* 12: 63-89. (2013)]. Their analysis included a sequenced collection (1988) in K from West Lancashire (Lancaster Canal towpath) on *Lolium* (*Festuca*, *Schedonorus*) *giganteum*.

**Puccinia coronata var. avenae f.sp. graminicola** Urban & Marková, *Acta Universitatis Carolinae* 37: 93-147 (1993)

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

**H:** 0 & I on living leaves of *Rhamnus cathartica* and II & III on *Arrhenatherum*, *Glyceria* and *Holcus*.

Represented by a clade containing sequenced collections (2000-2006) in K from Berkshire (Windsor Great Park), Middlesex (Perivale Wood), South Hampshire (Hockley Viaduct), South Somerset (Staple Common) and Surrey (Banstead Downs) in Liu & Hambleton [*Mycol. Progress* 12: 63-89. (2013)].

**Puccinia coronata var. coronata** Corda

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

**H:** British collections of 0 & I on living leaves of *Frangula alnus* and II & III on *Calamagrostis*.

Represented by a clade containing sequenced epitype material of *P. coronata* in Liu & Hambleton [*Mycol. Progress* 12: 63-89. (2013)]. Their analysis included a sequenced collection (1989) in K from Mid-west Yorkshire (Askham Bog) on *Frangula alnus*.

**Puccinia coronatae-agrostidis** M. Liu & Hambl. [as '*coronati-agrostidis*'], *Mycol. Progr.* 12(1): 83 (2012) [2013]

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

**H:** 0 & I on living leaves of *Rhamnus cathartica* and II & III on *Agrostis*.

Described with a sequenced paratype (2000) in K from Berkshire (Windsor Great Park).

**Puccinia coronatae-calamagrostidis** M. Liu & Hambl. [as '*coronati-calamagrostidis*'], *Mycol. Progr.* 12(1): 85 (2012) [2013]

*Puccinia coronata* var. *calamagrostis* W.P. Fraser & Ledingham

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

**H:** British II & III on *Bromus*, *Calamagrostis*, *Deschampsia* and *Trisetum*.

Documented in Woods *et al.* (2024).

**Puccinia coronatae-hordei** M. Liu & Hambl. [as '*coronati-hordei*'], *Mycol. Progr.* 12(1): 86 (2012) [2013]

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

**H:** British II & III on *Elymus repens*.

Documented in Woods *et al.* (2024).

**Puccinia deschampsiae** Arthur

*Puccinia airae* (Lagerh.) Mayor & Cruchet

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

**H:** II & III on living leaves of *Deschampsia cespitosa*.

Remove from synonymy of *P. brachypodii* var. *arrhenatheri* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia dioicae var. arenariicola** (Plowr.) D.M. Hend.

Raise to specific rank as *P. arenariicola* following Klenke & Scholler (2015). Taxon not located in Woods *et al.* (2024).

**Puccinia dioicae var. extensicola** (Plowr.) D.M. Hend.

Raise to specific rank as *P. extensicola* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia dioicae var. schoeleriana** (Plowr. & Magnus) D.M. Hend.

Raise to specific rank as *P. schoeleriana* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia dioicae var. silvatica** (J. Schröt.) D.M. Hend.

Raise to specific rank as *P. silvatica* following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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 divergens** Bubák, *Ber. dt. bot. Ges.* 25: 57 (1907)

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

**H:** On living leaves of *Carlina vulgaris*.

Recognised as a segregate of *P. carlinae* following Klenke & Scholler (2015) and Woods *et al.* (2024). Formerly included (as *P. carlinae*) within the synonymy of *P. calcitrapae* s.l.

**Puccinia extensicola** Plowr.

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

Move from synonymy of *P. dioicae* var. *extensicola* to head the entry. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia ferruginosa** P. Syd. & Syd., *Monogr.*

*Uredin.* (Lipsiae) 1(1): 13 (1902) [1904]

**E:** !

**H:** III on living leaves of *Artemisia vulgaris*.

Three collections (2022) from Cambridgeshire (Soham) determined as this based on morphology and a comparison of a derived ITS sequence with those generated from two German collections on the same host plant species which were used as reference material. Further details in Preston *et al.* [FM24(4): 128-136 (2023)].

**Puccinia galii-cruciatae** Duby

Remove *P. celakovskiyana* (q.v.) from synonymy and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia geranii-silvatici** P. Karst. [as '*geranii-silvatici*'], *Enum. Fungorum et Myxomycetum in Lappio orientali*. 220 (1866)

**S:** !

**H:** Scottish III on *Geranium sylvaticum*. Documented in Woods *et al.* (2024).

**Puccinia gibberosa** Lagerh., *Ber. dt. bot. Ges.* 6: 126 (1888)

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

**H:** British collections on *Festuca altissima* (= *Drymochloa sylvatica*).

Mentioned as doubtfully British in **W&H** (under *P. coronata*) but omitted from the printed CBIB in 2005. Documented in Woods *et al.* (2024).

**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 herniariae** Unger

**E: !**

**H:** III on living leaves of *Herniaria ciliolata*.

Remove from synonymy of *P. arenariae* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia heucherae** (Schwein.) Dietel

**E: ! W: !**

**H:** III on various *Heuchera* cultivars.

Move from 'included aliens' list and delete first sentence of

**Notes.** Documented in Woods *et al.* (2024).

**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 [*vide* Saccardo, *Syll. Fung.* 7: 633 (1888)]. **[UD4]**

**Puccinia hieracii** (Röhl.) H. Mart.

Remove *P. cichorii* from synonymy (and *Cichorium* spp. from host list), *P. jaceae* from synonymy (and *Centaurea nigra* from host list), *P. leontodontis* from synonymy (and *Leontodon* spp. from host list), *P. picridis* from synonymy (and *Picris hieracioides* from host list), *P. taraxaci* from synonymy (and *Taraxacum* spp. from host list) and *P. tinctoriae* and *P. tinctoriicola* (and *Serratula tinctoria* from host list) and recognise as distinct species (q.v.) following Klenke & Scholler (2015) and Woods *et al.* (2024). Remove *Hypochaeris maculata* from the host list (see *P. hypochaeridis*).

**Puccinia hieracii var. hypochaeridis** (Oudem.) Jørst.

Remove *P. hypochaeridis* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024). Add *Hypochaeris maculata* to the host list based on the latter work.

**Puccinia hieracii var. piloselloidearum** (Probst) Jørst.

Remove *P. piloselloidearum* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia holcicola** A.L. Guyot, *Uredineana* 3: 65 (1951)

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

**H:** II & III on *Holcus lanatus* and *H. mollis*.

Mentioned as British in **W&H** (under *P. recondita* f.sp. *holcina*) but omitted from the printed CBIB in 2005. Documented in Woods *et al.* (2024).

**Puccinia holcina** Erikss.

*Puccinia recondita* f.sp. *holcina* D.M. Hend.

*Puccinia rubigo-vera* f.sp. *holcina* Mains

**S: ! W: !**

**H:** II & III on living leaves of *Holcus lanatus*.

Remove from synonymy of *P. hordei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia hordei** G.H. Otth

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

**H:** 0 & I on living leaves of *Ornithogalum* spp. and II & III on *Hordeum* spp.

Remove *P. holcina* and its synonyms from synonymy (and *Holcus* spp. from host list), *P. loliina* (and *Lolium* spp. from host list), *P. triseti* and its synonyms (and *Trisetum flavescens* from host list) and *P. vulpiana* and *P. vulpiae-myuri* (and *Vulpia* spp. from host list) and recognise as distinct species (q.v.). Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024). The printed checklist (CBIB 2005) included *Lagurus* in the host list, however this genus is absent from Woods *et al.* (2024) indicating that further collections on this grass should be sought and investigated.

**Puccinia hypochaeridis** Oudem.

See *P. hieracii* var. *hypochaeridis*.

**Puccinia hysteriorum** (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 [*vide* Saccardo, *Syll. Fung.* 7: 668 (1888)]. **[UD4]**

**Puccinia impatientis** Ficus & C. Schub.

Move to synonymy of *P. argentata* (q.v.). **[UD6]**

**Puccinia jaceae** G.H. Otth

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

**H:** 0, I, II & III on living leaves of *Centaurea* spp.

Remove from synonymy of *P. hieracii* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia jueliana** Dietel

See *P. pазschkei* var. *jueliana*.

**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 laschii** Lagerh., *Tromsø Mus. Aarch.* 16-20: 63 (1895)

*Puccinia cirsii* Lasch (*nom. illegit.*)

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

**H:** 0, I, II & III on living leaves of *Cirsium* spp.

Remove from synonymy of *P. calcitrapae* (as *P. cirsii*) and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia leontodontis** Jacky

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

**H:** On living leaves of *Leontodon* spp. and *Scorzoneroideis* (*Leontodon*) *autumnalis*.

Remove from synonymy of *P. hieracii* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia leucanthemi** Pass.

**E:** !

**H:** British collections of III on living leaves of *Leucanthemum vulgare*.

Remove from synonymy of *P. cnici-oleracei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia loliicola** Vienn.-Bourg., *Revue de Pathologie Végétale et d'Entom. Agric. de France* 24: 78 (1937)

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

**H:** II & III on *Lolium* spp.

Documented in Woods *et al.* (2024).

**Puccinia loliina** Syd. & P. Syd.

**W:** !

**H:** II & III on living leaves of *Lolium* spp.

Remove from synonymy of *P. hordei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia magnusii** Kleb.

See *P. caricina* var. *magnusii*.

**Puccinia matricariae** Syd., *Annl. mycol.* 28(5/6): 430 (1930)

**W:** !

**H:** On *Matricaria discoidea*.

Documented in Woods *et al.* (2024).

**Puccinia menthae** Pers.

*Dicaeoma menthae* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)

Add *Dicaeoma menthae* to synonymy. [UD4]

**Puccinia millefolii** Fuckel

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

**H:** British collections of III on living leaves of *Achillea millefolium*.

Remove from synonymy of *P. cnici-oleracei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia mirabilissima** Peck

Remove from synonymy of *Cumminsia mirabilissima* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia mixta** Fuckel

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

**H:** British collections on living leaves of *Allium schoenoprasum*.

Remove from synonymy of *P. porri* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia moliniaie** Tul.

This was included in the printed book (2005) for a species with 0 & I on *Prunella vulgaris* but note that Klenke & Scholler (2015) only recognised *P. moliniaie* s.l. without defining *P. moliniaie* s.str. They do, however, recognise two segregate species. Woods *et al.* (2024) do not mention *P. moliniaie* but do recognise the two segregates, namely *P. prunellarum-moliniaie* (a correction of *brunellarum-moliniaie*) and *P. nemoralis* (the latter is already included in CBIB). The heading of this entry is therefore replaced with *P. prunellarum-moliniaie* (q.v.).

**Puccinia montana** Fuckel, *Jb. nassau. Ver. Naturk.* 27-28: 14 (1874) [1873-74]

**W:** !

**H:** On living leaves of *Centaurea montana*.

Documented in Woods *et al.* (2024).

**Puccinia nitidula** Tranzschel, *Mycotheca rossica* 3 & 4: no. 158 (1911)

**S:** !

**H:** 0 & I on living leaves of *Heracleum* sp.

Documented in Woods *et al.* (2024).

**Puccinia pазschkei** var. **jueliana** (Dietel) Savile

Remove *P. jueliana* from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia perplexans** Plowr.

*Puccinia recondita* f.sp. *perplexans* D.M. Hend.

*Puccinia rubigo-vera* f.sp. *perplexans* Mains

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

**H:** British collections of 0 & I on living leaves of *Ranunculus acris* and II & III on *Alopecurus* spp.

Remove from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia persistens** Plowr.

*Puccinia recondita* f.sp. *persistens* D.M. Hend.

*Aecidium hellebori* E. Fisch.

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

**H:** British collections of 0 & I on living leaves of *Helleborus viridis* and II & III on *Elymus* spp.

Remove from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia petasitis-pendulae** Gäum. [as '*petasiti-pendulae*'], *Ber. schweiz. bot. Ges.* 53A: 466 (1943)

**I:** !

**H:** II & III on living leaves of *Carex pendula*.

Documented in Woods *et al.* (2024).

**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 picridis** Hazsl.

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

**H:** On living leaves of *Picris hieracioides*.

Remove from synonymy of *P. hieracii* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia piloselloidearum** Probst

See *P. hieracii* var. *piloselloidearum*.

**Puccinia poae-nemoralis** G.H. Otth

*Puccinia brachypodii* var. *poae-nemoralis* (G.H. Otth) Cummins & H.C. Greene

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

**H:** II & III on living leaves of *Glyceria* spp., *Milium effusum*, *Pheum* spp. and *Poa* spp.

Remove from synonymy of *P. brachypodii* var. *poae-nemoralis* (q.v.) to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia polygони-amphibii** Pers.

*Dicaeoma persicariae* Gray [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 541 (1821)

Add *Dicaeoma persicariae*, described as a new name for *Puccinia polygони-amphibii*, to synonymy. [UD4]

**Puccinia polygони-amphibii** var. **convolvuli** Arthur

This is included in the printed book (CBIB 2005) with *P. polygони* listed as a synonym. By contrast, both are recognised as distinct taxa in the online database which does not accord with current opinion. Move *P. polygони* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia polygони-vivipari** P. Karst., *Enum. Fungorum et Myxomycetum in Lappio orientali*: 221 (1882)

**S:** !

**H:** II & III on living leaves of *Bistorta* (*Persicaria*, *Polygonum*) *vivipara*.

Remove from synonymy of *P. bistortae* and delete *Polygonum viviparum* from host list for that species. There are historical

records of *P. polygoni-vivipari* from (1938) Moray (Carrbridge) and (1968) East Perthshire (Kindrogan area) and collections in E (2007, 2008) from Mid Perthshire (Tulach Hill, Maud Loch) and (2009) East Perthshire (Loch Moraig) and collections in K (2023) from Moray (Sluggan Bridge) and Easternness (Tomnagowhan). Documented in <https://fungi.myspecies.info/all-fungi/puccinia-polygoni-vivipari>

**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 porri** (Sowerby) G. Winter  
*Uredo porri* Sowerby

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

**H:** On living leaves of *Allium* spp. including *A. porrum*. Remove *P. allii*, *P. mixta* and *Uromyces ambiguus* from synonymy and recognise as distinct species (q.v.) following Klenke & Scholler (2015, in part) and Woods *et al.* (2024).

**Puccinia praecox** (Bubák) Bubák, *Verh. nat. Ver. Brünn* 36: 123 (1898)

**E: ! W: !**

**H:** On living leaves of *Crepis biennis*. Documented in Woods *et al.* (2024).

**Puccinia pringsheimiana** Kleb.  
See *P. caricina* var. *pringsheimiana*.

**Puccinia prunellarum-moliniae** Cruchet [as '*brunellarum-moliniae*']  
Move from synonymy of *P. moliniae* p.p. to head the entry

**Puccinia pseudosphaeria** Mont.  
Remove from synonymy of *Miyagia pseudosphaeria* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia pseudostriformis** M. Abbasi, Hedjar. & M. Scholler, in Abbasi, Hedjaroude, Scholler & Goodwin, *Rostaniha* 5(2): 76 (2005) [2004]

**E: ! S: ! W: ! I: ! O:** Channel Islands !

**H:** British and Irish collections on living leaves of *Poa humilis* and *P. pratensis*. Documented in Woods *et al.* (2024).

**Puccinia ptarmicae** P. Karst., *Bidr. Känn. Finl. Nat. Folk* 31: 41 (1878)

**S: ! W: !**

**H:** III on living leaves of *Achillea ptarmica*. Documented in Woods *et al.* (2024).

**Puccinia ptarmicae-caricis** Zwetko, *Bibliothca Mycol.* 153: 113 (1993)  
?

**H:** On living leaves of *Carex disticha*. Documented in Woods *et al.* (2024).

**Puccinia punctata** Link  
Remove *P. asperulae-odoratae* from synonymy (and *Galium odoratum* from host list) and recognise as a distinct species (q.v.). Klenke & Scholler (2015) do not accept *Cruciata* as a host (reassigning collections to *P. celakovskiyana* or *P. gali-cruciatae*) in contrast to Woods *et al.* (2024). The latter authors retain *Cruciata laevipes* as a host for *P. punctata* and, in addition, recognise three f.spp. on *Galium*. We would delete *Cruciata* as a host, following Klenke & Scholler, but refrain from distinguishing a series of f.spp. pending further taxonomic studies.

**Puccinia pygmaea** var. **ammophilina** (Kleb.) Cummins & H.C. Greene  
Move to synonymy of *P. ammophilina* (q.v.).

**Puccinia recondita** Desm.

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

This rust was originally described on leaves of *Secale* and, reverting to a much more restricted concept and following Klenke & Scholler (2015) and Woods *et al.* (2024), this rare rust develops 0 and I stages on *Anchusa/Lycopsis* (*Boraginaceae*) only (delete all other hosts from list). Move *P. agropyri*, *P. agropyrina* (& *P. recondita* f.sp. *agropyrina*), *P. agrostidis* (& *Aecidium aquilegiae*, *A. ranunculacearum* var. *aquilegiae*, *P. recondita* f.sp. *agrostidis* & *P. rubigo-vera* f.sp. *agrostidis*), *P. borealis* (& *A. thalictri* & *P. recondita* f.sp. *borealis*), *P. bromina* (& *P. recondita* f.sp. *bromina*), *P. perplexans* (& *P. recondita* f.sp. *perplexans* & *P. rubigo-vera* f.sp. *perplexans*), *P. persistens* (& *P. recondita* f.sp. *persistens* & *A. hellebori*) and *P. triticina* (& *P. recondita* f.sp. *triticina*) from synonymy to head separate entries (q.v.). Move *P. recondita* f.sp. *echii-agropyrina* and *P. cerinthes-agropyrina* f.sp. *echii-agropyrina* to the synonymy of *P. cerinthes-agropyrina* (q.v.).

**Puccinia rhodiola** Berk. & Broome

**S: !**

**H:** III on living leaves of *Rhodiola* (*Sedum*) *rosea*. Remove from the synonymy of *P. umbilici* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia ribis** DC.

*Dicaeoma ribis* (DC.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)  
Add *Dicaeoma ribis* to synonymy. **[UD4]**

**Puccinia ribis-nigri-lasiocarpae** Hasler  
See *P. caricina* var. *ribis-nigri-lasiocarpae*.

**Puccinia ribis-nigri-paniculatae** Kleb.  
See *P. caricina* var. *ribis-nigri-paniculatae*.

**Puccinia ribis-pendulae** Hasler  
See *P. caricina* var. *ribis-pendulae*.

**Puccinia ruebsaamenii** Magnus  
Mis.: *Puccinia thymi* sensu auct. Brit.

**E: !**

**H:** A microcyclic rust forming witches' brooms with sori (III) on *Origanum vulgare*. British collections formerly misidentified as *P. thymi* on *Origanum*, but that rust (basionym *Aecidium thymi*) is not microcyclic and forms III spores on *Stipa*. Further taxonomic details in Braun & Klenke [*Schlechtendalia* 38: 169-171 (2021)]. Note that Woods *et al.* (2024) accept both *P. ruebsaamenii* and *P. thymi* for rusts found on *Origanum* in England.

**Puccinia saxifragae** Schltld.  
Remove *Heuchera* from host list (see *P. heucherae*).

**Puccinia schneideri** J. Schröt.  
*Puccinia caulicola* W.G. Schneid. (*nom. illegit.*)  
Mis.: *Puccinia thymi* sensu auct. Brit.

**E: ! S: ! W: ! O:** Isle of Man !

**H:** A microcyclic rust forming witches' brooms with sori (III) on *Thymus* spp. British collections formerly misidentified as *P. thymi*, but that rust (basionym *Aecidium thymi*) is not microcyclic and forms III spores on *Stipa*. Further taxonomic details in Braun & Klenke [*Schlechtendalia* 38: 169-171 (2021)].

**Puccinia schoeleriana** Plowr. & Magnus  
*Puccinia dioicae* var. *schoeleriana* (Plowr.) D.M. Hend.  
Move from synonymy of *P. dioicae* var. *schoeleriana* to head the entry. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**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 semadenii** Gäum., *Ber. schweiz. bot. Ges.* 51: 150 (1941)

**E:** !

**H:** On living leaves of *Peucedanum* (*Thysselinum*) *palustre*. Collections formerly assigned to *P. angelicae*. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia senecionis-acutiformis** Hasler, Mayor & Cruchet, *Bull. Soc. Vaud. Sci. Nat.* 54: 339 (1922)

**I:** !

**H:** 0 & I on living leaves of *Senecio vulgaris*. Documented in Woods *et al.* (2024). Listed in Klenke & Scholler (2015) as a segregate of *P. dioicae* s.l. with other stages on *Carex acutus* and *C. acutiformis*.

**Puccinia silai** Fuckel

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

**H:** On living leaves of *Silaum silaus*. Remove from the synonymy of *P. angelicae* and recognise as a distinct species. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia silvatica** J. Schröt.

*Puccinia dioicae* var. *silvatica* (J. Schröt.) D.M. Hend.

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

**H:** British 0 & I on living leaves of *Taraxacum* spp. and II & III on *Carex capillaris* and *C. leporina*.

Move from synonymy of *P. dioicae* var. *silvatica* to head the entry. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia smyrnii** Biv.

*Aecidium smyrnii* Bagnis, in Thümen, *Mycoth. Univ.*: no. 153 (1875)

Add the above to synonymy. [UD5]

**Puccinia striiformoides** M. Abbasi, Hedjar. & M. Scholler, in Abbasi, Hedjaroude, Scholler & Goodwin, *Rostaniha* 5(2): 75 (2005) [2004]

*Puccinia striiformis* var. *dactylidis* Manners

Formerly recognised as a variety of *P. striiformis* but now raised to specific rank following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia substriata** var. **penicillariae** (Speg.) Ramachar & Cummins, *Mycopath. Mycol. appl.* 25(1-2): 26 (1965)

**E:** !

**H:** On living leaves of *Solanum melongena*. Documented in Woods *et al.* (2024).

**Puccinia tanacetii** DC.

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

**H:** II & III on living leaves of *Tanacetum*.

Delete synonyms. Formerly more widely interpreted (following **W&H** in 1966), but now the synonyms described on *Artemisia* and cultivated chrysanthemums are recognised as several distinct species following Klenke & Scholler (2015), Preston *et al.* [FM24(4): 128-136 (2023)] and Woods *et al.* (2024).

**Puccinia taraxaci** Plowr.

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

**H:** On living leaves of *Taraxacum* spp. Remove from synonymy of *P. hieracii* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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]

**Puccinia thymi** (Fuckel) P. Karst.

See *P. ruebsaamenii* for collections on *Origanum* and *P. schneideri* for collections on *Thymus*.

**Puccinia tinctoriicola** Magnus

*Puccinia tinctoriae* Magnus (*nom. illeg.*)

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

**H:** On living leaves of *Serratula tinctoria*. Remove from synonymy of *P. hordei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia triseti** Erikss.

*Puccinia recondita* f.sp. *triseti* D.M. Hend.

*Puccinia rubigo-vera* f.sp. *triseti* Mains

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

**H:** On living leaves of *Trisetum flavescens*. Remove from synonymy of *P. hordei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia triticina** Erikss.

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

**H:** British collections of II & III on *Triticum* spp. Remove from synonymy of *P. recondita* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia umbilici** Guépin

Remove *P. rhodiolae* (q.v.) from synonymy and recognise as a distinct species. Remove *Rhodiola* (*Sedum*) *rosea* from host list. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia urticae-acutae** Kleb.

Remove from synonymy of *Puccinia urticata* var. *urticae-acutae* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024). Add *Carex acuta* to host list.

**Puccinia urticae-acutiformis** (Kleb.) Gäum., *Beitr. Kryptfl. Schweiz* 12(no. 1): 632 (1959)

Formerly included under *Puccinia urticata* var. *urticae-acutiformis* which now becomes a synonym following Klenke & Scholler (2015) and Woods *et al.* (2024). Add *Carex pseudocyperus* to host list.

**Puccinia urticae-flacca** Hasler

Remove from synonymy of *Puccinia urticata* var. *urticae-flacca* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia urticae-hirtae** Kleb.

Remove from synonymy of *Puccinia urticata* var. *urticae-hirtae* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia urticae-inflatae** Hasler

Remove from synonymy of *Puccinia urticata* var. *urticae-inflatae* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia urticae-paniceae** Mayor

**E:** ! **W:** ! **I:** !

Remove from synonymy of *Puccinia urticata* var. *urticae-paniceae* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia urticae-ripariae** Hasler

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

Remove from synonymy of *Puccinia urticata* var. *urticae-ripariae* to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia urticae-vesicariae** Kleb., *Z. PflKrankh. PflSchutz* 24: 347 (1899)

Formerly included under *Puccinia urticata* var. *urticae-vesicariae* which now becomes a synonym following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Puccinia urticata var. biporula** Zwetko  
Now recognised at specific rank as *Puccinia biporospora* (q.v.).

**Puccinia vulpiana** A.L. Guyot  
*Puccinia vulpiae-myuri* Mayor & Vienn.-Bourg.  
**E: ! W: !**  
**H:** On living leaves of *Vulpia* spp.  
Remove from synonymy of *P. hordei* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Pucciniastrum agrimoniae** (Dietel) Tranzschel  
Remove *Thekopsora agrimoniae* (q.v.) from synonymy to head this entry following Aime & McTaggart [*Fungal Systematics and Evolution* 7(1): 21-47 (2020)[2021]].

**Pucciniastrum areolatum** (Fr.) G.H. Otth  
Remove *Thekopsora areolata* (q.v.) from synonymy to head this entry following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Pucciniastrum goeppertianum** (J.G. Kühn) Kleb.  
See under *Calyptospora columnaris*.

**Pucciniastrum minimum** (Schwein.) Arthur, *Résult. Sci. Congr. Bot. Wien 1905*: 337 (1906)  
*Thekopsora minima* (Schwein.) P. Syd. & Syd., *Monogr. Uredin. (Lipsiae)* 3(3): 465 (1915)

**S: !**  
**H:** On living leaves of *Vaccinium corymbosum* cv. 'Liberty' in a nursery and experimentally inoculated on detached leaves of wild *V. myrtillus* under laboratory conditions.  
Recorded on two nursery plants in Perthshire in 2021 and determined on morphological and molecular evidence (matching of uredospore-derived ITS barcode with similarly labelled sequences in GenBank). Documented in Latham *et al.* [*New Disease Reports* 45: e12057 (2022)].

**SACCOSOMA** Spirin, in Spirin, Malysheva, Trichies, Savchenko, Pöldmaa, Nordén, Miettinen, Larsson, *Fungal Systematics and Evolution* 2: 336 (2018)

Type: *Saccosoma farinaceum* (Höhn.) Spirin & K. Pöldmaa

**farinaceum** (Höhn.) Spirin & K. Pöldmaa, in, Malysheva, Trichies, Savchenko, Pöldmaa, Nordén, Miettinen, Larsson, *Fungal Systematics and Evolution* 2: 337 (2018)  
Name changed from *Helicogloea farinacea* which becomes a synonym. Molecular studies reported in Spirin *et al.* [*Fungal Systematics and Evolution* 2: 311-340 (2018)] have shown that this species is not closely related to the types of either *Helicogloea* or *Saccoblastia* (which was shown to be a synonym of *Helicogloea*) and therefore a new genus was required to accommodate it. Spirin *et al.* (2018) published a barcode sequence derived from a specimen in K from Surrey (Witley Common) which matched that of their designated neotype.

**Thekopsora agrimoniae** Dietel  
Moved from *Pucciniastrum* following Aime & McTaggart [*Fungal Systematics and Evolution* 7(1): 21-47 (2020)[2021]].

**Thekopsora areolata** (Fr.) Magnus  
**E: ! S: ! W: !**  
**H:** 0 & I on living leaves of *Picea abies* and II & III on *Prunus* spp.  
Formerly included under *Pucciniastrum areolatum* which, along with its synonyms, now becomes a synonym following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Tranzschelia anemones** (Pers.) Nannf.  
*Dicaeoma anemones* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 542 (1821)  
Add *Dicaeoma anemones* to synonymy. **[UD4]**

**Tranzschelia anemones** (Pers.) Nannf.  
Remove *T. thalictri* (q.v.) from synonymy and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024). Delete *Thalicttrum* spp. from host list.

**Tranzschelia thalictri** (Chevall.) Dietel  
*Puccinia thalictri* Chevall.

**E: ! S: ! W: !**  
**H:** III on living leaves of *Thalicttrum flavum* and *T. minus*.  
Remove from synonymy of *T. anemones* (= *T. fusca*) and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Uredo glyceriae** Lind  
**E: ! S: ! W: !**  
**H:** II on living leaves of *Puccinellia* spp.  
Remove from synonymy of *P. brachypodii* var. *poae-nemoralis* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**Uredo oncidii** Henn.  
Now a synonym of *Desmosorus oncidii* (q.v.).

**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]**  
**ambiguus** (DC.) Niessl, *Verh. nat. Ver. Brünn* 3: 113 (1864)  
**E: ! W: ! I: !**  
**H:** On living leaves of *Allium* spp.  
Remove from synonymy of *P. porri* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**anthyllidis** J. Schröt.  
Remove *U. hippocrepidis* (q.v.) from synonymy and recognise as a distinct species. Remove *Hippocrepis*, *Lotus* and *Lupinus* from host list. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**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]**

**dactylidis** G.H. Otth  
Remove *U. festucae* (and *U. ranunculi-festucae*) and *U. poae* (and *U. dactylidis* var. *poae*) (q.v.) from synonymy and recognise as distinct species. Remove *Poa* from host list. Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**euphorbiae-corniculati** Jordi  
*Uromyces loti* A. Blytt (*nom. inval.*)  
*Puccinia loti* L.A. Kirchn.  
**E: ! S: ! W: ! I: !**  
**H:** British collections of II & III on living leaves of *Lotus* spp.  
Remove from the synonymy of *U. pisi-sativi* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**festucae** Syd. & P. Syd.  
*Uromyces ranunculi-festucae* Jaap  
**E: ! W: !**  
**H:** British collections of II & III on living leaves of *Festuca rubra*.  
Remove from synonymy of *U. dactylidis* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024). Note that the latter authors retain *Festuca*, including *F. rubra*, as a host genus for *U. dactylidis*.

**ficariae** (Schumach.) Lév.  
*Coeomurus ficariae* (DC.) Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)  
Add *Coeomurus ficariae* to synonymy. **[UD4]**

**galegae** (Opiz) Sacc., *Riv. Accad. di Padova* 24: 207 (1874)  
**E: !**  
**H:** On living leaves of *Galega officinalis*.

Documented in Woods *et al.* (2024).

**genistae** Fuckel, *Jb. nassau. Ver. Naturk.* 23-24: 63 (1870) [1869-70]

*Uromyces genistae-tinctoriae* (Pers.) G. Winter  
*Uromyces genistae-tinctoriae* f. *anglicae* MacDon.

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

**H:** British collections of II and III on living leaves of *Genista* spp.

Remove from the synonymy of *U. pisi-sativi* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**hippocrepidis** Mayor (*nom. illegit.*)

**E: !**

**H:** II & III on living leaves of *Hippocrepis comosa*.

Remove from synonymy of *U. anthyllidis* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**hyacinthi** W. Schneid.

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

**H:** British collections of III on living leaves of *Brimeura fastigiata* and *Hyacinthoides* spp.

British collections formerly misidentified as *U. muscari* on *Hyacinthoides* spp., but that rust is now recognised in a more restricted sense (on *Bellevalia* and *Muscari* spp.). Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**laburni** (DC.) G.H. Oth

*Puccinia laburni* DC.

**E: !**

**H:** British collections of II & III on living leaves of *Laburnum anagyroides*.

Remove from the synonymy of *U. pisi-sativi* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**lathyr-latifolii** A.L. Guyot, *Uredineana* 1: 35-58 (1939)

**E: ! W: !**

**H:** On living leaves of *Lathyrus latifolius*.

Documented in Woods *et al.* (2024).

**muscari** (Duby) L. Graves

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

**H:** British collections of III on living leaves of *Bellevalia* and *Muscari* spp.

Now recognised in a more restricted sense. Remove *Puccinia scillarum*, *Trichobasis scillarum* and *Uredo scillarum* from synonymy to the synonymy of the segregated species *Uromyces scillarum* (q.v.). Remove *Scilla* spp. from host list. See *U. hyacinthi* for collections on *Hyacinthoides* spp. and remove this genus from host list. Taxonomy now follows Woods *et al.* (2024).

**onobrychidis** (Desm.) Lév. (*nom. inval.*)

**E: ! W: !**

**H:** British collections of II & III on living leaves of *Onobrychis viciifolia*.

Remove from the synonymy of *U. pisi-sativi* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**pisi** (DC.) G.H. Oth

*Puccinia pisi* DC.

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

**H:** 0 & I on living leaves of *Euphorbia cyparissias* and II & III on *Lathyrus* spp.

Remove from the synonymy of *U. pisi-sativi* (which now becomes a synonym) and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**pisi-sativi** (Pers.) Liro

*Coeomurus pisi* (DC.) Gray, *Nat. arr. Brit. pl.* 1: 541 (1821)

Add *Coeomurus pisi* to synonymy. **[UD4]**

**pisi-sativi** (Pers.) Liro

Recognise in a more restricted sense and move this name and its homotypic synonym to the synonymy of *U. pisi*. Other former synonyms to be recognised as, or under, the following segregate species: *U. euphorbiae-corniculati*, *U. genistae*, *U. laburni*, *U. onobrychidis*, *U. pisi*, *U. punctatus*, *U. sarothamni*, *U. striatus* and *U. ulicis* (q.v.) following Klenke & Scholler (2015) and Woods *et al.* (2024).

**poae** Rabenh.

*Uromyces dactylidis* var. *poae* (Rabenh.) Grove

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

**H:** 0 & I on living leaves of *Ficaria verna* (*Ranunculus ficaria*) and *Ranunculus* spp. and II & III on *Poa* spp.

Remove from synonymy of *U. dactylidis* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**polygoni-avicularis** (Pers.) P. Karst.

*Dicaeoma aviculariae* (DC.) Gray [as 'avicularē'], *Nat. arr. Brit. pl.* 1: 542 (1821)

Add *Dicaeoma aviculariae* to synonymy. **[UD4]**

**punctatus** J. Schröt.

*Uromyces astragali* (Opiz) Sacc.

*Uromyces euphorbiae-astragali* Jordi

**E: ! S: !**

**H:** British collections of II & III on living leaves of *Astragalus danicus*.

Remove from the synonymy of *U. pisi-sativi* (which now becomes a synonym) and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**sarothamni** A.L. Guyot & Massenot, *Uredineana* 5: 520 (1958) (*nom. inval.*)

*Uromyces genistae-tinctoriae* f. *scoparii* MacDon.

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

**H:** British collections of II and III on living leaves of *Cytisus* (*Sarothamnus scoparius*).

Documented in Woods *et al.* (2024).

**scillarum** (Baxter) G. Winter

*Puccinia scillarum* Baxter

*Trichobasis scillarum* Berk.

*Uredo scillarum* Grev.

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

**H:** III on living leaves of *Scilla* spp.

Remove from the synonymy of *U. muscari* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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]**

**sommerfeltii** Hyl., Jørst. & Nannf., *Op. bot.* 1: 96 (1953)

**W: !**

**H:** III on living leaves of *Solidago virgaurea*.

Documented in Woods *et al.* (2024).

**striatus** J. Schröt.

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

**H:** British collections of II & III on living leaves of *Medicago* spp.

Remove from the synonymy of *U. pisi-sativi* (which now becomes a synonym) and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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]

**ulicis** A.L. Guyot & Massenot ex E. Müll. & F. Kern, *Ber. schweiz. bot. Ges.* 77: 209 (1967) (*nom. inval.*)  
*Uromyces genistae-tinctoriae* f. *ulicis* MacDon.

**S: ! W: !**

**H:** British collections on living leaves of *Ulex europaeus* and *U. gallii*.

Remove from the synonymy of *U. pisi-sativi* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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]

**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 (Eidhbbhat Tulach) confirmed by DNA sequencing by M. Lutz. [UD6] Originally included in *Ustilaginiomycetes* in error.

**Xenodochus carbonarius** Schldtl.

*Lecythea miniata* Lév., *Ann. Sci. Nat., Bot.*, sér. 3, 8: 374 (1847)

Add the above to synonymy. [UD5]

## BASIDIOMYCOTA, USTILAGINOMYCOTINA (as USTILAGINOMYCETES in the printed book 2005)

**ANTHEROSPORA** R. Bauer et al., *Mycol. Res.* 112(11): 1300 (2008)

**Urocystidales, Floromycetaceae**

Type: *Antherospora vaillantii* (Tul. & C. Tul.) R. Bauer et al.

**hortensis** Piątek & M. Lutz, in Piątek, Lutz & Chater, *IMA Fungus* 4(1): 9 (2013)

**E: ! W: !**

**H:** In the anthers of cultivated *Muscari* spp., usually found on *M. armeniacum*.

Described with a sequenced holotype collection (2010) from Cardiganshire (Llanbadarn Fawr) and three sequenced Welsh paratypes. Probably widespread. Historical collections of anther smuts on *Muscari* in K were referred to *Ustilago vaillantii* (as in the printed Checklist, 2005) and include a collection dating back to 1931 from Surrey (Kew Gardens) on *M. cyaneoviolaceum*, now recognised as a synonym of *M. armeniacum*. More recent collections were referred to *Antherospora vaillantii* (CBIB Update 4). However, *A. vaillantii* s.str. is restricted to *M. comosum* and *M. tenuiflorum* for which there are no known verified records from Britain and Ireland.

**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 (Strathly 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]

**vaillantii**

Move to 'excluded' list.

**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 heterospora** (B. Lindeb.) Kukkonen

**S: !**

**H:** In the ovaries of *Carex recta*.

Move from 'excluded' list. Add the above details and replace

**Notes** with: "A Scottish collection at E from Easternness, (Beauly) as pointed out by Taylor & Smith FM18(1): 10, one of the few known British sites for the host."

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

**S: !**

**H:** In ovaries of *Carex hostiana*.

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

**Anthracoidea inclusa** Bref., *Unters. Gesamtgeb. 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]

**Anthracoidea turfosa** (Syd.) Kukkonen, *Suomal. elain-ja kasvit. Secur. van. kasvit. Julk.* 34(3): 24 (1963)

**S:** !

**H:** In the ovaries of *Carex dioica*.

Collections at E from South Aberdeenshire (Morrone) *vide* Taylor & Smith [FM18(1): 10 (2017)].

**Anthracoidea vankyi** Nannf., *Bot. Notiser* 130(4): 372 (1977)

**S:** !

**H:** In the ovaries of *Carex muricata* ssp. *pairaei*.

A collection at E from Midlothian (Edinburgh) *vide* Taylor & Smith [FM18(1): 10 (2017)].

## ENTORRHIZA C.A. Weber

Move to Phylum Entorrhizomycota.

**Entyloma cosmi** Vánky, Horita & Jage, *Mycoscience* 46(6): 365 (2005)

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

**H:** On leaves of cultivated *Cosmos bipinnatus*.

Records (2008-2021) of this invasive species found in Buckinghamshire (collection in K and originally determined as *E. calendulae*), Carmarthenshire, Derbyshire, Dorset, East Kent, North Devon, South-west Yorkshire and Surrey are documented in Preston & Newbery [FM22(4): 95-97 (2021)].

**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 eburneum** (J. Schröt.) J. Kruse, M. Lutz, Piątek & Thines, in Kruse, Piątek, Lutz & Thines, *Persoonia* 41: 188 (2018)

*Fusidium eburneum* J. Schröt., *Krypt.-Fl.*

Schlesien (Breslau) 3.1(17-24): 284 (1887) [1889]

*Ramularia gibba* Fuckel

*Entyloma ranunculi-repentis* s.s.

**E:** ! **W:** ! **NI:** !

**H:** In living leaves of *Ranunculus bulbosus* and *R. repens*. Currently accepted name for *Entyloma ranunculi-repentis* s.s., one member of a series of host-restricted species recently segregated from the *E. ranunculi-repentis* species complex. The new combination *E. gibbum*, based on *Ramularia gibba*, which would appear to provide the earliest basionym, was adopted in Rossman *et al.* [*IMA Fungus* 7(1): 1-7 (2016)]. However, this was proposed for rejection, as documented in Kruse *et al.* [*Persoonia* 41: 175-201 (2018)], because the type material of *R. gibba* comprised a mixture of two species. Kruse *et al.* (2018) cited the basionym as *F. eburneum* J. Schröt (1877) but, in that publication, the name is invalid. The correct basionym is cited in the list above.

**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 ficariae** A.A. Fisch. Waldh.

Remove *Ranunculus repens* and *R. sceleratus* from list of hosts. Only found on *Ficaria verna* (*R. ficaria*).

**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 Faies and Pleinmont). [UD6]

**Entyloma irregulare** Johanson

Name changed to *Jamesdicksonia irregulare* (q.v.). [UD1]

**Entyloma ossifragi**

Moved to *Gjaerumia* (q.v.).

**Entyloma ranunculacearum** Kochman, *Pl. Polon.* 4: 105 (1936)

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

**H:** In living leaves of *Ranunculus acris*.

A member of a series of host-restricted species recently segregated from the *E. ranunculi-repentis* species complex. Further details in Kruse *et al.* [*Persoonia* 41: 175-201 (2018)]. A Welsh collection (as *E. ranunculi-repentis*) from Cardiganshire published in Woods *et al.* (2018).

**Entyloma ranunculi-repentis** Sternon

Delete habitat details (which refer to the species complex). Now recognised in a more restricted sense and, following Kruse *et al.* [*Persoonia* 41: 175-201 (2018)], this name should now be included in the synonymy of *E. eburneum* (q.v.).

**Entyloma ranunculi-sclerati** Kochman, *Pl. Polon.* 4: 105 (1936)

**E:** ! **S:** ! **W:** ! **O:** Channel Islands !

**H:** In living leaves of *Ranunculus sceleratus*.

A member of a series of host-restricted species recently segregated from the *E. ranunculi-repentis* species complex. Further details in Kruse *et al.* [*Persoonia* 41: 175-201 (2018)].

**Entyloma ranuncolorum** Liro, *Mycoth. fenn.*, Fasc. 16(nos 301-600): 25 (1939)

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

**H:** In living leaves of *Ranunculus auricomus*.

A member of a series of host-restricted species recently segregated from the *E. ranunculi-repentis* species complex. Further details in Kruse *et al.* [*Persoonia* 41: 175-201 (2018)]. Two Welsh collections (as *E. ranunculi-repentis*) from Cardiganshire and Radnorshire published in Woods *et al.* (2018) with further Welsh collections similarly documented in Woods *et al.* (2024).

**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]

**GJAERUMIA** R. Bauer, M. Lutz & Oberw., *Mycol. Res.* 109(11): 1257 (2005)

Type: *Gjaerumia ossifragi* (Rostr.) R. Bauer, M. Lutz & Oberw.

**ossifragi** (Rostr.) R. Bauer, M. Lutz & Oberw., *Mycol. Res.* 109(11): 1257 (2005)

New name for *Entyloma ossifragi*.

**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]

**irregularis** (Johanson) R. Bauer, Begerow, A. Nagler & Oberw., *Mycol. Res.* 105: 422 (2001)

Name change for *Entyloma irregulare*. [UD1]

**MELANOPSICHIUM** Beck, *Annln K. K. naturh. Hofmus. Wien* 9: 122 (1894)

Type: *Melanopsichium austroamericanum* (Speg.) Beck

**pennsylvanicum** Hirschh., *Not. Mus. La Plata, Bot.* 6(no. 32): 149 (1941)

**E:** !

**H:** On living *Polygonum aviculare* s.l. Documented in Woods *et al.* (2024). (2024).

**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]

**Microstroma juglandensis**  
Move to *Pseudomicrostroma* (q.v.).

**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]

**PSEUDOMICROSTROMA** Kijporn. & Aime, *Mycol. Progr.* 16(5): 502 (2017)

Type: *Pseudomicrostroma juglandis* (Bérenger) Kijporn. & Aime

**juglandis** (Bérenger) Kijporn. & Aime, *Mycol. Progr.* 16(5): 503 (2017)

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

New name for *Microstroma juglandensis* following Kijpornyongpan & Aime [*Mycol. Progr.* 16(5): 495-505 (2017)].

**Thecaphora affinis** W.G. Schneid., *Jber. schles. Ges. vaterl. Kultur* 52: 90 (1874)

**E:** !

**H:** In the seed pods of *Astragalus glycyphyllos* replacing the seeds.

A collection at K from Berkshire (Chilswell Valley). For micrographs and further information see <http://fungi.myspecies.info/all-funqi/thecaphora-affinis>.

**Thecaphora melandrii** (Syd.) Vánky & M. Lutz, *Mycol. Res.* 111(10): 1215 (2007)

**E:** !

**H:** Deforming and partially replacing the inner parts of unopened flower buds of *Silene uniflora*.

Collections (2019 & 2020) in K and KRAM from South Hampshire (Gilkicker Point, Hook Park & Stokes Bay), of which those from 2019 were sequenced, phylogenetically analysed and determined in Smith *et al.* [*Kew Bulletin* 75: 39 (2020)].

**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]**

**Tracya lemnae** (Setch.) Syd. & P. Syd., *Hedwigia* 40(Beibl. 1): 3 (1901)

**E:** !

**H:** On living frond of *Spirodela polyrriza* in ditch.

A collection (2018) in K from West Sussex (Amberley) determined on morphological characters (A.M. Ainsworth) as documented in Ainsworth [FM24(4): 116-120 (2023)].

**TRANZSCHELIELLA** Lavrov, *Trudy Biol. Nauchno-Issl. Inst. Tomsk. Gosud. Univ.* 2: 29 (extr.) (1936)

Type: *Tranzscheliella otophora* Lavrov

**hypodytes** (Schltdl.) Vánky & McKenzie, *Fungal Diversity Res. Ser.* 8: 156 (2002)

Formerly listed under *Ustilago hypodytes* (which now becomes a synonym). Taxonomy now follows Klenke & Scholler (2015) and Woods *et al.* (2024).

**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 aquilegiae** (Cif.) Schwarzman, *Flora Sporovykh Rastenii Kazakhstana [Cryptogamic Flora of Kazakhstan]* (Alma-Ata) 2: 331 (1960)

**E:** !

**H:** On leaves of *Aquilegia*.

Previously documented in CBIB (2005) as *U. sorosporioides* occurring on *Aquilegia* spp., but that species is now known to be restricted to *Thalictrum*. Recorded in London and documented in Ing [FM23(2): 69-70 (2022)].

**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 bolboschoeni** Denchev, T. Denchev, Spooner & Legon

Move to synonymy of *U. fischeri* (q.v.).

**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 fischeri** G. Winter

Move *U. bolboschoeni* to synonymy and add *Bolboschoenus maritimus* [Ainsworth & Liimatainen, *FM* 21(2): 71–73 (2020)] and *Carex demissa* [Smith & Lutz, *The Glasgow Naturalist* 26(1): 112–114. (2014)] to the list of host plants.

**Urocystis irregularis** (G. Winter) Säval., *Bulletin Sti. Sect. Sti. biol.* 3: 220 (1951)

**S:** !

**H:** On leaves of cultivated *Aconitum napellus*.

Documented from two gardens in Wester Ross in Ing [FM23(2): 69-70 (2022)].

**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]**

**davisii** Liro, *Ann. Acad. Sci. fenn., Ser. A* 17(no. 1): 80 (1924)  
*Ustilago longissima* var. *macrospora* Davis, *Trans. Wis. Acad. Sci. Arts Lett.* 11: 174 (1898) [1897]

**S:** !

**H:** On living leaves of *Glyceria fluitans*.

Documented in Woods *et al.* (2024).

**duriæana** Tul. & C. Tul.

Name change. Now placed in the *Urediniomycetes* within the genus *Haradæa* (q.v.). **[UD1]**

**heufferi** Fuckel

Move to *Vankya heufferi* (q.v.).

**hypodytes** (Schltdl.) Fr.

Move this name to synonymy listed under *Tranzscheliella hypodytes*.

**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]**

**ornithogali** (J.C. Schmidt & Kunze) Magnus

Move to *Vankya ornithogali* (q.v.).

**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]**

**VANKYA** Ershad, *Rostaniha* 1(1-4): 66 (2000)

Type: *Vankya ornithogali* (J.C. Schmidt & Kunze)  
Ershad, *Rostaniha* 1(1-4): 66 (2000)

**heufleri** (Fuckel) Ershad, *Rostaniha* 1(1-4): 68 (2000)

*Ustilago heufleri* Fuckel

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

**H:** On living cultivated *Erythronium oregonum* and *Tulipa saxatilis*.

Move from *Ustilago* following Klenke & Scholler (2015) and Woods *et al.* (2024). Distribution and hosts updated following Woods *et al.* (2024).

**ornithogali** (J.C. Schmidt & Kunze) Ershad, *Rostaniha* 1(1-4): 66 (2000)

*Ustilago ornithogali* (J.C. Schmidt & Kunze) Magnus

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

**H:** On living leaves and pedicels of *Gagea bohemica* and *G. lutea*.

Move from *Ustilago* following Klenke & Scholler (2015) and Woods *et al.* (2024). Distribution and hosts updated following Woods *et al.* (2024).

**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]**

## ENTORRHIZOMYCOTA

**ENTORRHIZA** C.A. Weber

Move from Subphylum Ustilaginomycotina.

**caricicola** Ferd. & Winge, *Dansk bot. Ark.* 2(no. 1): 10 (1915)

**W:** !

**H:** Welsh collections in mires on roots of *Carex limosa*.

New record. Collections (2017) from Cardiganshire (Banc Tyllwyd, Cors Caron). Further details in Chater & Smith [FM19(2): 55–60 (2018)].

**raunkiaeriana** Ferd. & Winge, *Dansk bot. Ark.* 2(no. 1): 8 (1915)

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

**H:** Welsh collections in mires and mud-bottomed pools on roots of *Eleogiton* (= *Scirpus*) *fluitans*. The root galls were noted floating to the surface as the club-rush roots were disturbed.

New record. Collections (2017) from Breconshire (Llanddewi'r Cwm), Cardiganshire (Aberleri Fields, Llantrisant Reservoir), Carmarthenshire (Mynydd Llanybydder), Merionethshire (Llynau Cregennen), Montgomeryshire (Llyn Ebyr) and Radnorshire (Llowes, Monk's Pool, Rhosgoch Common). Further details in Chater & Smith [FM19(2): 55–60 (2018)].

**JUNCORRHIZA** K. Riess & Piątek, in Riess,

Schoen, Ziegler, Lutz, Shivas, Piątek &

Garnica, *Organisms Diversity and Evolution* 19(1): 23 (2019)

Type: *Juncorrhiza aschersoniana* (Magnus) K. Riess & Piątek

**aschersoniana** (Magnus) K. Riess & Piątek, in Riess, Schoen, Ziegler, Lutz, Shivas, Piątek & Garnica, *Organisms Diversity and Evolution* 19(1): 23 (2019)

*Entorrhiza aschersoniana* (Magnus) Lagerh.

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

New heading for entry formerly headed by *Entorrhiza aschersoniana* (which now becomes a synonym) following Klenke & Scholler (2015) and Woods *et al.* (2024).

**caspariana** (Magnus) K. Riess, M. Lutz & Piątek, in Riess, Schoen, Ziegler, Lutz, Shivas, Piątek & Garnica, *Organisms Diversity and Evolution* 19(1): 23 (2019)

*Entorrhiza caspariana* (Magnus) Lagerh.

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

New heading for entry formerly headed by *Entorrhiza caspariana* (which now becomes a synonym) following Klenke & Scholler (2015) and Woods *et al.* (2024). Add *Juncus bulbosus* and *J. × surrejanus* to list of host species (Woods *et al.* 2024).

## ADDITIONS & AMENDMENTS TO LIST OF ALIEN TAXA

### BASIDIOMYCOTA, AGARICOMYCOTINA

**Chlorophyllum abruptibulum** (R. Heim) Vellinga, *Mycotaxon* 83: 416 (2002)

Name change from *Macrolepiota abruptibulba*. **[UD1]**

**Coniophora arachnoidea** Pat., *Bull. Soc. mycol. Fr.* 28(1): 31 (1912)

Original description based on material on fallen banana leaves in Guinée Française (Guinea-Conakry). A single (2020) English collection in K from a tropical glasshouse (Surrey, Kew Gardens, Princess of Wales Conservatory) on soil near a pond.

**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* *vide* Vellinga (*Mycotaxon* 98: 225-232, 2006). [UD2]

**Cystolepiota fumosifolia** (Murrill) Vellinga

Move to 'non-alien' list (q.v.).

**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* (Camaio) Anno 8: 4 (2000)

*Lepiota rubella* Bres.

A name change for the species previously listed as *Lepiota rubella*. [UD5]

**Fomitopsis rosea** (Alb. & Schwein.) P. Karst.

Name changed to *Rhodofomes roseus*.

**Hohenbuehelia leightonii** (Berk.) Courtec., *Doc. Mycol.* 34(135-136): 50 (2008)

**H:** On wooden planks, "the boards of an old hovel" *vide* 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]

**Lactocollybia cycadicola** (Joss.) Singer, *Schweiz. Z. Pilzk.* 17: 71 (1939)

A previously overlooked collection (2010) in K from soil near the cycad *Dioon purpusii* in a hothouse in Kew Gardens (Palm House).

**Lepiota efibulis** Knudsen

Name changed to *Echinoderma efibulis* (q.v.). [UD5]

**Lepiota elaiophylla** Vellinga & Huijser, *Boll. Gruppo Micol. 'G. Bresadola'* (Trento) 40(2-3): 462 (1998) [1997]

Original description based on material in a Dutch glasshouse.

Two (2019) English collections (one in K) from a tropical glasshouse (Surrey, Kew Gardens, Palm House) in plant pot soil under two different species of Asian palm. Further details in FM 20(3): 101-104 (2019).

**Lepiota rubella** Bres.

Name changed to *Echinoderma rubellum* (q.v.). [UD5]

**Leucocoprinus heinemannii** Migl., *Micol. Ital.* 16(2): 9 (1987)

An English collection (2024) in K from hothouse soil in Middlesex (Chelsea Physic Garden) determined on

morphological evidence and by comparing its ITS sequence (A.S. Overall) with that of the holotype (99.4%) and other sequences published in Justo *et al.* [*Mycological Progress* 19: 1445-1457 (2020)]. It is currently unclear whether *L. heinemanni* var. *melanotrichoides*, described with a holotype from a Kew Gardens glasshouse and already accepted in the 'alien' list, is worthy of formal taxonomic recognition.

**Macrolepiota abruptibulba** (R. Heim) Heinem.

Name changed to *Chlorophyllum abruptibulbum* (q.v.). [UD1]

**Marasmius haematocephalus** (Mont.) Fr., *Epicr. syst. mycol.* (Upsaliae): 382 (1838) [1836-1838]

A tropical species with one British collection in K originally bequeathed by M.J. Berkeley in 1879 and believed to be from Surrey (Kew Gardens). The packet bears the annotation "in a stove", which presumably refers to a heating appliance once used in a hothouse in Kew Gardens. Accepted on the balance of probabilities, despite the current lack of supporting evidence.

**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]

**Psathyrella kellermanii** (Peck) Singer, *Mycologia* 51(3): 392 (1959)

Was included here in UD12 but now known to have been collected from an outdoor location and so an amended entry has been moved to the main list (q.v.).

**Rhodofomes roseus** (Alb. & Schwein.) Vlasák, *Česká Mykol.* 44(4): 235 (1990)

Name changed from *Fomitopsis rosea*.

**Serpula pulverulenta** (Sowerby) Bondartsev, *Botanicheskie 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]

**Serpula pulverulenta** (Sowerby) Bondartsev

Move to 'included' list.

**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]

## BASIDIOMYCOTA, PUCCINIOMYCOTINA

**Puccinia carthami** Corda

S: !

H: II & III on living leaves of *Carthamus tinctorius* introduced as seed.

Remove from synonymy of *P. calcitrapae* and recognise as a distinct species following Klenke & Scholler (2015) and Woods *et al.* (2024).

**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]

**Puccinia heucherae** (Schwein.) Dietel  
Move to list of non-alien taxa.

**Uromyces croci** Pass.

Move from list of non-alien taxa. [UD5]

## BASIDIOMYCOTA, USTILAGINOMYCOTINA

**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]

## ADDITIONS & AMENDMENTS TO LIST OF EXCLUDED TAXA

### BASIDIOMYCOTA, AGARICOMYCOTINA

**abieticola** (Bourdot & Galzin) J. Erikss., *Hyphodontia*  
Move to 'included' list.

**abietinum** (Bull.) P. Karst., *Gloeophyllum*  
Move to 'included' list.

**adnata** L., *Tremella*, *Fl. suec.*, ed. 2: 430 (1755)  
Recorded as British by Hudson [*Fl. angl.* ed. 2 (1778)] and Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the green algae as *Gloeocystis adnata* (L.) Nägeli.

**aerugineum** (Fr.) Lannoy & Estadès, *Leccinum*, *Doc. Mycol.* 21(81): 23 (1991)  
*Boletus chioneus* var. *aerugineus* Fr., *Observ. mycol.* (Leipzig) 2: 250 (1818)

Move from 'included' list. A *nomen dubium* which has been applied to green tinged forms of several species but mainly to *L. holopus* in Britain. The neotype designated in L&E is also *L. holopus fide* den Bakker & Noordeloos [*Persoonia* 18(4): 511-587 (2005)].

**alba**, (Preuss) Sacc., *Aegerita*, *Syll. fung.* 4: 662 (1886)  
Material under this name at K from England (Surrey) on *Rubus* leaf, but a *nomen dubium* of uncertain application.

**albida** (Huds.) Bref., *Exidia*  
*Tremella albida* Huds.  
*Gyraria albida* (Huds.) Gray, *Nat. arr. Brit. pl.* 1: 593 (1821)  
Add *Gyraria albida* to synonymy, although Gray placed a question mark against his generic disposition for this species. *Sensu* Gray *G. albida* is possibly *Exidia thuretiana*, but the taxon remains a *nomen dubium*.

**albidodisca** Kühner, *Inocybe*,  
Move to 'included' list to synonymy of *I. inodora*.

**albidopallens** P. Karst., *Omphalia*, *Meddeland. Soc. Fauna Fl. Fenn.* 16: 38 (1888)  
Omitted from published list. A *nomen dubium*, listed by Rea (1922).

**albobrunneum** (Pers.) P. Kumm., *Tricholoma*  
Move to 'included' list.

**albocyanus** Fr., *Cortinarius*  
Move to 'included' list.

**albus** (Pers.) Gray, *Gymnopus*, *Nat. arr. Brit. pl.* 1: 610 (1821)  
A *nomen dubium*. Said to be solitary, white, and edible.

**aleuriosmus** Maire, *Cortinarius*  
Move from 'included' list where *C. carviolaceus* (which is British) was incorrectly listed as a synonym [Kibby & Tortelli, *FM18(1)*: 18 (2017)].

**alexandri** Singer, *Mycena*, *Sydowia* 15: 63 (1961)  
Reported from Scotland (as *M. alexandri*) in Shaw, P. & Thompson, D. (Eds), *The Nature of the Cairngorms*: 151, 2006, but unconfirmed.

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

**alkalivirens** (Singer) Halling, *Gymnopus*, in Antonín, Halling & Noordeloos, *Mycotaxon* 63: 363 (1997)  
Name changed from *Collybia alkalivirens*.

**alii** Holmsk., *Tremella*, *Nye Saml. Kongel. Danske Vidensk. Selsk. Skr.* 1: 286, t. 1 (1781)  
Recorded as British by Dickson [*Fasc. pl. crypt. brit.* 1 (1785)] and Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)] on rotten *Allium* sp., but a *nomen dubium*. An ascomycetous *Sclerotium* sp. *fide* Donk (1966), possibly *S. cepivorum*.

**allochrom** Noordel., *Entoloma*, *Persoonia* 11(4): 463 (1982)  
Probably a new record, but recent material (2007) at K from South Lancashire (Ainsdale) is 'cf.' this species.

**alneus** Pers., *Boletus*, *Observ. mycol.* 1: 86 (1796)  
A *nomen dubium*. Reported from Britain 'on sickly alder-trees' by Gray [*Nat. arr. Brit. pl.* 1: 640 (1821)]. Persoon [*Syn. meth. fung.*: 528 (1801)] and Gray considered it a possible synonym of *Inonotus radiatus*.

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

**alpestris** (Britzelm.) Bon, *Rugosomyces*, *Doc. Mycol.* 21(82): 66 (1991)  
Name changed from *Calocybe alpestris*.

**alpinum** (J. Favre) Bruchet, Hebeloma

Move from 'included' list following redetermination of the British voucher collection from West Kent (Bedgebury Pinetum) as *H. geminatum* which was supporting its CBIB inclusion, [Beker *et al.*, FM 18(4): 119–132 (2017)]. These authors regard *H. alpinum* as a strictly arctic/alpine species normally growing with *Bistorta*, *Dryas* and *Salix* whose range might possibly extend to the mountains of Scotland. Amend second sentence of **Notes**: "Reported from Scotland but material in E is annotated as 'cf. *H. alpinum*.'"

**alpinus** Boud., Cortinarius

Move to 'included' list.

**ambiguum var. narcissi** Sacc., Sclerotium, *Ann. Mycol.* 8: 347 (1910)

Listed as British in Cannon *et al.* (1985), but assigned to the *Ascomycota* as the sclerotial stage of *Stromatinia narcissi* Drayton & J.W. Groves.

**amblyospora** Kühner, Inocybe

Move to 'included' list.

**amethystea** Bull., Tremella, *Herb. France*: pl. 449 (1792)

Recorded from Britain by Withering (1796), but a *nomen dubium* lacking a type specimen. Fries (1821) referred it to the gelatinous ascomycete, *Ascocoryne sarcoides* (Jacq.) J.W. Groves & D.E. Wilson.

**amethystina** (Battarra) Donk, Clavulina

Following Olariaga *et al.* [*Journal of Fungi* 11(7): 482; <https://doi.org/10.3390/jof11070482> (2025)], Battarra's basionym *Coralloides amethystina* is invalid because he did not adhere to the binomial system and hence even his two-word names are to be regarded as invalidly published. *Clavulina amethystina* has been variously interpreted; *Clavaria amethystina* (q.v.), however, is now accepted in the 'included' list.

**ammophila** (Lév.) Lloyd, Bovistella, *Myc. Writ.* I: 88 (1902) *Bovista ammophila* Lév., *Ann. Sci. Nat., Bot., sér.* 3, 9: 129 (1848)

Omitted from published list, though included by Rea (1922). A synonym of *B. radicata* *vide* Kreisel & Calonge (*Mycotaxon* 48: 22, 1967), but *sensu* Rea is dubious.

**ammophilum** Bohus, Hebeloma

Move from 'included' list following redetermination of two collections in K from South Lancashire (Ainsdale Dunes) and one from North Northumberland (Holy Island) as *H. vaccinum* which were supporting its CBIB inclusion [Beker *et al.*, FM 18(4): 119–132 (2017)]. These authors regard *H. ammophilum* as an associate of *Populus* or *Salix* growing in sandy soil.

**amygdalispora** Hjortstam, Dendrothele

Move from 'included' list. All British collections at K and other British material (Dorset) so named now redetermined as *D. citrisporella* (q.v.).

**anglicum** Castell., Sporotrichum, *J. Trop. Med. Hyg.* 40: 313 (1937)

Listed as British in Dennis (1995). Assigned to the *Ascomycota* as the anamorph of *Hyphopichia burtonii* (Boidin *et al.*) Arx & van der Walt *vide* Stalpers (1984).

**angustifolium** Romagn., Hebeloma

This name is illegitimate and replaced by *H. tenuifolium*. Move *H. tenuifolium* to 'included' list as a synonym of *H. velutipes* based on morphological and ITS sequence analyses [Beker *et al.*, *FungEur*14: 571 (2016)]. Four collections (1987 and 1988) from West Lancashire (Gait Barrows) originally identified as *H. angustifolium* Romagn. have been reassigned to *H. velutipes*.

**anthracophilum** Maire, Hebeloma

Move to 'included' list.

**antillarum** (Fr.) Dennis, Panaeolus

Move to 'included' list.

**araneosus** Bull., Agaricus, *Herb. France*: pl. 431 f. 4 (1792)

Recorded from England (Warwickshire) by Withering [*Bot. Arr. Brit. pl. ed. 2, 3* (1792)], but a *nomen dubium* lacking a type specimen. Considered a synonym of *Cortinarius jubarinus* Fr. by Saccardo [*Syll. fung.* 5: 975 (1887)], but this is also a *nomen dubium*.

**arborea var. fusca** With., Tremella, *Bot. Arr. Brit. pl. ed. 2, 3*: 224 (1792)

Described from England (Warwickshire), but a *nomen dubium* lacking a type specimen. Referred to *T. foliacea* by Donk (1966).

**arenosum** Burds., Macfall & M.A. Albers, Hebeloma

Move from 'included' list following redetermination of a collection in E from Orkney (Birsay) as *H. helodes* which was supporting its CBIB inclusion [Beker *et al.*, FM 18(4): 119–132 (2017)]. These authors regard *H. arenosum* as a North American species.

**argutus** Fr., Cortinarius

Move to 'included' list.

**armeniacus** (Schaeff.) Fr., Cortinarius

Move to 'included' list.

**arvinaceus** Fr., Cortinarius

Move from 'included' list as now regarded as a *nomen dubium*. Described by Fries as "aurantio-fulvus" in colour but more recently applied to various taxa with yellowish pilei in subgenus *Myxadium*. *Sensu* Cooke 732 (737) is for Orton probably *C. delibutus*. *Sensu* Rea is unknown. A few more recent records are also doubtful. See FM 10(2): 47 for further discussion.

**atratus** K.A. Harrison, Phellodon

Move from 'included' list. A North American species, not authentically British. Scottish collections named thus are currently assigned (unidentified) to the *Phellodon niger* complex based on comparative sequencing evidence in Ainsworth *et al.* [*Fung. Ecol.* 3: 65-80 (2010)].

**atroalba** (Bolton) Gray, Mycena, *Nat. arr. Brit. pl.* 1: 619 (1821)

Correction to author citation and publication reference.

**atrofusca** Velen., Clavaria

Move from 'included'. Not authentically British. The Hertfordshire (first British) collection noted in the First Update has been redetermined as *C. atroumbrina*.

**atroglaucula** Einhell., Russula

Move to 'included' list.

**atropapillata** Kühner & Maire, Mycena

Move to 'included' list (as *Phloeomana atropapillata*).

**atorrufus** Bolton, Agaricus

*Mycena atrorufa* (Bolton) Gray, *Mycena*, *Nat. arr. Brit. pl.* 1: 620 (1821)

Add *Mycena atrorufa* to synonymy.

**aurantiaca** Pers., Amanita, *Syn. meth. fung.*: 252 (1801)

A *nomen dubium*. Reported from Britain by Gray [*Nat. arr. Brit. pl.* 1: 599 (1821)].

**aurantiaca** Grove, Tremella, *J. Bot.* 56: 286 (1918)

Described from Scotland as the imperfect state of *Nectria magnusiana* Rehm. (*Ascomycota*).

**aurantiacum** Bull., Lycoperdon, *Herb. France*: pl. 270 (1786)

Recorded from England (Derbyshire) by Withering [*Bot. Arr. Brit. pl. ed. 2, 3* (1792)], but a *nomen dubium* lacking a type specimen. Considered a synonym of *Scleroderma citrinum* by Fries [*Syst. mycol.* 3 (1829)].

- auratile** (Britzelm.) Maas Geest., *Hydnellum*  
Move from 'included' list. Scottish records redetermined as *H. aurantiacum* (*vide* Dickson & Emmett, FM5(2): 49-51, 2004).
- aureus** Bull., *Agaricus* [*nom. illegit.*, non *A. aureus* Matt (1779)], *Herb. France*: pl. 92 (1782)  
A *nomen dubium*. Bulliard later considered his species a synonym of *Armillaria mellea* s.l., whilst Fries (1821) considered it a synonym of *Phaeolepiota aurea*. *Sensu* Sowerby (1797) is *Gymnopilus junonius*.
- avellanea** (Bres.) Höhn. & Litsch., *Peniophora*, *Sber. Akad. Wiss. Wien*, Math.-naturw. Kl., Abt. 1 117: 1094 (1908)  
*Kneiffia avellanea* Bres., *Ann. mycol.* 1(2): 102 (1903)  
Omitted from published list. A *nomen dubium*, listed by Rayner (*Bull. Brit. Mycol. Soc.* 13(2): 117, 1979) as British, but no details traced.
- baculifera** (Bourdot & Galzin) Jülich, *Athelopsis*  
Move from 'included' list. The British collection has now been redetermined as *Athelopsis fusoides*.
- badia** (Schaeff.) Bon & Contu, *Amanita*, *Doc. Mycol.* 15(59): 53 (1985)  
*Agaricus badius* Schaeff., *Fung. Bavar. Palat.* 4: 63 (1774)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792), as *Agaricus badius*], but doubtful. *Sensu* Withering is possibly *Amanita fulva*, since *Agaricus trilobus* Bolton was cited as conspecific.
- badipus** (Pers.) Rauschert, *Galerina*, *Hausknechtia* 4: 52 (1988)  
*Gymnopus badipus* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 605 (1821)  
Recorded as British by Gray, but doubtful. Gray considered *Agaricus caulicinalis* *sensu* Sowerby (= *Xeromphalina caudicinalis*) a synonym.
- balteatus** Fr., *Cortinarius*  
Move to 'included' list.
- beigelii** (Küchenm. & Rabenh.) Vuill., *Trichosporon*, *Arch. Parasit.* 5: 59 (1902)  
Recorded from England and Wales (with strains listed in the Health Protection Agency's on-line database as 'T. beigelii group'), but now considered a *nomen dubium* comprising a mix of different *Trichosporon* species. The name has commonly been applied to the causal agent of 'white piedra', a hair infection in humans.
- biformis** (Peck) Singer, *Collybia*, *Sydowia* 15: 55 (1962)  
*Marasmius biformis* Peck, *Bull. New York State Mus. Nat. Hist.* 67: 25 (1903)  
Reported from Surrey (Wisley) on woodchip mulch (Myc18: 12-15, 2004), but there is no voucher collection at K.
- bifurca** Bull., *Clavaria*, *Hist. Champ. France* 6: 207 (1791)  
A *nomen dubium*. Said to be a yellowish, clustered, clavarioid species that becomes bifurcate on maturity. Recorded as British by Gray [*Nat. arr. Brit. pl.* 1: 657 (1821)].
- bipellis** (Romagn.) P. Roux, Guy Garcia & Borgarino, *Coprinellus*, in Roux, *Mille et un Champignons*: 13 (2006)  
Name changed from *Coprinus bipellis*.
- blennius var. viridis** (Quél.) Quél., *Lactarius*, *Fl. mycol. France*: 353 (1888)  
Recorded from Britain by Rea (1922), but a *nomen dubium* lacking a type specimen.
- bongardii var. pisciodora** (Donadini & Rioussset) Kuyper, *Inocybe*  
Move to 'included' list.
- botryoides** (Schwein.) Bourdot & Galzin, *Tomentella*  
Move to 'included' list.
- brassiccae** Pers., *Sclerotium*. *Fungis Clavaeform* 1: 95 (1794)  
A *nomen dubium*. Reported from Britain by Gray [*Nat. arr. Brit. pl.* 1: 591 (1821)] on rotten cabbage leaves in cellars.
- brassicaecola** Berk. & Broome, *Tremella* [ined.]  
Omitted from published list. An herbarium name, but used in print (e.g.) by Ralfs (*Trans. Penzance Nat. Hist. Antiq. Soc. N.S.* 1: 48, 1881). The original collection (Cornwall, on cabbage stump) at K appears to be a *Fusarium* sp.
- bresadolana** Singer, *Clitocybe*  
Name changed to *Infundibulicybe bresadolana* (Singer) Harmaja, *Ann. bot. fenn.* 40(3): 216 (2003). Amend notes: Recorded from Northern Ireland in 1999 (apparently associated with *Cupressus macrocarpa*) but unsubstantiated with voucher material and probably misidentified *Paralepista flaccida*.
- bresadolanum** Cléménçon, *Tricholoma*  
Move to 'included' list.
- brevipes** (Bull.) Pat., *Melanoleuca*  
Move from 'included' list and replace existing **Notes** with: "Now considered to be a *nomen dubium* in Antonín *et al.* [*Mycol. Progress* 14: 107. (2015)]."
- bruchetii** Bon  
Move to 'included' list as a synonym of *H. mesophaeum* based on holotype studies [Beker *et al.*, *FungEur*14: 635 (2016)].
- brunneotinctus** Niskanen, Liimat., Ammirati, André Paul & Lebeuf, *Cortinarius*  
Move from 'included' list. The single (Scottish) collection supporting this species' retention on the 'included' list, originally determined based on morphological characters, has now been barcode sequenced and the result closely matched the ex-holotype sequence of *C. simulatus*. Furthermore it "bore little similarity" to the corresponding sequence derived from *C. brunneotinctus* described from Canada. Further details in Kibby & Tortelli [FM26(2): 57-59 (2025)].
- buccinalis** (Batsch) With., *Merulius*, *Arr. Brit. pl.* ed. 3, 4: 149 (1796)  
A *nomen dubium*, possibly a *Hemimycena* sp. Withering cited both *Agaricus buccinalis* Batsch and *A. buccinalis* Sowerby in his description, though later authors seemed to have considered these two separate taxa.
- bulbosa** (Schaeff.) Pers., *Amanita*, *Syn. meth. fung.*: 250 (1801)  
A *nomen dubium*. Reported from Britain by Gray [*Nat. arr. Brit. pl.* 1: 599 (1821)].
- bullatum** DC., *Sclerotium*, *Fl. Fr.* 5/6: 113 (1815)  
Recorded from England on decaying gourds and cucumbers by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but assigned to the *Ascomycota*.
- byssoides** Sowerby, *Clavaria*  
*Corynoides byssoides* (Sowerby) Gray, *Nat. arr. Brit. pl.* 1: 654 (1821)  
Add *Corynoides byssoides* to synonymy.
- caeruleum** (P.D. Orton) Noordel., *Entoloma*  
Move from 'included' list following FungEur5B whose authors regarded this name as a *nomen dubium*.
- caesia** (Pers.) Höhn. & Litsch., *Tomentella*  
*Sebacina caesia* (Pers.) Tul., *J. Linn. Soc., Bot.* 13: 37 (1871)  
Remains a *nomen dubium*, but the synonym *Sebacina caesia* was omitted from the printed Checklist. *Sensu* Pearson (*Trans. Brit. Mycol. Soc.* 7: 55, 1921) *S. caesia* is a growth form of *S. epigaea* and this is true of a later collection so-named at K.

- calcea** (Fr.) Bondartsev & Singer ex Singer, *Amyloporia*, *Mycologia* 36(1): 67 (1944)  
Listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26: 24 (1966)], but a *nomen dubium*. *Sensu auct.* is a species of *Anthrobia*.
- caligatus** Malençon, Cortinarius  
Move from 'included' list following redetermination, as *C. squameoradicans*, of the voucher collections in K (from East Kent, Badgin Wood), which were supporting its CBIB inclusion (M. Tortelli).
- calocera** R. Heim, Favolaschia  
Move from 'included' list. Sequenced British material is of *F. claudopus* (q.v.).
- calolepis** (Fr.) P. Karst., Crepidotus  
Move to 'included' list.
- calyptrosporium** Bruchet, Hebeloma  
Move to 'included' list as a synonym of *H. birrus* (q.v.).
- camptoros** Brandrud & Melot, Cortinarius  
Move from 'included' list following sequencing and redetermination, as *C. violaceonitens* (q.v.), of the single voucher collection in K (from East Sussex, Flatropers Wood) which was supporting its CBIB inclusion (K. Liimatainen unpubl.).
- cancellatus** Vent., Phallus, *Mém. Inst. nat. Sci. Arts* 1: 515 (1798)  
A *nomen dubium*. Said to be close to *P. impudicus*, but smells of orchids. Reported from Britain by Gray [*Nat. arr. Brit. pl.* 1: 676 (1821)].
- candidum** Link, Sporotrichum, *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 3: 13 (1809)  
Recorded from Britain by Gray [*Nat. arr. Brit. pl.* 1: 551 (1821)]. Considered a synonym of *Trechispora farinacea* by Stalpers (1984) based on an examination of the type collection, but this may not be *T. farinacea sensu stricto*.
- capitata** Holmsk., Clavaria [non *C. capitata* Lloyd (1922)], *Beata Ruris* 1: 38, t. 15 (1790)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl. ed. 2, 3* (1792)], but a *nomen dubium*, probably ascomycetous.
- capitatum** Diddens & Lodder, Trichosporon, *Die Hefasammlung des 'Centraalbureau voor Schimmelcultures': Beiträge zu einer Monographie der Hefearten. II. Teil. Die anaskosporogenen Hefen. Zweite Hälfte*: 488 (1942)  
Recorded from Britain, but assigned to the *Ascomycota* as *Saprochaete capitata* (Diddens & Lodder) de Hoog & M.T. Sm.
- carnis** F.T. Brooks & Hansf., Sporotrichum, *Trans. Brit. Mycol. Soc.* 11: 124 (1923)  
Described from Britain (on frozen meat), but assigned to the *Ascomycota* as a synonym of *Geomyces pannorum* (Link) Sigler & J.W. Carmich.
- castaneus** With., Agaricus [*nom. illegit.*, non *A. castaneus* Bull. (1786)], *Bot. Arr. Brit. pl. ed. 2, 3*: 293 (1792)  
Described from Britain as 'a very common species, growing in numerous circular patches under shady trees' but a *nomen dubium* lacking a type specimen. From Withering's descriptions and comments possibly *Lepista flaccida* or *Paxillus involutus*.
- castaneus** (Bull.) Fr., Cortinarius  
Move to 'included' list.
- cavipes** Huijsman, Hebeloma  
Remove *H. lutense* from synonymy and move both to 'included' list as separate species.
- cepistipes** Velen., Armillaria  
Move to 'included' list.
- cepivorum** Berk., Sclerotium, *Ann. Mag. Nat. Hist., Ser. 1, 6*: 359 (1841)  
Recorded from Britain by Wakefield & Bisby (1942) and Dennis (1995), causing 'Allium white rot' disease, but assigned to the *Ascomycota*.
- ceranoides** With., Tremella, *Bot. arr. veg.* 2: 732 (1776)  
Described from Britain, but a *nomen dubium* lacking a type specimen. Probably algal *fide* Donk (1966).
- cerinum** M. Korhonen, Leccinum, *Karstenia* 35(2): 61 (1995)  
Move to 'included' list as a synonym of *L. versipelle* (q.v.).
- chrysenderon var. juncicola** (R. Heim) Bon, Rugosomyces, *Doc. Mycol.* 21(82): 65 (1991)  
Name and rank changed from *Calocybe juncicola*.
- chrysoloma** (Fr.) Fiasson & Niemelä, Porodaedalea, *Karstenia* 24: 25 (1984)  
Name changed from *Phellinus chrysoloma*.
- chrysomallus** Lamoure, Cortinarius  
Move from 'included' list following sequencing and redetermination, as the holotype of the new species *C. subsaniosus* (q.v.), of the single voucher collection in K (from Westmorland, Sandscale Haws) which was supporting its CBIB inclusion. Further details in Hyde *et al.* [*Fungal Diversity*: 10.1007/s13225-020-00439-5 (2020)].
- chrysospermum** Harz, Sporotrichum, *Bull. Soc. Imp. nat. Moscou* 44: 106 (1871)  
Recorded from Britain by Wakefield & Bisby (1942), but a *nomen dubium* lacking a type collection *fide* Stalpers (1984).
- cincta** (Berk.) Cooke, Poria  
Move from 'excluded' to synonymy of *Rigidoporus undatus* (q.v.).
- cinctum** Fuckel, Glischroderma, *Jahrb. Nassau. Ver. Naturk.* 23-24: 35 (1870)  
Treated as basidiomycetous by Rea (1922: 53-54), but now shown to belong to the anamorphic *Ascomycota* [see Hennebert, *Persoonia* 7: 183 - 204 (1973)].
- cinerea** (Batsch) Relhan, Tremella [non *T. cinerea* Bonord. (1851)], *Fl. Cantab. Suppl.* 2: 22 (1788)  
Recorded from England (Cambridgeshire), but assigned to the *Ascomycota* as *Mollisia cinerea* (Batsch) P. Karst.
- cinereum** Batsch, Lycoperdon, *Elench. fung.* 155 (1783)  
Recorded from England (Cambridgeshire) by Withering [*Bot. Arr. Brit. pl. ed. 2, 3* (1792)], but assigned to the *Myxomycota* as *Physarum cinereum* (Batsch) Pers.
- cinereus** L., Clathrus, *Sp. pl. ed. 2*: 1655 (1763)  
Recorded from England by Hudson [*Fl. angl. ed. 2, 2* (1778)], but a *nomen dubium*.
- cinnabarina** (Bull.) Gray, Gyrraria, *Nat. arr. Brit. pl.* 1: 595 (1821)  
Not basidiomycetous. The imperfect state of *Nectria cinnabarina* (Tode) Fr. (*Ascomycota*) *fide* Donk (1966).
- cinnabarina** Bull., Tremella, *Herb. France*: pl. 455 f. 2 (1792)  
Recorded from Britain by Withering (1796), but assigned to the *Ascomycota* as *Tubercularia cinnabarina* (Bull.) Fr.
- cinnamomea** (Jacq.) Murrill, Coltricia  
Move to 'included' list.
- cinnamomeum** Wallr., Sporotrichum, *Fl. crypt. Germ., Sect. II*: 280 (1833)  
Recorded from England (Worcestershire) on *Phoenix* sp. by Wakefield & Bisby (1942), but a *nomen dubium* *fide* Stalpers (1984). British material at K is *Acrostalagmus cinnabarinus* Corda (*Ascomycota*).
- circinans** (Qué.) Sacc., Hebeloma  
Move from 'included' list following redetermination of voucher collections in K from East Kent (Queensdown Warren) as *H. laterinum*, from South Wiltshire (Swallowcliffe) as *H. hiemale* and from West Norfolk (Holkham Dunes) as *H. crustuliniforme* s.str. which were supporting its CBIB

inclusion [Beker *et al.*, FM 18(4): 119–132 (2017)]. These authors regard *H. circinans* as “a subalpine/subarctic species usually recorded in Scandinavia and France on calcareous ground”.

**claviceps** (Fr.) Quél., Hebeloma  
Amend the recombining author’s name as above.

**clavulipes** Romagn., Hebeloma  
Move to ‘included’ list.

**clavus** DC., Sclerotium, *Fl. Fr.* 5/6: 115 (1815)  
Recorded from Britain by Wakefield & Bisby (1942), but assigned to the *Ascomycota* as the sclerotial stage of *Claviceps purpurea* (Fr.) Tul.

**coccinea** Sowerby, Clavaria, *Col. fig. Engl. fung.* 3: pl. 294 (1801)  
Described from Britain on rotting sticks, but a *nomen dubium* lacking a type specimen. Probably a *Nectria* sp. (*Ascomycota*).

**collariatum** Bruchet, Hebeloma  
Move to ‘included’ list as a synonym of *H. dunense* (q.v.).  
Delete **Notes** and **D+I**.

**colossus** Huijsman, Hebeloma  
Move to ‘included’ list as a synonym of *H. bulbiferum* (q.v.).

**colubrina ypantherina** (Pers.) Gray, Lepiota, *Nat. arr. Brit. pl.* 1: 602 (1821)  
Note change to author citation. Not described from Britain, as previously stated. It remains a *nomen dubium*.

**compactum** (Fr.) P. Karst., Tricholoma  
*Leucopaxillus compactus* (Fr.) Neuhoff, *Westfälische Pilzbriefe* 1(5): 65 (1958)  
Remains a *nomen dubium*, but the synonym *Leucopaxillus compactus* was omitted from the printed Checklist and entry should be expanded:  
*Sensu* Fries seems near *Tricholoma saponaceum*. *Sensu* Neuhoff is *Leucopaxillus tricolor*. Other *Leucopaxillus* species have also been suggested. Recorded as British (as *T. compactum*) by Massee (1911) for reasons unknown in a sense unknown. Hence also listed in Rea (1922).

**comptulus** M.M. Moser, Cortinarius  
Move to ‘included’ list.

**concolor** (J.E. Lange) Kühner, Mycena  
Move to ‘included’ list.

**condensata** (Fr.) Quél., Ramaria, *Fl. mycol. France*: 467 (1888)  
*Clavaria condensata* Fr.

A *nomen dubium*, erroneously considered a synonym of *Ramaria stricta* in the printed Checklist. *Sensu* Rea (1922), supported by a watercolour and collection in herb. K, is probably *Ramaria flava*. Other old collections in herb. K are *R. gracilis* or *R. stricta*.

**confluens** P. Karst., Dacrymyces, *Meddeland. Soc. Fauna Fl. Fenn.* 14: 83 (1887)  
Reported from Scotland (Curr Wood) in Shaw, P. & Thompson, D. (Eds), *The Nature of the Cairngorms*: 153, 2006, but lacking a voucher collection.

**contortipes** (A.H. Sm. & D.E. Stuntz) I. Saar & Thorn, in Saar, Thorn, Nagasawa, Henkel & Cooper, *Mycologia*: 10.1080/00275514.2022.2059639, 21 (2022), *Dissoderma*  
Move from ‘included’ list (as *Squamanita contortipes*) as the British species is now regarded as *Dissoderma galerinicola* (q.v.).

**coralloides**, Scop., Agaricus, *Diss. sci. nat.*, ed. 1: 109, t. 35 (1772)  
Recorded from Britain by Dickson [*Fasc. pl. crypt. brit.* 1 (1785)] and Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)]. A *nomen dubium*, considered by Fries (1821) to be a synonym of *A. oedematopus* (= *Collybia fusipes*).

**corbierei** Bourdot & Galzin, Clavaria  
Move from ‘included’. A *nomen dubium*. British collections at K have been redetermined as *C. fragilis*. It is quite possible that *C. corbierei sensu stricto* (described from France) is also a synonym of *C. fragilis*.

**coriacea** Bull., Clavaria, *Hist. Champ. France*: 198 (1791)  
Recorded from Britain by Withering (1796). A *nomen dubium*, which Withering thought perhaps not distinct from *Clavulina coralloides*.

**coriacea** Bull., Clavaria  
*Ramaria coriacea* (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 656 (1821)  
Add *Ramaria coriacea* to synonymy.

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

**corniculata** With., Tremella, *Bot. arr. veg.* 2: 733 (1776)  
Described from Britain, based on a Dillenius phrase name. Referred to the lichen *Leptogium palmatum* (Huds.) Mont. (*Ascomycota*) by Donk (1966).

**corniculata β alba** Gray, Ramaria, *Nat. arr. Brit. pl.* 1: 655 (1821)  
Described from Britain, but a *nomen dubium*, possibly a species of *Ramariopsis*.

**coronatum β woodwardii** (Bryant) Pers., Geastrum  
*Lycoperdon woodwardii* Bryant  
*Geastrum stellatum β woodwardii* (Bryant) Gray, *Nat. arr. Brit. pl.* 1: 585 (1821)  
Add *Geastrum stellatum β woodwardii* to synonymy. It remains a *nomen dubium*.

**crispa** Schreb., Tremella, *Spic. fl. lips.*: 140, 1151 (1771)  
Recorded from Britain by Withering (1796), but assigned to the algae as *Prasiola crispa* (Schreb.) Kütz.

**crispula** (Fr.) Quél., Ramaria  
A *nomen dubium* [see Petersen, *Biblioth. Mycol.* 79: 179–180 (1981)]. The printed Checklist suggested that *R. crispula sensu auct.* was referable to *R. decurrens*, following Raillère & Gannaz [*Les Ramaria européennes*: 75 (1999)], but old British collections under this name at K are *R. flaccida* or *R. stricta*.

**crispum** Schaeff., Hydnum [non *H. crispum* Scop. (1772)], *Fung. Bavar. Palat.* 4: 98 (1774)  
A *nomen dubium*, recorded from Britain (on rotten wood) by Withering (1796). Schaeffer’s plates (showing specimens on wood and on soil) suggest *Abortiporus biennis*.

**cristatus** (Schaeff.) Kotl. & Pouzar, Albatrellus  
*Boletus cristatus* Schaeff. [non *B. cristatus* Gouan (1765)]  
*Polyporus cristatus* (Schaeff.) Fr.  
*Grifola cristata* (Schaeff.) Gray  
Change to basionym (sanctioned by Fries) and subsequent author citations. Recorded as British by Dickson [*Fasc. pl. crypt. brit.* 3 (1793)] as *Boletus cristatus* Schaeff., but for a species on tree trunks. Also recorded by Rea (1922) in beech woods as *Polyporus cristatus*. Reported on several occasions, the last from Lincolnshire in 1938, but all records are unsubstantiated with voucher material.

**cruenta** Sm., Tremella, *Engl. Bot.*: t. 1800 (1806)  
Described from Britain, but assigned to the red algae as *Porphyridium cruentum* (Sm.) Nägeli.

**cumulatum** K.A. Harrison, Hydnum  
Move to ‘included’ list.

**cupressiforme** With., Clavaria, *Bot. Arr. Brit. Pl.* ed. 2, 3: 457 (1792)  
Described from Britain on decayed wood, but a *nomen dubium* lacking a type specimen. Probably a species of *Xylaria* (*Ascomycota*).

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

A *nomen dubium*, but intended for a violet species close to *C. caerulescens*.

**cyathoides** Bolton, Agaricus

*Omphalia cyathoides* (Bolton) Gray, *Nat. arr. Brit. pl.* 1: 614 (1821)

Add *Omphalia cyathoides* to synonymy.

**cylindricum** With., Lycoperdon, *Arr. Brit. pl.* ed. 3, 4: 376 (1796)

Described from Scotland (in firs), but a *nomen dubium* lacking a type specimen. Possibly a myxomycete.

**cylindricum** With., Lycoperdon

*Geastrum cylindricum* (With.) Gray, *Nat. arr. Brit. pl.* 1: 586 (1821)

Add *Geastrum cylindricum* to synonymy. It remains a *nomen dubium*.

**danili** Rob. Henry, Cortinarius

Move from 'included' list following sequencing and redetermination, as *C. danicus*, of the single voucher collection in K (from Fermanagh, Castle Coole) which was supporting its CBIB inclusion (K. Liimatainen unpubl.).

**daulnoyae** Quél., Clavaria

Remains a *nomen dubium*. The single British collection (Warwickshire, 1978) at K has been redetermined as *C. acuta* (q.v.).

**deliquescens** (Bull.) Fr., Coprinus

Move to 'included' list as *Coprinellus deliquescens*.

**densum** Link, Sporotrichum [non *S. densum* (Ditmar) Fr. (1832)], *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 3: 13 (1809)

British material at K. Assigned to the *Ascomycota* as a synonym of *Beauveria bassiana* (Bals.-Criv.) Vuill. *fide* Stalpers (1984).

**denudatus** L., Clathrus, *Sp. pl.*: 1179 (1753)

Recorded from England (Yorkshire) by Bolton (1789), but assigned to the *Myxomycota* as *Arcyria denudata* (L.) Wettst.

**denudatus** L., Clathrus, *Sp. pl.* 2: 1179 (1753)

Recorded from England (Yorkshire) by Bolton (1789), but his illustration represents a species of the *Myxomycota* (*Arcyria denudata* (L.) Wettst.).

**destructor** (Schrad.) Bondartsev & Singer, Tyromyces

*Boletus destructor* Schrad.

*Polyporus destructor* (Schrad.) Fr.

*Polyporus destructor* var. *undulatus* Sacc.

*Poria destruens* Gray [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 639 (1821)

A *nomen dubium*, discussed by Donk (1974: 274-276). *Poria destruens* was described as a new name for the taxon. *Sensu auct.* is *Antrodia gossypium*, *A. vaillantii* or *Postia ptychogaster*.

**diabolicus** (Fr.) Fr., Cortinarius

Move to 'included' list and delete existing **Notes**.

**dichotoma** With., Tremella, *Bot. arr. veg.* 2: 733 (1776)

Described from Britain, but assigned to the *Ascomycota* as *Collema dichotomum* (With.) Coppins & J.R. Laundon.

**dicrani** (A.E. Jansen) Kits van Wav., Psathyrella

Move to 'included' list.

**difformis** With., Tremella [*nom. illegit.*, non *T. difformis* L. (1755)], *Bot. arr. veg.* 2: 733 (1776)

Described from Britain, but a *nomen dubium* lacking a type specimen. Probably a marine alga *fide* Donk (1966).

**digitata** L., Clavaria, *Sp. pl.* 2: 1182 (1753)

Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)] and Sowerby (Sow1), but assigned to the *Ascomycota* as *Xylaria digitata* (L.) Grev.

**dillenii** Davies, Agaricus, *Welsh Botany*: 124 (1813)

A *nomen dubium*, omitted from published list. Described from Wales, with reference to an earlier English collection. Davies gave no description, but referred back to Dillenius's 1724 edition of Ray's Synopsis (p. 3, n. 13) which describes a fleshy, blue-grey ('sublividus') agaric with white lamellae and short, bulbous, pale violaceous stipe growing in pastures in December. Possibly a species of *Lepista* or a variant of *Clitocybe nebularis*.

**disciformis** (DC.) Pat., Aleurodiscus

*Thelephora disciformis* DC., in de Candolle & Lamarck, *Fl. franç.*, Edn 3 (Paris) 5/6: 31 (1815)

*Stereum disciforme* (DC.) Fr., *Epicr. syst. mycol.*: 551 (1838)

*Peniophora disciformis* (DC.) Cooke, *Grevillea* 8: 20 (1879)

*Hymenochaete disciformis* (DC.) W.G. Sm., *Syn. Brit. Bas.*: 409 (1908)

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

**divaricata** (Peck) Corner., Ramaria

An American species, not authentically British. The type collection is unclamped [*fide* Petersen & Olexia, *Mycologia* 59(5): 779 (1967)], but the single specimen (from Berkshire) labelled thus in K has clamps and has been redetermined as *Ramaria flava*.

**dolabratus** Fr., Cortinarius

Move to 'included' list.

**dubia** (Pers.) Pers., Tremella, *Syn. meth. fung.*: 630 (1801)

Recorded from Britain by Gray (1821), but assigned to the *Ascomycota* as *Coryne dubia* (Pers.) Gray (anamorph of *Ascocoryne sarcoides* (Jacq.) J.W. Groves & D.E. Wilson).

**dulcis** Huds., Agaricus, *Fl. Angl.* ed. 2, 2: 614 (1778)

Described from Britain, but a *nomen dubium* lacking a type specimen. A *Lactarius* species *fide* Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)] and Fries (1821).

**duplicata** (Bosc) E. Fisch., Dictyophora

Move to 'included' list as synonym of *Phallus duplicatus*.

**durum** Pers., Sclerotium, *Ann. Bot. Usteri* 5: 31 (1794)

Recorded from Britain on herbaceous stems by Berkeley [*Engl. fl.* 5(2) (1836)], but of uncertain application.

**echiniforme** Sowerby, Lycoperdon, *Col. fig. Engl. fung.* 3: pl. 400, f. 1 (1801)

Described from Britain, but a *nomen dubium*, probably belonging to the *Myxomycota*.

**edulis** (Bull.) Gray, Pratella, *Nat. arr. Brit. pl.* 1: 626 (1821)

A *nomen dubium*. *Sensu* Gray is the cultivated mushroom (*A. bispora*) and other edible mushrooms.

**effugiens** (Bourdout & Galzin) Oberw., Tubulicrinis

Move to 'included' list.

**egenula** J. Favre, Inocybe

Move to 'included' list.

**eichleri**, (Bres.) J. Erikss. & Ryvarden, Hypochnicium

Move from 'included'. A *nomen dubium* included in error. British records *sensu* CNE4 = *H. albostramineum* or *H. punctulatum*.

**elegans** Bolton, Clavaria, *Hist. fung. Halifax* 3: 115 (1789)

*Clavaria coralloides* var. *elegans* (Bolton) Purton, *Appendix Midl. Fl.*: 269 (1821)

Described from England (Yorkshire), but a *nomen dubium* lacking a type specimen. Synonymized with *Clavulina rugosa* by Fries (1821).

**emeticea** (Singer) J. Blum, Russula

*Russula emetica* ssp. *fragilis* f. *emeticea* Singer,

- Bot. Centralbl.* 49(2): 305 (1932)  
*Russula emetica* ssp. *emeticella* (Singer) Singer  
 Move from 'included', where it is treated as a synonym of *R. silvestris*. A *nomen dubium*. Singer's original description was minimal and somewhat contradicted by his later revision, leading to several interpretations. Sensu Blum is *R. betulorum*. Sensu NCL and Rayner (1985) is *R. silvestris*. Sensu Romagnesi (*Bull. Soc. Mycol. France* 96: 304, 1980) is *R. rhodomelanea*. The combination by Hora cited in NCL would have been superfluous and was in fact never published.
- epidendrum** L., Lycoperdon, *Sp. pl.* 2: 1183 (1753)  
 Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)] and Sowerby (Sow1), but assigned to the *Myxomycota* as *Lycogala epidendrum* (L.) Fr.
- epiphylla** Dicks., Clavaria [non *C. epiphylla* Qué. (1883)], *Fasc. pl. crypt. brit.* 3: 22 (1793)  
 Described from Britain, but assigned to the *Ascomycota* as a synonym of *Mitruha paludosa* Fr.
- equinum** Willd., Lycoperdon, *Fl. Berol. Prodr.*: 412 (1787)  
 Recorded from Britain by Dickson [*Fasc. pl. crypt. brit.* 3 (1793)] and Withering (1796), but assigned to the *Ascomycota* as *Onygena equina* (Willd.) Pers.
- erosa** (Fr.) Sacc., Collybia  
 Amend notes: A *nomen dubium*. Sensu auct. is *Sagaranelia tylicolor*.  
 Name changed to *Sagaranelia erosa* (Fr.) V. Hofst., Cléménçon, Moncalvo & Redhead, in Hofstetter, Redhead, Kauff, Moncalvo, Matheny & Vilgalys, *Cryptog. Mycol.* 35(4): 419 (2015) [2014].
- erubescens** M.M. Moser, Cortinarius  
 Move from 'included' list following sequencing and redetermination, as *C. jacobi-langei* (q.v.), of the single voucher collection in K (from Merionethshire, Coed Llyn Mair) which was supporting its CBIB inclusion (K. Liimatainen).
- eruciformis** (Batsch) D.A. Reid, Calathella  
 Move to 'included' list
- esculentus** L., Phallus, *Sp. pl.* 2: 1178 (1753)  
 Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the *Ascomycota* as *Morchella esculenta* (L.) Pers.
- euonymi** Desm., Sclerotium, *Ann. Sci. Nat., Bot.* 2, 15: 134 (1841)  
 A *nomen dubium*, but British material at K is misidentified *Ceuthospora euonymi* Grove (*Ascomycota*).
- exiguus** (Pat.) Sacc., Pluteus  
 Move from 'included' list. Not authentically British. Recent revision of collections at K resulted in their redetermination, mostly as *P. hispidulus*. *P. exiguus* was included as British by Orton (BFF4: 39) backed by a single collection (1968) he made in Surrey (The Sheepleas) but voucher material named as this could not be traced at K or E. However, an Orton collection was found at E with the required collection details named in Orton's hand as '*P. pusillulus?*'. Orton stated (BFF4: 39) that the latter species was collected in the Aroid House at Kew and therefore he did not regard it as British. The collection at E (ascribed to The Sheepleas) did not match the original description of *P. pusillulus* but could not be determined. Since both *P. exiguus* and *P. pusillulus* currently lack any known supporting voucher material they are excluded.
- extinctoria** (Fr.) Redhead, Vilgalys & Moncalvo, Coprinopsis, *Taxon* 50(1): 228 (2001)  
*Coprinus extinctorius* Fr., *Epicr. syst. mycol.*: 245 (1838)  
*Agaricus extinctorius* Bull. [*nom. illegit.*, non *A. extinctorius* L. (1753)], *Herb. France* 10: pl. 437 (1790)  
 A *nomen dubium* lacking type material. Fries's description refers to a species growing on soil, thus *C. extinctoria sensu*
- auct. mult.* on wood has been redescribed as *C. spelaiophila* (q.v.).
- extinctorius** L., Agaricus [non *A. extinctorius* Bull. (1790)], *Sp. pl.*: 1643 (1753)  
*Prunulus extinctorius* (L.) Gray, *Nat. arr. Brit. pl.* 1: 632 (1821)  
 A *nomen dubium* lacking type material. Sensu Bolton (1788: 24) and Gray, it is a coprinoid species growing on sandy soil.
- fabae** Sowerby, Clavaria, *Coloured Fig. English Fungi Suppl.*: pl. 404 (1809)  
*Corynoides fabae* (Sowerby) Gray [as '*fabarum?*'], *Nat. arr. Brit. pl.* 1: 654 (1821)  
 Described from Britain on bean stalks, but a *nomen dubium* lacking a type specimen.
- fagatorium** M.M. Moser, Cortinarius  
 Move to 'included' list.
- fagatorium** M.M. Moser, Cortinarius  
 Move from 'included' list following sequencing and redetermination, as a paratype of the new species *C. aurae* (q.v.), of the single voucher collection in K (from West Kent, Mereworth Woods) which was supporting its CBIB inclusion. Further details in Hyde *et al.* [*Fungal Diversity*. 10.1007/s13225-020-00439-5 (2020)].
- fagicola** R.H. Petersen, Ramaria  
 Move to 'included' list.
- falcata** Pers., Clavaria  
 Move to 'included' list to head entry currently headed by *C. acuta* and delete existing **Notes**.
- fallax** (Sacc.) Bon, Rugosomyces, *Doc. Mycol.* 21(82): 65 (1991)  
 Name changed from *Calocybe fallax*.
- farinosa** (Holmsk.) Dicks., Clavaria, *Fasc. pl. crypt. brit.* 2: 25 (1790)  
 Recorded from Britain by Dickson [*Fasc. pl. crypt. brit.* 2 (1790)] and Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the *Ascomycota* as *Paecilomyces farinosus* (Holmsk.) A.H.S. Br. & G. Sm.
- farinosa** (Holmsk.) Dicks., Clavaria  
*Corynoides farinosa* (Holmsk.) Gray, *Nat. arr. Brit. pl.* 1: 654 (1821)  
 Add *Corynoides farinosa* to synonymy.
- fasciatus** Fr., Cortinarius  
 Move from 'included' list following sequencing and redetermination, as *C. nigromammosus* (q.v.), of the single voucher collection in K (from West Norfolk, Holkham Meals) which was supporting its CBIB inclusion (K. Liimatainen unpubl.).
- fastibile** (Pers.) P. Kumm., Hebeloma  
 Move to 'included' list as a synonym of *H. laterinum* (q.v.).
- fenestrale** (Roth) Ditmar, Sporotrichum, in Sturm, *Deutschl. Fl.* 1: 1 (1813)  
 Recorded from Britain by Cooke (1871), but a *nomen dubium* lacking a type collection *vide* Stalpers (1984).
- ferruginea** Sowerby, Clavaria, *Col. fig. Engl. fung.* 1: pl. 84 (1797)  
 Described from England (Norfolk) under firs, but assigned to the *Ascomycota* as a synonym of *Heyderia abietis* (Fr.) Link.
- ferruginea** Gray, Gyralia, *Nat. arr. Brit. pl.* 1: 593 (1821)  
 Move from synonymy with *Tremella foliacea*. A *nomen dubium*. Though based on the illegitimate *Tremella ferruginea* Sm. (itself a *nomen dubium*), Gray's description suggests a lichen (*Ascomycota*).
- fertilis** Gray, Gymnopus [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 606 (1821)  
 Described from Britain, but a *nomen dubium*. Gray placed *Agaricus phonospermus* Bull. and *A. pallidus* Schaeff. (as *A. pallidus* Sowerby) in synonymy. The former name was

synonymised with *Entoloma clypeatum* by Saccardo, the latter with *Tricholoma albellum*.

**fibrillosa** (Pers.) Maire, Psathyrella  
Mis.: *Psathyrella artemisiae* sensu auct. Brit. incl. CBIB (2005)  
Move to 'included' list to head entry previously headed by *P. artemisiae* (q.v.) and delete **Notes**.

**filia** (Bres.) Liberta, Trechispora, *Taxon* 15: 318 (1966)  
*Corticium filium* Bres.  
Name change. Listed in the printed Checklist under *Corticium filium* as "possibly a species of *Trechispora*." It remains a *nomen dubium*.

**fimbriata** With., Clavaria, *Bot. Arr. Brit. pl.* ed. 2, 3: 453 (1792)  
Described from England (Warwickshire), but a *nomen dubium* lacking a type specimen.

**fimbriatum** Fr., Tulostoma, *Syst. mycol.* (Lundae) 3(1): 43 (1829)  
Not authentically British. A 2011 collection reported from Cardiganshire (Ynyslas) [Hobart, FM13(3): 81–83 (2012)] was sequenced twice (L.M. Suz unpubl.) and redetermined as *T. brumale* based on the consistent results obtained.

**fimbriatum** Fr., Tulostoma  
Move to 'included' list.

**firmum** (Pers.) Gillet, Hebeloma, *Hymén.*: 523 (1876)  
Amend the recombining author's name and citation as above. Beker *et al.*, *FungEur*14: 596 (2016) "think it unlikely to be a *Hebeloma*".

**flabellatus** Bolton, Agaricus, *Hist. Fung. Halifax* 2: 72 (1788)  
Described from England (Yorkshire), but a *nomen dubium* lacking a type specimen. Bolton's description and plate is of a wholly white pleurotid agaric on dead grass stems. Dickson [*Fasc. pl. crypt. brit.* 2 (1790)] considered it a synonym of *A. niveus* Jacq., but this is also a *nomen dubium*.

**flammuloides** Romagn., Hebeloma  
Move to 'included' list as a synonym of *H. subtortum* (q.v.).

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

**flavobrunnescens** (G.F. Atk.) Corner, Ramaria, *Annals of Botany Memoirs No. 1*: 581 (1950)  
An American species, not authentically British. Recorded from Scotland (Perthshire) by Reid & Austwick (1963), but the collection at K is unclamped and referable to *Ramaria aurea*.

**flavovirens** Link, Sporotrichum, in Willdenow, *Linn. Sp. Pl.* 6: 17 (1824)  
Recorded from England (Nottinghamshire) by Thornton [*Trans. Brit. Mycol. Soc.* 39: 489 (1956)], but a *nomen dubium* fide Stalpers (1984).

**flavus** With., Agaricus, *Bot. Arr. Brit. pl.* ed. 2, 3: 390 (1792)  
*Agaricus laceratus* Bolton [*nom. illegit.*, non *A. laceratus* Scop. (1772); non *A. laceratus* Batsch (1783)], *Hist. fung. Halifax* 2: 68 (1788)  
A *nom. nov.* for *A. laceratus* Bolton, described from England (Yorkshire). Bolton's illustration resembles a species of *Hygrocybe*, but not *H. conica* as suggested by Fries (1821).

**flavus** L., Clathrus, *Sp. pl.*, ed. 2: 1655 (1763)  
Recorded from England (Yorkshire) by Bolton (1789), but his illustration represents a species of the *Myxomycota*.

**flexuosus** With., Agaricus [non *A. flexuosus* Fr. (1815)], *Arr. Brit. pl.* ed. 3, 4: 174 (1796)  
Described from Britain, but a *nomen dubium* and a homonym of a sanctioned name. Withering suggested it was similar to *A. ardosiacus* Bull., itself a *nomen dubium* which Quélet [*Compt. Rend. Assoc. Franç. Avancem. Sci.* 11: 392 (1883) [1882]] considered an *Entoloma* sp. Saccardo [*Syll. fung.* 5: 799 (1887)] placed *A. flexuosus* in synonymy with *Hebeloma sinapizans*.

**floriforme** Schaeff., Hydnum, *Fung. Bavar. Palat.* 4: 97 (1774)

A *nomen dubium*, recorded from England (Suffolk) by Dickson [*Fasc. pl. crypt. brit.* 1 (1785)] and Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)]. Considered a synonym of *Hydnellum compactum* by Fries (1821), but this latter species is unknown in the British Isles.

**fodiens** (Kalchbr.) Antonín & Noordel., Rhodocollybia  
*Mycotaxon* 63: 365 (1997)  
Name changed from *Collybia fodiens*.

**foetidus** With., Agaricus, *Bot. Arr. Brit. pl.* ed. 2, 3: 401 (1792)

Described from England (Worcestershire) on *Salix* sp. but a *nomen dubium*. The printed Checklist erroneously gave a later publication reference and suggested it might be synonymous with *Micromphale foetidum*, but Withering (1796) listed the latter species separately. Fries (1821) treated *A. foetidus* as close to *Tapinella atrotomentosa*.

**foliicola** Oudem., Sporotrichum, *Nederl. Kruidkundig. Archief.*, Ser. 2, 3: 764 (1902)

British material at K. A *nomen dubium*, possibly a synonym of *Aureobasidium pullulans* (de Bary) Arnaud (*Ascomycota*) fide Stalpers (1984).

**foliicola** Fuckel, Tremella, *Jahrb. Nassauischen Vereins Naturk.* 23-24: 402 (1870)

Omitted from published list. Recorded from Norfolk by Phillips & Plowright (Grevillea 13: 50), but is a conidial ascomycete, a synonym of *Hainesia rubi* (Westend) Sacc., parasitic on sori of species of *Phragmidium* on leaves of *Rubus* spp.

**fragile** Dicks., Lycoperdon, *Fasc. pl. crypt. brit.* 1: 25 (1785)  
Described from Britain, but assigned to the *Myxomycota* as *Leocarpus fragilis* (Dicks.) Rostaf.

**fragilipes** Romagn., Hebeloma

Move from 'included' list following Beker *et al.*, *FungEur*14: 282 (2016). Formerly *H. hiemale* was excluded from the list as a *nomen dubium* with the note that British records were, at least in part, *H. fragilipes*. The current view is that there are known verified collections of *H. hiemale* [as epitypified in Beker *et al.*, *FungEur*14: 326 (2016)], but currently none of *H. fragilipes*, hence its exclusion.

**fragilis** (Pers.) Donk, Dentipellis

Move from 'included' list (q.v.) and delete existing **Notes**.

**fragrans** (Vittad.) Vizzini, Gelardi & Simonini, in Vizzini, *Index Fungorum* 235: 1 (2015), Lanmaoa

Was in the 'included' list as *Boletus fragrans* but the single successfully sequenced (K. King & B.T.M. Dentinger unpubl.) British collection (Isle of Wight) was found to be misdetermined *Hemileccinum implitum*. In view of this result, the absence of any British *L. fragrans* sequences in GenBank and its Mediterranean distribution fide EurBol1, this species has been excluded until molecular evidence to the contrary is forthcoming.

**frondosa** (Fr.), Tremella

Move to 'included' list as *Phaeotremella frondosa* and delete existing **Notes**.

**frustulenta** (Fr.) A.H. Sm., Psathyrella  
*Agaricus frustulentus* Fr.

Move from 'included'. Now regarded as a *nomen dubium*. Sensu auct. is *P. cortinarioides* (q.v.).

**fuligineoviolaceus** (Kalchbr.) Pat., Sarcodon

Move to synonymy of *Hydnellum fuligineoviolaceum* (Kalchbr.) E. Larss., K.H. Larss. & Køljalg following molecular analyses [Larsson *et al. MycoKeys* 54: 31–47. (2019)].

**fuligineus** Fr., Boletus (*nom. illegit.*)

Was in the 'included' list online, but excluded in the printed book (2005). Note corrected author citation and name status

(*nom. illegit.*) and move to 'excluded' list with synonyms and existing **Notes**.

**fuliginosa** (Pers.) Lév., Hymenochaete  
Recent material (2005) at K (determined by Parmasto as 'cf.' this species) from Cornwall.

**fuliginosa** (Pers.) Lév., Hymenochaete  
Remove *H. subfuliginosa* from synonymy and move both to 'included' list.

**fuliginosa** Sarnari, Russula  
Move from 'excluded' list to the synonymy of *R. anthracina* following De Lange *et al.* [*Persoonia* 51: 152-193 (2023)].

**fuliginosum** Sowerby, Lycoperdon, *Col. fig. Engl. fung.* 3: pl. 257 (1801)  
Described from England on floating deals in the River Thames, but assigned to the *Myxomycota* as a synonym of *Amaurochaete atra* (Alb. & Schwein.) Rostaf.

**fulvus** (L.) Huds., Clathrus, *Fl. angl. ed. 2*, 2: 630 (1778)  
The description [and later illustration by Bolton (1789)] represents a species of the *Myxomycota*.

**fulvus var. olivascens** Sacc., Zygodemus, *Michelia* 2: 585 (1882)  
Listed from Yorkshire by Wakefield & Bisby (1942), but a *nomen dubium*. After examining the type collection, Larsen [*Mycol. Mem.* 4: 116 (1974)] could only assign the taxon to the genus *Tomentella*, not to a species.

**fumigata** (Peck) Corner, Ramaria  
Erroneously listed as a synonym of *R. fennica* var. *griseolilacina* in the printed Checklist. *Ramaria fumigata* was recorded from England by Corner (1950) based on collections of *R. fennica* var. *griseolilacina*, but Schild (1995) referred *R. fumigata sensu stricto* to a different variety [*R. fennica* var. *fumigata* (Peck) Schild] which is not known to be British.

**fungicola** (Corda) Sacc., Sporotrichum, *Syll. fung.* 4: 106 (1886)  
British material at K. A *nomen dubium*.

**fuscus** Corda, Zygodemus, *Icon. fung.* 4: 26 (1840)  
Listed as British by Wakefield & Bisby (1942), but a *nomen dubium*, possibly a *Tomentella* species [see Larsen, *Mycol. Mem.* 4: 117 (1974)].

**fusisporus** Kühner, Cortinarius  
Move from 'included' list. Sequenced British material is of *C. desertorum* (q.v.).

**geochroum** Desm., Sporotrichum, in Fries, *Syst. mycol.* 3(2): 416 (1832)  
Recorded from England by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but assigned to the *Ascomycota* as *Nodulisporium geochroum* (Desm.) Stalpers & de Hoog.

**gerardiana** (Peck) Singer, Omphalina  
Move from 'included' list (a synonym of *Arrhenia sphagnicola*). Now recognised as a distinct larger-spored sphagnicolous species. British records require confirmation.

**gibbosum** Dicks., Lycoperdon, *Fasc. pl. crypt. brit.* 2: 26 (1790)  
Described from Britain, but assigned to the *Ascomycota*. Possibly a synonym of *Choiromyces meandriformis* Vittad.

**gladioli** Massey, Sclerotium, *Phytopathology* 18(6): 521 (1928)  
Recorded from Britain by Wakefield & Bisby (1942), but assigned to the *Ascomycota* as the sclerotial stage of *Stromatinia gladioli* (Drayton) Whetzel.

**glandulosus** Bull., Agaricus, *Herb. France*: pl. 426 (1792)  
Recorded from Britain by Withering (1796), but a *nomen dubium*. Placed by Fries (1821) close to *Pleurotus ostreatus* and possibly a large, dark form of this.

**glauca** (Batsch) Bon, Arrhenia

Move to 'included' list and delete existing **Notes**.

**glaucoalbidum** Desm., Sclerotium, *Annl. Sci. Nat., Bot., sér.* 3 19: 34 (1851)  
Recorded from Britain by Dennis (1995), with material at K, but assigned to the *Ascomycota* as *Thysanophora glaucoalbida* (Desm.) M. Morelet.

**glaucopus** Maas Geest. & Nannf., Sarcodon  
Move from 'included' list. Analysis of ITS sequences derived from this pine-associated Scottish taxon and comparison with sequences published in 2012 [Nitare & Högberg, *Svensk Mykologisk Tidskrift* 33(3): 2-49 (2012)] indicate that the British material is misdetermined *S. scabrosus* (q.v.). Move to synonymy of *Hydnellum glaucopus* (Maas Geest. & Nannf.) E. Larss., K.H. Larss. & Kõljalg following molecular analyses [Larsson *et al.* *MycKeys* 54: 31-47. (2019)]. British material formerly filed under *S. glaucopus* now filed under *H. scabrosus* (q.v.).

**gracile** Berk., Ileodictyon, *London J. Bot.* 4: 69 (1845)  
Erroneously reported as "recently added to the British list with a collection from Suffolk [sic]" in Kibby [*Mushrooms and toadstools of Britain & Europe* 1 (2017)] referring to a collection in K from Norfolk (Hetherset). However the derived barcode seq matched those of *I. cibarium* and so the collection was redetermined as this (K. Liimatainen unpubl.).

**gracilis** Bolton, Clavaria [non *C. gracilis* Pers. (1797)], *Hist. fung. Halifax* 3: 111 (1789)  
Described from England (Yorkshire) and also illustrated by Sowerby (Sow2). A *nomen dubium* and a homonym of a sanctioned name, but appears to represent a typhuloid species.

**graminicola** (Bres.) G.E. Baker, Helicogloea  
Move from 'included' list. Following the description of *H. jozefii* (q.v.), collections in K filed as *H. graminicola*, mostly from Kew Gardens, are now redetermined as the former species.

**graniforme** Sowerby, Lycoperdon, *Col. fig. Engl. fung.* 3: pl. 257 (1801)  
Described from England (Middlesex), but assigned to the *Ascomycota* as *Cenococcum graniforme* (Sowerby) Ferd. & Winge.

**granulata** (L.) Huds., Tremella, *Fl. angl. ed. 2*, 2: 566 (1778)  
Assigned to the kingdom *Chromista* as *Botrydium granulatum* (L.) Grev.

**gregarius** Vahl, Boletus, *Fl. Danica*: t. 1018 (1790)  
A boletoid species recorded from England (Windsor Forest) by Dickson [*Fasc. pl. crypt. brit.* 3 (1793)] and from Cornwall by Withering [*Bot. Arr. Brit. pl. ed. 2*, 3 (1792)], but a *nomen dubium*. Considered a synonym of *Suillus bovinus* by Saccardo [*Syll. fung.* 6: 6 (1888)].

**grisea** (Peck) Singer, Hohenbuehelia  
Move to 'included' list.

**griseopallida** (Weinm.) Park.-Rhodes, Calyptella  
Retain in 'excluded' list but as a synonym of *Resupinatus griseopallidus* (q.v.).

**griseopallidus** (Weinm.) Knudsen & Elborne, Resupinatus, in Knudsen & Vesterholt, *Funga Nordica, Agaricoid, Boletoid and Cyphelloid Genera* (Copenhagen): 913 (2008)  
Name changed from *Calyptella griseopallida*. Replace **Notes** with: "Neotypified in Consiglio & Setti (2018), but British collections so-named require revision and could represent several different species."

**griseovelata** Kühner, Inocybe  
Move to 'included' list.

**guilleminii** Bourdot & Galzin, Clavaria  
Move from 'included'. A *nomen dubium*. British collections at K have been redetermined as *C. crosslandii* or *C. fragilis*. It is quite possible that *C. guilleminii sensu stricto* (described from France) is a synonym of *C. crosslandii*.

**hariolorum** (Bull.) Antonín, Gymnopus, Halling & Noordel., *Mycotaxon* 63: 364 (1997)  
Name changed from *Collybia hariolorum*.

**helobius** Romagn., Cortinarius  
Move to 'included' list.

**helveticus** (Singer) M.M. Moser, Chroogomphus, in Gams, *Kleine Kryptogamenflora*, Edn 3: 51 (1967)  
Not authentically British. A British collection of this was described in BFF1: 79-80 but subsequently [BFF1 2<sup>nd</sup> edn: 113-114 (2005)] regarded as misidentified *C. rutilus*.

**helvola** (Schaeff.) Masee & Crossl., Psilocybe, *Naturalist*, London: 2 (1902)

*Agaricus helvolus* Schaeff., *Fung. bavar. palat. nasc.* (Ratisbonae) 4: 48 (1774)

Omitted from the printed book in 2005. Originally recorded "on the ground among grass" from South-west Yorkshire (Cadeby) in 1901, listed by Rea (1922) and documented in Surrey in 1945. Pearson & Dennis (1948) suggested this may be a *Panaeolus* species, which would accord with Schaeffer's original painting, however its identity remains unclear and it is therefore regarded as a *nomen dubium*.

**hemispheria** With., Tremella, *Bot. arr. veg.* 2: 733 (1776)  
Described from Britain, but a *nomen dubium* lacking a type specimen. Said to be maritime and possibly a lichen (*Ascomycota*) or alga.

**herbarum** Pers. Clavaria, *Neues Mag. Bot.* 1: 118 (1794)  
Recorded and illustrated from England by Sowerby (Sow3), but a *nomen dubium*. Sensu Sowerby is probably *Acrospermum compressum* Tode. (*Ascomycota*)

**herbarum** Fr., Sclerotium, *Syst. mycol.* 2(1): 263 (1822)  
Recorded from Scotland by Berkeley [*Engl. fl.* 5(2) (1836)], but assigned to the *Ascomycota* as *Leptostroma herbarum* (Fr.) Link (an anamorphic *Lophodermium* sp.).

**hiemale** Bres., Hebeloma  
Move to 'included' list.

**hillieri** Rob. Henry, Cortinarius  
Move to 'included' list and delete existing **Notes**.

**hirtum** (Velen.) Noordel., Entoloma, *Persoonia* 10: 223 (1979)  
*Nolanea hirta* Velen., *Mykologia* 6: 28 (1929)  
*Pouzaromyces hirtus* (Velen.) P.D. Orton, *Mycologist* 5(4): 175 (1991)  
Omitted from published list. Listed as British by Orton (1991), but based on a doubtfully determined collection.

**humilis** (Pers.) Pat., Melanoleuca  
Move to 'included' list and delete existing **Notes**.

**hydrophilum**, Sacc., Sclerotium, *Syll. fung.* 14: 1141 (1899)  
Material under this name at K from Scotland (Orkney) on *Iris* sp., but a *nomen dubium* of uncertain application.

**hymenocephalus** (A.H. Sm. & Hesler) Birkebak & Adamčík, Hodophilus  
Move from 'included' list. Now regarded as a North American, but not a European, species following Adamčík *et al.* [*Mycological Progress* 19(2): 111-125 (2020)] who provide a key to the European taxa.

**hypni** Batsch, Agaricus, *Elench. fung.*: 117, t. 19: 96 (1786)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*. Placed by Fries (1821) in synonymy with *Galerina hypnorum*.

**hypoxylon** L., Clavaria, *Sp. pl.* 2: 1182 (1753)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the *Ascomycota* as *Xylaria hypoxylon* (L.) Grev.

**illibatus** Fr., Cortinarius

Move from 'included' list as currently lacking molecular evidence for inclusion. Move *C. subdelibutus* (an illegitimate name) from the synonymy of this to the synonymy of *C. myxo-anomalus* based on a comparison of ITS barcode sequences from *C. subdelibutus* holotype and *C. myxo-anomalus* syntype.

**imbutus** Fr., Cortinarius

Move from 'included' list as the only known voucher collection in K (from Merionethshire) has now been sequenced and redetermined as *C. tortuosus* (K. Liimatainen unpubl.).

**impolitus** Kauffman, Cortinarius

Move from 'included' list. Sequenced British material is of *C. desertorum* (q.v.).

**incarnatum** A.H. Sm., Hebeloma

Move from 'included' list following redetermination of two collections from Easterness (Curr Wood) and Westmorland (Roudsea) as *H. leucosarx* which were supporting its CBIB inclusion [Beker *et al.*, *FM* 18(4): 119-132 (2017)]. These authors regard *H. incarnatum* as a species "normally collected in *Sphagnum* sites with conifers, primarily in subalpine or subarctic areas".

**infida** (Peck) Masee, Inocybe

*Agaricus infidus* Peck, *Rep. (Annual) New York State Mus. Nat. Hist.* 27: 95 (1875)

*Hebeloma infidum* (Peck) Sacc., *Syll. fung.* 5: 796 (1887)

The basionym should be *Agaricus infidus* not *Hebeloma infidum* as given in the printed Checklist. Note also a change to the author and literature citation for *H. infidum*.

**ingratum** Bruchet, Hebeloma

Move to 'included' list.

**inosculans** Berk., Sporotrichum, *Engl. fl.* 5, 2: 346 (1836)

Described from Scotland, but a *nomen dubium*, assigned to the *Ascomycota* as *Trichosporum inosculans* (Berk.) Sacc. and possibly referable to the genus *Piedraia* Fonseca & Leão.

**insectorum** Petch, Aegerita, *Trans. Brit. Mycol. Soc.* 21: 63 (1937)

Described from England (Cambridgeshire) on larvae of *Urophora solstitialis* (Diptera), but presumably not basidiomycetous. The type collection at K requires re-examination.

**intermedius** Berk. & Broome, Lactarius

*Lactarius cilicioides* ssp. *intermedius* (Berk. & Broome) Sacc.

*Lactarius cilicioides* var. *intermedius* (Berk. & Broome) Rea, *Brit. basidiomyc.* 479 (1922)

*Agaricus intermedius* Krombh. [*nom. illegit.*, non *A. intermedius* Scop. (1772)]

Add *Lactarius cilicioides* var. *intermedius* to synonymy.

**irregularis** (Fr.) Fr., Cortinarius, *Epicr. syst. mycol.*

(Upsaliae): 310 (1838) [1836-1838]  
Published as British online and in the national press but subsequently redetermined as *C. nolaneiformis* (q.v.).

**isariae** Petch, Sporotrichum, *Naturalist (Hull)* 1931: 102 (1931)

Described from England (Norfolk & Yorkshire), but assigned to the *Ascomycota* as *Tritirachium isariae* (Petch) de Hoog.

**ischnostylum** (Cooke) Sacc., Hebeloma

Move to 'included' list.

**kmetii** (Bres.) Spirin & Malysheva, in Malysheva &

Spirin, *Fungal Biology* 121(8): 711 (2017), Heteroradulum

Move this (as *Eichleriella kmetii*) and its two homotypic synonyms from 'included' list (was listed in the synonymy of *E. deglubens*). Lectotyped, sequenced and shown to be a distinct species in Malysheva & Spirin [*Fungal Biology* 121(8): 689-715 (2017)].

**kuehneri** Bruchet, Hebeloma

Move to 'included' list as a synonym of *H. nigellum* (q.v.).

- labyrinthiformis** With., Agaricus [non *A. labyrinthiformis* Bull. (1792)], *Bot. Arr. Brit. pl.*, ed. 2, 3: 397 (1792)  
Misspelt in printed Checklist. Note too that it is not the same as Bulliard's species. *A. labyrinthiformis* was described from England (Warwickshire), but is a *nomen dubium*.
- labyrinthiformis** Bull., Boletus, *Hist. Champ. France*: 357 (1791)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*. Considered a synonym of *Daedaleopsis confragosa* by Fries (1821).
- lacer** Schaeff., Agaricus, *Fung. Bavar. Palat.* 4: 68 (1774)  
Recorded from England (Warwickshire) by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)]. A *nomen dubium*, considered by Fries (1821) to be a species of *Coprinus* sensu lato. Saccardo [*Syll. fung.* 5: 1022 (1887)] placed *A. lacer* in synonymy with *Stropharia calceata* (Fr.) P. Karst., a taxon not otherwise known in the British Isles.
- laceratus** Bolton, Agaricus [*nom. illegit.*, non *A. laceratus* Scop. (1772); non *A. laceratus* Batsch (1783)]  
See under *Agaricus flavus* (in this list of excluded taxa).
- laciniata** Schaeff., Clavaria, *Fung. Bavar. Palat.* 4: 122 (1774)  
A *nomen dubium*, but recorded [sensu Bulliard (1789)] from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)] and Sowerby (Sow2). Fries (1821) considered *C. laciniata* a synonym of *Clavulina rugosa*, but sensu Bulliard a synonym of *Sebacina incrustans*.
- laciniata** With., Tremella [non *T. laciniata* Bull. (1791)], *Bot. arr. veg.* 2: 732 (1776)  
Described from Britain, but a *nomen dubium* lacking a type specimen. Possibly a lichen (*Ascomycota*) *vide* Donk (1966).
- laciniatus** With., Boletus, *Bot. Arr. Brit. pl.* ed. 2, 3: 423 (1792)  
Described from England (Somerset). A polypore, but a *nomen dubium* lacking a type specimen.
- lacteus** Quél., Gyroporus  
Amend the author name (because *Boletus lacteus* Lév., previously cited as basionym, is a *nom. illegit.*) and move from synonymy of *G. cyanescens* to 'excluded' list. This has been confirmed as a distinct species by molecular analysis in Vizzini *et al.* [*Phytotaxa* 226(1): 27–38 (2015)]. It was published as a British species in Kibby [*Field Mycology* 18(2): 62–65 (2017)] and Kibby [*Mushrooms and toadstools of Britain & Europe 1* (2017)] based on a 2016 collection at K from West Suffolk (Thetford Forest). However, the barcode sequence derived from this specimen is a closer match to that derived from the epitype of *G. cyanescens* (L.M. Suz unpubl.) and it has now been redetermined. *Gyroporus lacteus* is therefore unsubstantiated with voucher material and moved to the 'excluded' list.
- lacteus** (Fr.) Fr., Irpex  
Move to 'included' list.
- lagopides** (P. Karst.) Redhead, Vilgalys & Moncalvo, Coprinopsis  
Move from 'included' list. Regarded as a *nomen confusum* to be abandoned. This name was long used for the smooth-spored species now known as *C. jonesii*. However the type collection was later found to comprise the warty-spored species known as *C. phlyctidospora* (q.v.).
- lanatum** Wallr., Sporotrichum, *Fl. crypt. Germ., Sect. II*: 276 (1833)  
Listed as British by Wakefield & Bisby (1942), but assigned to the *Ascomycota* as a synonym of *Trichoderma vulpinum* Fuckel *vide* Hughes [*Can. J. Bot.* 36: 727–836 (1958)].
- lanuginosa** (Bull.) P. Kumm., Inocybe  
Move from 'included' list. Regarded as a *nomen confusum*. Sensu CBIB2005 this is *I. stellatospora* whereas sensu NCL and FN it is *I. ovatocystis* (q.v.).
- lapponicum** (Litsch.) Ryvarden, Hyphoderma *Rep. Kevo Subarct. Res. Stat.* 8: 149 (1971)  
*Gloeocystidium lapponicum* Litsch., *Ann. Mycol.* 39: 133 (1941)  
Not authentically British. Reported from England (Berkshire: Sulham Woods) in 2001 on a fallen fence post but the voucher material at K now redetermined as *H. cryptocallimon*.
- lasiosperma** Bres., Mycena  
Retain in 'excluded' list but as a synonym of *Mycenella lasiosperma* (Bres.) Locq., *Revue Mycol.*, Paris 8: 3 (1943). Delete third sentence of **Notes**.
- lasiosperma** (Bres.) Locq., Mycenella  
*Mycena lasiosperma* Bres.  
Delete **Notes** and move to 'included' list. Add to the synonymy of *Mycenella margaritispora* (q.v.).
- latitabundus** Britzelm., Hygrophorus  
Move to 'included' list.
- laxum** Nees, Sporotrichum, *Syst. Pilze*: 49 (1817)  
Listed as British by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but a *nomen dubium* lacking a type specimen *vide* Stalpers (1984).
- leiocastaneus** Niskanen, Liimat. & Soop, Cortinarius  
Move from 'included' list following sequencing and redetermination, as *C. furfuraceus*, of the single voucher collection in K (from North Somerset, Stockhill Plantation), which was supporting its CBIB inclusion (K. Liimatainen).
- leiocastaneus** Niskanen, Liimat. & Soop, Cortinarius  
Move to 'included' list.
- lenis** (P. Karst.) Miettinen, Sidera, in Miettinen & Larsson, *Mycol. Progress* 10: 136 (2011)  
Name changed from *Skeletocutis lenis*. Replace last sentence of **Notes** with: The name *Skeletocutis lenis* has been widely used (e.g. in EurPoly2) for *Sidera vulgaris* (q.v.).
- leucodiatreta** Bon, Clitocybe  
Move to 'included' list. Delete existing **Notes**.
- leucomelaena** (Pers.) Fayod, Boletopsis  
Move from 'included'. Not authentically British. British collections have been redetermined as *B. perplexa* (q.v.).
- lichenicola** Berk. & Broome, Sporotrichum, *J. Linn. Soc., Bot.* 14: 102 (1875)  
Described from Britain, but a *nomen dubium*, possibly *Verticillium lecanii* (Zimm.) Viégas (*Ascomycota*) based on a re-examination of the type [see Stalpers (1984)].
- lichenoides** L., Tremella, *Sp. pl.* 1157 (1753)  
Listed from Britain by Withering [*Bot. arr. veg.* 2: 732 (1776)]. Referred to the lichen *Leptogium palmatum* (Huds.) Mont. (*Ascomycota*) by Donk (1966).
- lignosa** Dicks., Clavaria, *Fasc. pl. crypt. brit.* 4: 27 (1801)  
Described from Britain on rotten wood, but a *nomen dubium* lacking a type specimen.
- lignyotus** Fr., Lactarius  
Move to 'included' list.
- limosa** Rostr., Bovista  
Move from 'included' list. Recent molecular, ecological and morphological evidence [Larsson *et al.* *Mycological Progress* 8: 289–299. (2009)] has distinguished *Bovista pusilla*, which was lectotypified and epitypified, from *B. limosa*. In Britain *B. pusilla* was previously considered to be a *nomen ambiguum* (BritPuffb) and its use was discontinued. ITS sequences derived from British material determined as *B. limosa* match those of epitypified *B. pusilla*. On this basis the British collections are now filed under *B. pusilla* (q.v.).
- longicaulis** (Peck) Corner, Ramaria, *Annals of Botany Memoirs No. 1*: 600 (1950)  
An American species, not authentically British. Recorded (as *Clavaria longicaulis*) from South Hampshire (New Forest,

near Burley) in 1962 and 1965 [*News Bull. Brit. Mycol. Soc.* 25: 29 (1966)] and again from the same site in 1967 [*Bull. Brit. Mycol. Soc.* 2(1): 44 (1968)], but the last collection (at K) has been redetermined as *R. formosa*.

**longipes** (Boud.) M.M. Moser, Hohenbuehelia  
Move from 'included' list. Unknown in Britain. The three collections so named in K are misdetermined and probably quasi-stipitate growth forms of *H. petaloides*. Further details in Henrici [FM 10(4): 135 (2009)].

**longistriatum** (Peck) Noordel., Entoloma  
Move from 'included' list and delete existing entry following Brandrud *et al.* [*Agarica* 43: 85-137 (2023)] who noted that, since this was originally described from the USA and lacks a sequenced type, it should be excluded from European lists until DNA-based evidence to the contrary is forthcoming. See entries for *E. sarcitulum* and *Leptonia majuscula* (to which Brandrud *et al.* apply the currently provisional name "*E. majusculum* (Kühner & Romagn.) Noordel., O.V. Morozova, Brandrud & Dima in print s.l.").

**luridus var. rubriceps** (Maire) Dermek, Boletus  
Move from 'included' list. A collection in K supporting its British status (Berkshire) and inclusion in BFF1 (rev.) was sequenced and redetermined as *B. mendax* (q.v.).

**luridus var. rubriceps** (Maire) Dermek, Boletus  
Now recombined as *Suillellus luridus* var. *rubriceps* (Maire) Blanco-Dios.

**luteoalba** (Bolton) Gray, Mycena  
Move from 'included'. A *nomen dubium*. Sensus auct. = *M. flavoalba*.

**luteolosperma** (Britzelm.) Singer, Melanoleuca  
Delete existing **Notes** and move to 'included' list to head of entry formerly headed by *M. pseudoluscina* (which becomes a synonym) following the taxonomy in Antonín *et al.* [*J. Fungi* 7: 191. (2021)].

**macra** (Sommerf.) Niemelä, Antrodia  
Move from 'included' list. A single collection at K on *Salix* from South Hampshire (New Forest, Millyford Bridge) now redetermined as *A. ramentacea*. Reported from Norfolk but unsubstantiated with voucher material.

**macra** (Sommerf.) Niemelä, Antrodia  
Move to 'included' list.

**macrodon** Pers., Hydnum  
Move from 'included' list (as synonym of *Bankera fulgineoalba*). This is a *nomen dubium* *fide* Donk [*Persoonia* 2(2): 233-234 (1962)], possibly *Mucronella* sp.

**macrosporum** Grev., Sporotrichum, *Fl. edin.*: 464 (1824)  
Described from Scotland as 'very common' on apple and peach trees. The name has been applied to a powdery mildew, presumably the oidial state of *Podosphaera leucotricha* (Ellis & Everh.) E.S. Salmon.

**maculare** Fr., Sclerotium, *Syst. mycol.* 2(1): 256 (1822)  
Material under this name at K from England (Essex) in fallen leaves of *Betula* sp., but a *nomen dubium* of uncertain application.

**maculata var. scorzonerea** (Fr.) Lennox, Rhodocollybia,  
*Mycotaxon* 9: 214 (1979)  
Name changed from *Collybia maculata* var. *scorzonerea*.

**madidum** Gillet, Entoloma  
Move to 'included' list.

**mairei** Donk, Ramaria  
Move from 'excluded' and place in synonymy with *R. pallida* (see included *Basidiomycetes*, above).

**malorum** Kidd & Beaumont, Sporotrichum, *Trans. Brit. Mycol. Soc.* 10: 111 (1924)  
Described from England on apples, but now assigned to the *Ascomycota* as *Phialophora malorum* (Kidd & Beaumont) McColloch.

**mamosus var. minor** Boud., Lactarius, *Icon. Mycol.* 4: 29 (1: pl. 58) (1911)  
Recorded from Britain by Rea (1922), but a *nomen dubium* lacking a type specimen.

**mamosus var. monstrosus** Cooke, Lactarius, *Handbook of British Fungi*, Edn 2: 315 (1883)  
Described from Britain, but a *nomen dubium* lacking a type specimen.

**marginatum** (J. Favre) Bruchet, Hebeloma  
Move from 'included' list as the supporting Scottish voucher collection in E has been redetermined as *H. mesophaeum* [Beker *et al.*, FM 18(4): 119-132 (2017)]. These authors regard *H. marginatum* as an arctic/alpine species usually growing in association with *Salix* shrubs whose range might possibly extend to the mountains of Scotland.

**marginella** (Fr.) Rea, Mycena [*nom. illegit.*, non *M. marginella* (Pers.) P. Kumm. (1871)], *Brit. Basidiomyc.*: 373 (1922)  
*Agaricus marginellus* Fr. [*nom. illegit.*, non *A. marginellus* Pers. (1801)], *Hym. Eur.*: 131 (1874)  
Omitted from published list. A *nomen dubium*. Sensus Rea = *Mycena amicta*.

**maritimum** G.K. Sutherl., Sporotrichum, *New Phytol.* 15: 43 (1916)  
Described from England (Dorset) on seaweed, but a *nomen dubium* lacking a type specimen *fide* Stalpers (1984).

**medulla-panis** (Jacq.) Donk, Perenniporia  
Move from 'included' list. Historical British specimens at K now redetermined, mostly as *Schizophora* spp., but those on worked timbers represent *Perenniporia meridionalis* (q.v.), an alien not previously recorded from Britain.

**medullata** Romagn., Russula  
Move to 'included' list.

**mellita** (Bourdot) Bondartsev & Singer, Ceriporia  
Move to 'included' list.

**menieri** (Boud.) Singer, Gloiocephala, *Sydowia* 14: 272 (1960)  
Name changed from *Marasmius menieri*. Replace last sentence of Notes with: British collections of this species at K are now filed under *Gloiocephala cornelii* but require re-examination as few were found on *Cladium*.

**menieri** (Boud.) Singer, Gloiocephala  
Move to 'included' list.

**menthae** Berk. & Broome, Rhizoctonia, *Ann. Mag. Nat. Hist.*, Ser. 3, 7: 17 (1861)  
Described from England, but of uncertain application. *Fide* Buddin & Wakefield [*Trans. Brit. Myc. Soc.* 12: 137 (1927)] this is a *Tuberculina* sp. on *Puccinia menthae*.

**merdarium** Ehrenb., Sporotrichum, *Sylv. mycol. berol.*: 10 (1818)  
Recorded from England (Herefordshire) on dog dung [Wakefield & Bisby (1942)], but assigned to the *Ascomycota* as *Chrysosporium merdarium* (Ehrenb.) J.W. Carmich.

**metachroides** Harmaja, Clitocybe  
Move to 'included' list.

**metachroides** Harmaja, *Karstenia* 10: 99 (1969), Clitocybe  
Published as British in Editorial of FM 14(1): 2 (2013) but subsequently shown to be misdetermined *Clitocybe amarescens* in FM 14(2): 39-40 (2013).

**militaris** L., Clavaria, *Sp. pl.*: 1182 (1753)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the *Ascomycota* as *Cordyceps militaris* (L.) Link.

**minimum** Schwein., Geastrum  
Move from 'included' list as the name is now regarded as a *nomen ambiguum* and *nudum* [Zamora *et al.*, *Persoonia* 34:

130–165 (2015)]. These authors distinguished two European 'minimum group' segregate species *G. granulatum* and *G. marginatum*. All ITS sequences derived from British material previously assigned to *G. minimum* clustered with those of *G. marginatum*. British *G. minimum* collections assigned to *G. marginatum* (q.v.) on this basis.

**minuta** (Leers) With., *Nidularia*, *Arr. Brit. pl.* ed. 3, 4: 358 (1796)

*Cyathus minutus* (Leers) Hoffm., *Veg. Crypt.* 2: 6 (1790)  
Recorded from Britain by Withering (1796) and (as *Cyathus minutus*) by Sowerby (Sow2), but assigned to the *Myxomycota* as *Craterium minutum* (Leers) Fr.

**minutulus** Schaeff., *Agaricus*, *Fung. Bavar. Palat.* 4: 72 (1774)

Recorded from Britain by Dickson [*Fasc. pl. crypt. brit.* 1 (1785)] and Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*. Placed by Fries (1821) in synonymy with *Coprinellus disseminatus*, but later recombined as *Psathyrella minutula* (Schaeff.) Murrill.

**minutum** Desm., *Sclerotium*, *Plantes Crypt. France* ed. 1, ser. 1 no. 538 (1831)

British material at K on *Rhinanthus* stems & capsules. A *nomen dubium*, probably sclerotia of a *Botrytis* sp. (*Ascomycota*), but some British specimens represent rust sori on leaves.

**minutum** Grev, *Sporotrichum*, *Mem. Wern. Nat. Hist. Soc.* 4: 68 (1822)

Described from Scotland, but a *nomen dubium* lacking a type specimen *vide* Stalpers (1984).

**mitrata** Holmsk., *Clavaria*, *Beata ruris* 1: 24, t. 9 (1790)

Recorded from Scotland by Dickson [*Fasc. pl. crypt. brit.* 4 (1801)] citing Holmskjöld's *C. mitrata* 'b' as 'var. *viride*', but *C. mitrata* 'b' is assigned to the *Ascomycota* as *Microglossum viride* (Schrad.) Gillet.

**molle** (Bon) Lannoy & Estadès, *Leccinum Krombholziella mollis* Bon

Move from 'included' list (as synonyms of *L. scabrum*). This is a *nomen dubium fide* den Bakker & Noordeloos [*Persoonia* 18(4): 511-587 (2005)] with poorly preserved type material. It has been applied to soft-capped greenish forms of *L. scabrum* in damp locations and probably also to other species when old, soft and greenish.

**morganii** (Peck) H.E. Bigelow, *Hygrophoropsis*  
Move to synonymy of *Aphroditeola olida* (q.v.).

**multiformis** Fr., *Cortinarius*  
Move to 'included' list.

**murinaceum** (J. Blum) Bon, *Leccinum Boletus murinaceus* J. Blum

Move from 'included' list (as synonyms of *L. scabrum*). This is a *nomen dubium fide* den Bakker & Noordeloos [*Persoonia* 18(4): 511-587 (2005)] as the type is in poor condition and the description could refer to *L. melaneum*. Some British records probably refer to *L. scabrum*.

**muscorum** Pers., *Sclerotium*, *Syn. meth. fung.* 1: 120 (1801)  
Recorded from Britain by Berkeley [*Engl. fl.* 5(2) (1836)], Wakefield & Bisby (1942), and Dennis (1995), but of uncertain application.

**mustelina** Fr., *Russula*  
Move from 'included' list (q.v.).

**mustialensis** (P. Karst.) Thorn, *Hohenbuehelia*  
Name changed from *H. reniformis* (which becomes a synonym of this) following monographic treatment by Consiglio & Setti (2018). Delete first sentence of **Notes**.

**mutatum** (Peck) Donk, *Hyphoderma*  
Move to 'included' list.

**nauseosum** Sacc., *Hebeloma*

Amend author citation [replacement name for the illegitimate *Agaricus nauseosus* Cooke (1887)] and move to 'included' list with *H. gigaspermum* reduced to a synonym.

**necator** (Bull.) Pers., *Lactarius*

*Lactarius necans* Gray [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 625 (1821)

Add *Lactarius necans*, published as a new name for *L. necator*, to synonymy.

**neerlandicus** (Huijsman) Contu, *Gymnopilus*

*Hebelomina neerlandica* Huijsman

Move from 'included' list. Of the five specimens in K collected from Surrey (Esher/Oxshott) and originally named as *Hebelomina neerlandica*, two have now been sequenced and redetermined as white/pale forms of *G. cf. penetrans*. Hence the remaining three have been similarly redetermined. Further details in Eberhardt *et al.* [*Plant Ecology & Evolution* 151(1): 96-109 (2018)].

**neglectum** Berk., *Sclerotium*, *Ann. Mag. Nat. Hist.*, Ser. 1, 1: 205 (1838)

Described from Britain as 'very common' on dead leaves, but of uncertain application. The type collection at K needs re-examination.

**nemoralis** With., *Agaricus*, *Bot. Arr. Brit. pl.* ed. 2, 3: 350 (1792)

Described from England (Warwickshire), but a *nomen dubium* lacking a type specimen. Probably referable to a *Collybia* sp.

**nervale** (Alb. & Schwein.) Fr., *Sclerotium*, *Syst. mycol.* 2(1): 260 (1822)

Recorded from Britain on leaves by Wakefield & Bisby (1942), but of uncertain application.

**nigra** With., *Tremella* [non *T. nigra* Bonord. (1851)], *Bot. arr. veg.* 2: 734 (1776)

Described from Britain, but a *nomen dubium* lacking a type specimen. Possibly a lichen (*Ascomycota*).

**nigrellus** (Pers.) P.D. Orton, *Claudopus*

Note that the synonym *Entoloma nigrellum* (Pers.) Noordel., listed in the CBIB book (p. 401), refers to the combination published as *E. nigrellum* (Quél.) Noordel. in Noordeloos [*Persoonia* 11(2): 150 (1981)], which is likely to have been made in error. This combination cannot have the basionym *Rhodophyllus nigrellus* Quél., as cited in Noordeloos (1981), because that name is itself a combination and has the basionym *Agaricus nigrellus* Pers. Furthermore, there is no mention of this "basionym" on the cited page of Quélet's publication; instead that page includes a confusingly similar name, *Eccilia nigella* Quél., which belongs to a different species. The combination *Entoloma nigellum* was subsequently published by Noordeloos in *FungEur5* in 1992. Index Fungorum has now treated the above 1981 combination made by Noordeloos as an orthographic error correctable to *Entoloma nigellum* (Quél.) Noordel. and cites this as the currently validly published and accepted name (based on the above evidence supplied by D. Mitchel). Thus, when the same combination was made in 1992 it produced an isonym which should therefore be disregarded.

**nigricans** (Fr.) P. Karst., *Phellinus*

Move from 'included'. Not authentically British. "A single confirmed collection from Easterness (Craigellachie NNR) in 1997" recorded on *Betula* but the voucher material at K now redetermined as *Porodaedalea pini* on *Pinus*.

**nigrum** (Link) Fr., *Sporotrichum*, *Syst. mycol.* 3(2): 416 (1832)

Recorded from Scotland by Berkeley [*Engl. fl.* 5(2) (1836)], but assigned to the *Ascomycota* as *Virgaria nigra* (Link) Nees.

**nivea** With., *Tremella* [non *T. nivea* R. Hedw. (1802)], *Bot. arr. veg.* 2: 731 (1776)

Described from wine vaults in Britain, but a *nomen dubium* lacking a type specimen. Possibly just mycelium *fide* Donk (1966).

**niveipes** (Murrill) Murrill, *Mycena*  
Move to 'included' list.

**niveus** Jacq., *Agaricus* [*nom. illegit.*, non *A. niveus* Pers. (1801); non *A. niveus* Scop. (1772)], *Fl. austriac.* 3: 48, t. 288 (1775)

Erroneously listed as '*A. niveus* Sowerby' in the printed Checklist, but Jacquin was the original author. Recorded from Britain by Dickson [*Fasc. pl. crypt. brit.* 1 (1785)] and Sowerby (Sow1). A *nomen dubium*, but Sowerby's illustration depicts a *Crepidotus* sp.

**nostoc** L., *Tremella*, *Sp. pl.* 2: 1157 (1753)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the *Cyanobacteria* as *Nostoc commune* Vaucher ex Bornet & Flahault.

**nudus** L., *Clathrus*, *Sp. pl.* 2: 1179 (1753)  
Recorded from England (Yorkshire) by Bolton (1789), but his illustration represents a species of the *Myxomycota*.

**obatra** (Favre) Redhead, Lutzoni, Moncalvo & Vilgalys, *Arrhenia*

*Omphalia obatra* Favre

*Omphalina obatra* (J. Favre) P.D. Orton

Move from 'included' list and delete existing **Notes**. For further details see main entry for *A. obatra*.

**obliqua** Masee, *Guepinia*, *Brit. fung.-fl.* 1: 418 (1892)  
*Ditiola obliqua* (Masee) Rea, *Brit. basidiomyc.*: 743 (1922)  
Described from Britain on wood, but a *nomen dubium* lacking a type specimen.

**obnubilis var. crenatus** Masee, *Lactarius*, *Brit. fung.-fl.* 3: 36 (1893)

Described from Britain, but a *nomen dubium* lacking a type specimen.

**obsoleta** (Batsch) Quél., *Clitocybe*  
Move to 'included' list.

**obtusiforme** J. Erikss. & Å. Strid, *Hyphoderma*  
Move to 'included' list.

**obtusus** Pers., *Boletus*, *Observ. mycol.* 2: 4 (1800)  
A *nomen dubium*. Recorded from Britain 'on old willow-trees' by Gray [*Nat. arr. Brit. pl.* 1: 642 (1821)]. Persoon [*Syn. meth. fung.*: 538 (1801)] treated the taxon as a variety of *Fomes fomentarius* and a synonym of *B. igniarius* sensu Bulliard.

**occidentalis var. obscurus** (M.M. Moser) Quadr., *Cortinarius*  
Move from 'included' list following sequencing and redetermination, as *C. collocandoides*, of the single voucher collection in K (from West Kent, Orpington) which was supporting its CBIB inclusion (K. Liimatainen unpubl.).

**ochracea f. macrospora**, *Conocybe* [*nom. nud.*]  
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.

**oculatum** Bruchet, *Hebeloma*  
Move to 'included' list as a synonym of *H. hiemale* (q.v.).

**odorata** (Cool) Imbach, *Squamanita*  
Move to 'included' list.

**olida** (Quél.) Redhead & Manfr. Binder, *Aphroditeola*, *Index Fungorum* 15: 1 (2013)

*Cantharellus olidus* Quél., in Cooke & Quélet, *Clavis syn. Hymen. Europ.* (London): 148 (1878)

Move *Hygrophoropsis olida* from synonymy of *H. morgani* to head this excluded entry with name change to *Aphroditeola olida*. *H. morgani* becomes a synonym.

**olivaceum** Pers., *Sporotrichum*, *Mycol. eur.* 1: 81 (1822)  
Listed as British by Wakefield & Bisby (1942), but a *nomen dubium* identifiable from the type collection only as a *Tomentella* sp. *fide* Stalpers (1984).

**olivaceus** Bolton, *Clathrus*, *Hist. fung. Halifax* 3: 92 (1789)

Described from England (Yorkshire), but Bolton's illustration represents a species of the *Myxomycota*.

**ophioglossoides** L., *Clavaria*, *Sp. pl.* 2: 1182 (1753)  
Recorded as British by Bolton (1788) and illustrated by Sowerby (Sow1) as a *Xylaria* sp. (*Ascomycota*). A *Geoglossum* sp. (*Ascomycota*) *fide* Saccardo [*Syll. Fung.* 8: 43 (1889)]

**oreina** Singer, *Russula*, *Bull. Soc. Mycol. France* 54: 142 (1938)

Not authentically British. Considered by Singer (1986) to be an earlier name for *R. pascua* with *Salix* spp, though originally described from Mongolia with *Dryas* sp. Now considered distinct. *Russula oreina sensu* B&K6, NM2, and British records is *R. pascua*.

**orobanches** Schwein., *Sclerotium*, *Schr. naturf. Ges. Leipzig* 1: 57 (1822)

Material under this name at K from the Channel Islands (Guernsey), but a *nomen dubium* of uncertain application.

**palmata** (Pers.) Quél., *Ramaria*, *Fl. mycol. France*: 467 (1888)

*Clavaria palmata* Pers. [non *C. palmata* Scop. (1772)], *Comment. Fungis Clavaeform.* 45 (1797)

A *nomen dubium*, distinct from *Clavaria palmata* Scop. and omitted from the printed Checklist. *Sensu* Rea (1922), supported by a watercolour at K, is probably *Ramaria gracilis*. *Sensu* Reid (in herb. K) is certainly *R. gracilis*.

**papyricola**, *Sclerotium* [*nom. nud.*]

Listed from Scotland (Mull) in soil by Dennis (1986), but the name has not been traced.

**parasitica** Willd., *Clavaria* [non *C. parasitica* Viégas & Teixeira (1945)], *Fl. Berol. Prodr.*: 405 (1787)

Recorded from England (Norfolk) by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*. From Withering's description a *Cordyceps* sp. (*Ascomycota*) on *Elaphomyces* spp.

**parvus** With., *Agaricus*, *Bot. Arr. Brit. pl.* ed. 2, 3: 347 (1792)  
A superfluous *nomen novum* for *A. corticalis* Bull. (since for Withering the species was not normally on bark). *Agaricus corticalis* is a *nomen dubium*, but was considered synonymous with *A. corticola* Pers. by Fries (1821). The latter species, recombined as *Mycena corticola*, is also a *nomen dubium*, but may be referable to *M. meliigena*.

**peltigerina** (Peck) Redhead, Lutzoni, Moncalvo & Vilgalys, *Arrhenia*

Move from 'included' list and delete existing **Notes**. This is now recognised as a North American species whereas *A. peltigerina sensu auct.* Brit. represents *A. cupulatooides* and *A. mohniensis* (q.v.).

**percandidum** (Vassilkov) Watling, *Leccinum*

*Boletus percandidus* Vassilkov, *Sovietsk. Bot.* 2: 27 (1944)

*Boletus versipellis* var. *percandidus* (Vassilkov) Vassilkov, *Edible and poisonous fungi cent. Eur. dist. U.S.S.R.*: 37 (1948)

*Krombholzia aurantiaca* f. *percandida* (Vassilkov) Vassilkov, *Notulae Syst. Sect. Crypt. Inst. Bot. Acad. Sci. U.S.S.R.* 11: 139 (1956)

Move to 'included' list as synonyms of *L. versipelle* (q.v.).

**permixta** (Barla) Pacioni, *Macrolepiota*

This taxon was epitypified in Vizzini *et al.* [*Mycotaxon* 117: 149-164 (2011)] where it was also reduced in rank and recognised as *M. procera* forma *permixta*. Extend the final sentence of **Notes** with the following: "sensu Vellinga FAN5

which, following Vizzini *et al.* (2011), should now be recognised as *M. rhodosperma*'.

**personata** (Fr.) Cooke, Lepista, *Handb. Brit. fung.*, Edn 1: 193 (1871)

*Agaricus personatus* Fr., *Syst. mycol.* 1: 50 (1821)

Remove from synonymy with *L. saeva*. A *nomen dubium*. The taxon was originally described as having a pileus ranging in colour from violaceous to white, and as such has been variously interpreted as *L. nuda* (e.g. NCL) or as *L. saeva* (e.g. Cooke, 1871).

**pertusum** Sowerby, Lycoperdon, *Col. fig. Engl. fung., Suppl.*: pl. 412, f. 2 (1809)

Described from England (Berkshire), but a *nomen dubium* lacking a type specimen. Sowerby's illustration depicts a *Lycoperdon* species, possibly *L. pratense*.

**phaeophyllus** P. Karst., Cortinarius

Move from 'included' list following sequencing and redetermination, as *C. uraceonemoralis* (q.v.), of the single voucher collection in K (from South Devon, Stover Park), which was supporting its CBIB inclusion (K. Liimatainen).

**phaeosmus** Rob. Henry, Cortinarius

Move from 'included' list following sequencing and redetermination, as *C. disjungendus*, of the single voucher collection in K (from South Somerset, Horner Woods) which was supporting its CBIB inclusion (K. Liimatainen unpubl.).

**phaeosmus** Rob. Henry, Cortinarius

Move to 'included' list.

**phaeoxanthus** (Romagn.) Adamčík & Jančovič., Hodophilus in Adamčík, Dima, Adamčíková, Harries, Læssøe, Moreau & Jančovičová, *Mycol. Progr.* 17(9): 1108 (2018)

Move *Hygrophorus phaeoxanthus* from synonymy of *Hodophilus micaceus* (in 'included' list) to the synonymy of this excluded and distinct species.

**phylacteris** (Bull.) Lam. & DC., Thelephora, *Fl. franç.*, ed. 3, 2: 106 (1805)

*Auricularia phylacteris* Bull., *Herb. France*: pl. 436, f. 2 (1792)

*Tomentella phylacteris* (Bull.) Bourdot & Galzin, *Bull. Soc. Mycol. France* 36: 81 (1920)

*Hypochnus phylacteris* (Bull.) Rea, *Trans. Brit. Mycol. Soc.* 12: 222 (1927)

*Thelephora phylacteris* (Bourdot & Galzin) Corner [*comb. superfl.*], *Nova Hedwigia Beih.* 27: 78 (1968)

A *nomen dubium* [see Larsen, *Mycol. Mem.* 4 (1974)]. Move from 'included', where previously listed as a synonym of *Thelephora terrestris*. Note also changes to author citations and publication references, as well as the addition of the basionym. Listed as British by Withering (1796), by Rea (1927), where considered to be an unclamped species of *Tomentella* (probably *T. fuscocinerea*), and by Corner (1968), where considered to be a distinct, unclamped species of *Thelephora*. Note that Corner cited a non-existent basionym for the species based on the description of *Tomentella phylacteris* in Bourdot & Galzin (1928).

**picinus** Fr., Lactarius

Move to 'included' list.

**pinacearum** Thorn, Hohenbuehelia

Move from 'included' list following Consiglio & Setti's (2018) monograph which stated that this is a N. American species. European collections named as this should be renamed *H. josserandii*.

**pisiforme** Jacq. [as '*pysiforme*'], Lycoperdon, *Misc. Austriaca* 1: 137 (1778)

Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*, probably a species of the *Myxomycota*.

**plana** With., Tremella [non *T. plana* F.H. Wigg. (1780)], *Bot. arr. veg.* 2: 734 (1776)

Described from Britain, but a *nomen dubium* lacking a type specimen. Possibly an *Exidia* sp. *vide* Donk (1966).

**poliopus var. alpigenum** (J. Favre) Bon, Entoloma, *Mycol. Helv.* 3(3): 317 (1989)

Not authentically British. Reported from England (Derbyshire: Chatsworth Park) in 2004 but unsubstantiated with voucher material.

**polymorpha** Sowerby, Clavaria, *Col. fig. Engl. fung.* 3: pl. 276 (1801)

Described from England on elm leaves, but a *nomen dubium* lacking a type specimen. Sowerby's illustration resembles the young stage of *Sclerotium complanatum* (anamorph of *Typhula setipes*).

**polyrhizum** (J.F. Gmel.) Pers., Scleroderma

Delete *S. geaster* from synonymy. Both species are epitypified with sequenced collections in Ortiz-Rivero *et al.* [*Phytotaxa* 510(1): 1-17 (2021)]. They are clearly distinct, but neither is authentically British.

**poppyzon** Melot, Cortinarius

Move from 'included' list following sequencing, matching with the sequence from a holotype and redetermination, as *C. quarciticus*, of the single voucher collection in K (from South Aberdeenshire, Inverey), which was supporting its CBIB inclusion (K. Liimatainen). This collection was documented (as *C. poppyzon*) in Kibby & Burnham [FM10(1): 19-23 (2009)]. Although the name *C. poppyzon* Melot predates *C. quarciticus* H. Lindstr., Melot's type specimens have not been made available for DNA sequencing.

**populinum** Romagn., Hebeloma

Move from 'included'. Not authentically British. Said to be a southern species with *Populus* & *Salix* spp (Vesterholt, FNE3), so British records with *Betula* and *Picea* spp are doubtful and require re-examination.

**populinum** Romagn., Hebeloma

Move to 'included' list.

**porphyrogriseum** Noordel., Entoloma

Move to 'included' list.

**porreus** (Pers.) Fr., Marasmius

*Mycena porrea* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 619 (1821)  
Add *Mycena porrea* to synonymy.

**praestigiosus** (Fr.) M.M. Moser, Cortinarius

Move to 'included' list.

**psammocephalus** (Bull.) Fr., Cortinarius

Move from 'included' list. The taxon formerly in the 'included' list was *C. psammocephalus* sensu CFP 4: 18 (1998), a species associated with deciduous trees. However, Liimatainen [*Index Fungorum* No. 344 (2017)] concluded that this was not *C. psammocephalus* in the original sense and hence it is now excluded. *Cortinarius psammocephalus* sensu CFP 4 is now recognised as *C. quercoconicus* (q.v.).

**psammophilum** Bon, Hebeloma

Move from 'included' list following redetermination of British collections, including the voucher from Westmorland (Sandscale Haws), as *H. dunense* which were supporting its CBIB inclusion, [Beker *et al.*, FM 18(4): 119-132 (2017)]. These authors regard *H. psammophilum* as a shifting-dune-associated species growing in association with *Salix* and *Pinus*. It is present on the northern coast of France.

**psammophilum** Bon, Hebeloma

Move to 'included' list.

**pseudoasterospora** Kühner & Boursier, Inocybe

Move from 'included' list. The type var. was included in CBIB2005 in error. The associated entry should be headed by *I. pseudoasterospora* var. *microsperma* (q.v.).

- pseudocuneifolium** Herink ex Bon, Dermoloma  
Move from 'included' list and delete existing **Notes**. Now regarded as a *nomen dubium* following Adamčíková *et al.* [*IMA Fungus* 16(e157337): 1-145 (2025)].
- pseudohiulca** Kühner & Boursier, Inocybe  
Move from 'included' list. The only British record was misdetermined.
- pseudolimbatum** Hollós, Geastrum  
Move from 'included' list. British material from Surrey (Shalford) now redetermined based on ITS sequence analysis as *G. coronatum*.
- pseudoprivignus** Rob. Henry, Cortinari  
Delete **Notes** and move to synonymy of *C. hydrotelamonoides* in the 'included' list following Liimatainen *et al.* [*Fungal Diversity* 104: 291-331 (2020)].
- pseudosubtilis** R.H. Petersen, Ramariopsis  
An American species, not authentically European. British material at K has been redetermined as *R. subtilis* (q.v.).
- pubescens** Pers., Sclerotium, *Syn. meth. fung.* 1: 123 (1801)  
Material under this name at K from England (Herefordshire) on decaying *Meripilus giganteus* and an indet. fungus. Probably the sclerotial state of *Collybia tuberosa*.
- pulcher** (Pers.) Gray, Coprinus, *Nat. arr. Brit. pl.* 1: 635 (1821)  
A *nomen dubium*, possibly *Parasola plicatilis*.
- pulchrum** Lannoy & Estadès, Leccinum  
Move from 'included' list (as a synonym of *L. roseofractum*). A synonym of *L. rotundifoliae* *vide* den Bakker & Noordeloos [*Persoonia* 18(4): 511-587 (2005)] unknown in Britain. British collections so named are probably pink-tinged forms of *L. scabrum*.
- pulla** (Schaeff.) Gillet, Collybia  
Replace notes with: A *nomen dubium* lacking type material. Antonín & Noordeloos (A&N4 CD) regard this as probably *Rhodocollybia prolixa* var. *distorta*. See TBMS 2: 13 (1907) for the description and illustration of the British collection (South Essex: Epping Forest).
- pulverulenta** (Lév.) Cooke, Coniophora, *Syll. fung.* 6: 649 (1888)  
*Thelephora pulverulenta* Lév., *Ann. Sci. Nat., Bot.*, sér. 3, 5: 149 (1846)  
Omitted from published list. A tropical species, reported as British by Masee (1892) and Rea (1922), but misdetermined.
- puniceus** With., Agaricus [non *A. puniceus* Fr. (1821)], *Bot. Arr. Brit. pl.* ed. 2, 3: 497 (1792)  
Described from England (Staffordshire), but a *nomen dubium* and a homonym of a sanctioned name. Possibly *Calocybe carnea*. Note change to publication details from the printed Checklist.
- purpurea** (Fr.) Dentinger & D.J. McLaughlin, Alloclavaria, *Mycologia* 98: 757 (2007)  
*Clavaria purpurea* Fr.  
Move from 'included' (as *Clavaria purpurea*). Not authentically British. British collections at K are misdetermined (most are *C. incarnata*).
- purpurea** L., Tremella, *Sp. pl.* 1158 (1753)  
Listed from Britain by Withering [*Bot. arr. veg.* 2: 733 (1776)]. Referred to the imperfect state of *Nectria cinnabarina* (Tode) Fr. (*Ascomycota*) by Donk (1966).
- pusilla** (Batsch) Pers., Bovista  
Move to 'included' list.
- pusillulus** Romagn., Pluteus, *Rev. Mycol.* 5 (*Suppl.*): 23 (1940)  
Not authentically British. For further details see 'excluded' entry for *P. exiguus*.
- pusiola** (Fr.) R. Heim, Agrocybe  
Move to 'included' list.
- pustula** DC., Sclerotium, *Fl. Fr.* 5/6: 113 (1815)  
Recorded from Britain on oak leaves by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but assigned to the *Ascomycota* as the sclerotial stage of *Ciborinia candolleana* (Lév.) Whetzel.
- pyramidatus** Schaeff., Agaricus, *Fung. Bavar. Palat.* 4: 56 (1774)  
Recorded from Britain by Withering (1796), but a *nomen dubium*. A synonym of *A. pascuus* *vide* Fries (1821). The latter species, recombined as *Entoloma pascuum*, is also a *nomen dubium*, but may be referable to *E. conferendum*.
- pyrotrichum** var. **egregium** Masee, Hypholoma  
Correction to spelling. Mistakenly listed in the printed Checklist as 'pyrotricha' var. *egregia*.
- queletii** (Bourdot & Galzin) Hallenb. & Hjortstam, Steccherinum, *Mycotaxon* 31(2): 443 (1988)  
Listed in error from South Hampshire in Dickson & Leonard (1996), based on a record of *Hydnum queletii* (a synonym of *Hydnellum concrecens*).
- querceus** (Britzelm.) Antonín & Noordel., Mycetinis, in Noordeloos & Antonín, *Czech Mycol.* 60(1): 26 (2008)  
Name changed from *Marasmius querceus*.
- quercigenum** Berk., Sclerotium, *Engl. Fl.*, ed. 2 5(2): 222 (1836)  
Described from England (Northamptonshire) on felled oaks, but of uncertain application.
- quercinum** Pers., Sclerotium, *Neues Mag. Bot.* 1: 95 (1794)  
A *nomen dubium*. Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 591 (1821)] on fallen oak leaves.
- radicatum** (Cooke) Maire, Hebeloma  
Move to 'included' list as a synonym of *H. birrus* (q.v.).
- radiculata** (Sowerby) G.W. Martin, Femsjonina, *Univ. Iowa Stud. nat. Hist.* 19(3): 36 (1952)  
Based on a misinterpretation of *Peziza radiculata* Sowerby, described from Britain. Assigned to the *Ascomycota* as *Sowerbyella radiculata* (Sowerby) Nannf.
- rasilis** var. **pseudoluscina** (Bon) Boekhout, Melanoleuca  
Move to 'included' list as a synonym of *Melanoleuca pseudoluscina* Bon.
- ravenelii** (Cooke) Hjortstam, Phlebiopsis  
Now recombined as *Phaeophlebiopsis ravenelii*. Move from 'included' list as the species found in the CBIB area is now identified as *Phaeophlebiopsis roumegueri* (q.v.).
- regius** (Krombh.) D. Arora & J.L. Frank, *Mycologia* 106(3): 466 (2014), Butyriboletus  
Move from 'included' list (where it was formerly included as *Boletus regius* q.v.). Following redeterminations of British material based on morphological characters (A. Hills), a single British collection in K from South Hampshire (New Forest, Ashurst) remained to support its British status. The ITS sequence obtained from this material did not match that of authentic *B. regius* (unpubl.). There is currently no known DNA evidence that this legally protected species is, or ever was, British.
- relicina** (Fr.) Quél., Inocybe  
Move to 'included' list.
- renidens** Fr., Cortinari  
Move from 'included' list as the only known voucher collection in K (from Devon) has now been sequenced and redetermined as *C. luridus* (q.v.) (K. Liimatainen unpubl.).
- reniformis** (G. Mey.) Singer, Hohenbuehelia  
Move from 'included' list. A *nomen dubium*. *Sensu* Cooke [III. Brit. fung. 286 (276) Vol. 3 (1883C)] doubtful. The descriptions in Rea (1922) and BFF6 both contain a mix of

elements of more than one species. The few British collections require reassessment

**reniformis** (G. Mey.) Singer, *Hohenbuehelia*  
Retain in 'excluded' list but reduce to a synonym of *H. mustialensis* (q.v.). Delete first sentence of **Notes**.

**resupinatus** With., *Agaricus*, *Arr. Brit. pl.* ed. 3, 4: 304 (1796)

A superfluous *nomen novum* for *A. flurstedtiensis* Batsch. Both species are *nomina dubia*, but were considered synonymous with *Simocybe haustellaris* by Fries (1821).

**resupinatus** Masee, *Fomes*

*Poria resupinata* (Masee) W.G. Sm.

*Boletus resupinatus* Bolton [*nom. illegit.*, non *B. resupinatus* Sw. (1788), non Sowerby (1815)], *Hist. fung. Halifax* Suppl.: 165 (1791)

*Poria spongiosa* (Pers.) Gray, *Nat. arr. Brit. pl.* 1: 640 (1821)

Amend author citations. Described from Britain but a *nomen dubium* lacking type material. See Donk (1974: 258) for an extensive discussion. *Poria spongiosa* was erroneously listed as a synonym of *Inonotus hispidus* in the printed Checklist, but is based on *Boletus spongiosus* Pers., a new name for *Boletus resupinatus* Bolton.

**rhizodes** Auersw., *Sclerotium*, *Bot. Zeitung (Berlin)* 7: 294 (1849)

Recorded from Britain on grass leaves by Wakefield & Bisby (1942) and Dennis (1995), but a *nomen dubium* of uncertain application.

**rhodoxanthus** (Krombh.) Kallenb., *Boletus*  
Move to 'included' list.

**rosea var. subglobosa** Corner, *Clavaria*

Move from 'included' where listed as a synonym of *C. rosea*. A *nomen dubium* described as having completely different spores from *C. rosea* itself. Described from England and Germany, but no specimens were cited. British collections under this name at K have been variously redetermined, mostly as *C. incarnata*. Note also a correction to the author citation given in the printed Checklist.

**roseipes** (Velen.) Reumaux, *Cortinarius*

Move from 'included' list following sequencing of almost all British holdings of this (from *Helianthemum* habitat) and their subsequent redetermination as *C. subcoronatus* (q.v.). Further details in Liimatainen & Ainsworth [FM19(4): 119–135 (2018)].

**roseum** (Longyear) Hesler, *Entoloma*

Move from 'included' list. Following FungEur5B, this name has been misapplied in Europe to pink variants of various species whereas the true *E. roseum* is found in North America.

**roseum** Moug., *Sclerotium*, in Fries, *Elench. fung.* 1: 43 (1828)

Recorded from Britain on *Juncus* sp. by Wakefield & Bisby (1942), but assigned to the *Ascomycota* as the sclerotial stage of *Myriosclerotinia curreyana* (Berk.) N.F. Buchw.

**roseum** Berk., *Sclerotium*, *Ann. Mag. nat. Hist.*, Ser. 3, 6: 359 (1861)

Material under this name at K from the Republic of Ireland on *Juncus* sp., but a *nomen dubium* of uncertain application.

**roseum** Link, *Sporotrichum*, *Mag. Neuesten Entdeck.*

*Gesamnten Naturk. Ges. Naturf. Freunde Berlin* 8: 35 (1816)  
Listed as British by Wakefield & Bisby (1942), but a *nomen dubium* not identifiable from the type collection *vide* Stalpers (1984).

**rubellum** (Scop.) Gillet, *Entoloma*

Move from 'included' list. This species with pink basidiomata has been downgraded to a variety of *E. bloxamii* based on molecular studies [Morgado *et al.*, *Persoonia* 31: 159–178 (2013)]. However, these authors also sequenced the single specimen in K (from Pembrokeshire) which supported its inclusion on the British list and revealed that this voucher

should be assigned to *E. ochreoprunuloides* and not *E. bloxamii*.

**ruber** (Pers.) Gray, *Lactarius*, *Nat. arr. Brit. pl.* 1: 624 (1821)  
A *nomen dubium*, said to be synonymous with *Agaricus lactifluus* (= *L. volemus*), but also said to grow with conifers.

**rubescens** Schaeff., *Agaricus*, *Fung. Bavar. Palat.* 4: 31 (1774)

Recorded from England (Warwickshire) by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*. Placed by Fries (1821) in synonymy with *Lactarius subdulcis*, but Schaeffer and Withering described the latex of *A. rubescens* as hot.

**rubi** Carmich., *Sclerotium*, in Berkeley, *Engl. fl.* 5(2): 224 (1836)

Described from Scotland on leaves of *Rubus fruticosus* agg. Based on examination of the type at K possibly belonging to a *Typhula* sp.

**rubricosus** (Fr.) Fr., *Cortinarius*

Move to 'included' list.

**rufa** (Fr.) Boidin, *Peniophora*

Move from 'included' list. "A single collection from Surrey (Esher, Arbrook Common)" in 1989 recorded on *Populus* but the voucher material at K now redetermined as *P. polygonia*.

**rufum** Dicks., *Lycoperdon*, *Fasc. pl. crypt. brit.* 1: 25 (1785)

Described from Britain, but assigned to the *Myxomycota* as a synonym of *Arcyria denudata* (L.) Wettst.

**ryvardenii** Hallenb. & Hjortstam, *Phlebia*, *Mycotaxon* 31: 439 (1988)

Omitted from published list. Reported from the Orkney Islands by Watling *et al.* (1999), but the record is doubtful.

**saccharinus** Romagn., *Coprinus*

Move to 'included' list as *Coprinellus saccharinus*.

**salicinum** DC., *Sclerotium*, *Fl. franç.*, ed. 3, 5/6: 114 (1815)

Recorded from Britain on willow leaves by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but of uncertain application.

**salmonifolius** M.M. Moser & Lamoure, *Leucopaxillus*

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

**sanguifluus** (Paulet) Fr., *Lactarius*

Move to 'included' list.

**sarcoides** (Jacq.) With., *Tremella*, *Arr. Brit. pl.* ed. 3, 4: 78 (1796)

Recorded from Britain by Withering (1796), but assigned to the *Ascomycota* as *Ascocoryne sarcoides* (Jacq.) J.W. Groves & D.E. Wilson.

**sassii** (M. Lange & A.H. Sm.) Redhead, Vilgalys & Moncalvo, *Coprinellus*

Move from 'included' list following sequencing and redetermination of the only voucher collection in K (from Oxfordshire, Blenheim Park) as *C. amphithallus* s. Nagy which was supporting its CBIB inclusion (K. Liimatainen unpubl.).

**scaber** Gray, *Cortinarius*, *Nat. arr. Brit. pl.* 1: 630 (1821)

*Agaricus scaber* Sowerby [*nom. illegit.*, non *A. scaber* O.F. Müll. (1780)], *Col. fig. Engl. fung.*: pl. 207 (1799)

Described from Britain, but a *nomen dubium*.

**schenckii** (Hektoen & C.F. Perkins) Beum. & Gougerot, *Sporotrichum*, *Arch. Parasit.* 15: 5 (1911)

British material at K. Assigned to the *Ascomycota* as *Sporothrix schenckii* Hektoen & C.F. Perkins.

**septentrionalis** Bendiksen, K. Bendiksen & Brandrud, *Cortinarius*

Move from 'included' list following sequencing and redetermination, as *C. fennoscandicus* (q.v.), of the single

voucher collection in K (from South Aberdeen, Inverey Flats), which was supporting its CBIB inclusion (K. Liimatainen).

**septentrionalis** Bendiksen, K. Bendiksen & Brandrud, Cortinarius  
Move to 'included' list.

**serratissimus** M.M. Moser, Cortinarius  
Move from 'included' list following sequencing and redetermination, as *C. disjungendus*, of the single voucher collection in K (from Dorset, Clifton Maybank) which was supporting its CBIB inclusion (K. Liimatainen unpubl.).

**seticeps** (G.F. Atk.) Singer, Pluteus  
*Leptonia seticeps* G.F. Atk.  
Move from the synonymy of *P. podospileus* in the 'included' list following Ševčíková *et al.* [*Journal of Fungi* 9(9): 898; <https://doi.org/10.3390/jof9090898> (2023)] who regard *P. seticeps* as a "separate species occurring in North America" but not Eurasia.

**setosa** Grev., Aegerita, *Scott. crypt. fl.* 5: t. 268 (1826)  
Described from Scotland, but assigned to the *Ascomycota* as *Volutella setosa* (Grev.) Berk.

**silvana** (Sacc.) O.K. Mill., Hohenbuehelia  
*Agaricus silvanus* Sacc., *Michelia* 1: 1 (1877)  
*Pleurotus silvanus* (Sacc.) Sacc., *Syll. fung.* 5: 379 (1887)  
*Resupinatus silvanus* (Sacc.) Singer, *Lilloa* 22: 253 (1951)  
Move to 'included' list and add to the synonymy of *H. cyphelliformis* (q.v.).

**solida** Pers., Clavaria, *Comm. fung. clav.*: 78 (1797)  
A *nomen dubium*. Recorded from Britain by Gray [*Nat. arr. Brit. pl.* 1: 656 (1821)] whose description suggests *Clavaria fragilis* (q.v.).

**spathula** O.F. Müll., Clavaria, *Fl. Danica* t. 658 (1775)  
Recorded from Britain by Dickson [*Fasc. pl. crypt. brit.* 1 (1785)] and Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the *Ascomycota* as a synonym of *Spathularia flavida* Pers.

**splendidissima** Kotl. & Pouzar, Haasiella  
Move from 'excluded' list to the synonymy of *H. venustissima* following molecular analysis in Vizzini *et al.* [*Mycologia* 104(3) 777–784 (2012)].

**splendificus** Chevassut & Rob. Henry, Cortinarius  
Move from 'included' list following sequencing, matching with a reference sequence and redetermination, as *C. xanthophyllus* (a nom. inval. fide Index Fungorum) sensu Garnica, Frøslev & Moënné-Loccoz, of the single voucher collection in K (from Northamptonshire, Easton Hornstocks), which was supporting its CBIB inclusion (K. Liimatainen).

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

**squalina** (Fr.) M.P. Christ., Mycoacia  
Replace notes with: A much confused name, see Nakasone [*Sydowia* 61: 275 (2009)]. Sensu Rea (1922) and the only collection (1973) so named at K is *Mycoaciella bispora*; sensu Fries is *Cerrena unicolor* fide Romell; sensu auct. is *Dentipellis fragilis* or *Mucronella* sp.

**squamosa** (P. Karst.) A.H. Sm., Psathyrella  
*Psathyra pennata* var. *squamosa* P. Karst.  
*Psathyra squamosa* (P. Karst.) P. Karst.  
Not a *nomen dubium*, as previously asserted, but a species not known in Britain. Sensu NCL and sensu auct. Brit. is *Psathyrella artemisiae*.

**stellatum** W.T. Horne, Sclerotium, *J. Bot.* 58: 242 (1920)  
Described from Britain on apples, but of uncertain application.

**stercorarium** Lam. & DC., Sclerotium, *Fl. Fr.* 2: 277 (1805)  
Recorded from Britain on dung by Dennis (1986), but a *nomen dubium*, applied to sclerotia of various *Coprinopsis* species.

**stercorarius** (Bull.) Fr., Coprinus  
Move from 'included' list (as a synonym of *Coprinopsis stercorea*). A *nomen dubium* applied to several members of the *Coprinopsis narcotica* complex. Sensu Rea (1922) doubtful. Sensu NCL is *Coprinopsis tuberosa* (q.v.).

**stevensonii** (Berk. & Broome) Watling, Gerronema  
Move from 'included' list. Currently regarded as a *nomen dubium*. A recent examination of authentic Scottish material at K., originally described as *Cantharellus stevensonii*, concluded that it belongs in neither *Gerronema* nor *Cantharellus* and is probably not identifiable.

**stillatius** Fr., Cortinarius  
Move from 'included' list. Now considered a *nomen dubium*. For Fries a rare species with cap and stipe coated with blue-violaceous gluten. Orton (1955) noted an unlocalised collection possibly in this sense but "needing further study" and included it in NCL. This name has recently been widely used (e.g. in FN) in a broad sense that includes *C. mucifluoides* and *C. integerrimus* (q.v.) of this Checklist. Sensu NCL and auct. mult. is *C. mucifluoides* (q.v.). *C. pseudosalor* J.E. Lange, listed as a synonym in the printed Checklist, also now excluded as a *nomen dubium* as somewhat insufficiently described from a single collection.

**storea** (Fr.) Bon, Psathyrella, *Doc. Mycol.* 12: 52 (1982)  
*Agaricus storea* Fr., *Epicr. syst. mycol.*: 223 (1838)  
*Hypholoma storea* (Fr.) Sacc., *Syll. fung.* 5: 1033 (1887)  
Not authentically British. Sensu Massee (1892) (as *Hypholoma storea*) doubtful, though *H. storea* var. *caespitosum* is *Psathyrella cotonea*.

**striaeopilus** J. Favre, Cortinarius  
Delete **Notes** and move to synonymy of *C. nigrocupidatus* in the 'included' list following Liimatainen *et al.* [*Fungal Diversity* 104: 291–331 (2020)].

**striata** Pers., Clavaria  
A *nomen dubium* lacking type material. Cotton & Wakefield (1919) suggested this is discoloured *C. vermicularis* (= *C. fragilis*). Sensu Rea (1922) is unknown. A single old collection at K (from Shropshire) has been redetermined as *C. atroumbrina*.

**striatulus** (Pers.) Murrill, Resupinatus, *N. Amer. Fl. (New York)* 9(4): 242 (1915)  
Move all names based on *Agaricus striatulus* from synonymy of *R. applicatus* in 'included' list. No known evidence to support the inclusion of *R. striatulus* in the neotypified sense (Consiglio & Setti, 2018).

**striatus** Bull., Agaricus [non *A. striatus* Schaeff. (1762)], *Herb. France* 12: pl. 552, fig. 2 (1792)  
*Coprinus disseminatus* β *striatus* (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 635 (1821)  
A *nomen dubium*. Sensu Sowerby [*Col. Fig. Engl. Fung.* 2: pl. 166 (1798)] and Gray is a form of *Coprinellus disseminatus*.

**suavissimus** (Fr.) Singer, Panus  
Move to 'included' list (as *Neofavolus suavissimus*) and delete existing **Notes**.

**subcarneus** Batsch, Agaricus, *Elench. fung.*: 123, t. 19: 100 (1786)  
Recorded from England (Warwickshire) by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*. Placed by Fries (1821: 107) in synonymy with *Laccaria laccata*, but Withering (1796) synonymized *A. campanulatus* Schaeff. which for Fries (1821: 267) is *Galerina hypnorum*.

**subcollariatum** (Berk. & Broome) Sacc., Hebeloma  
Move to 'included' list as a synonym of *H. mesophaeum* based on holotype studies [Beker *et al.*, *FungEur*14: 647 (2016)].

**subcretacea** (Litsch.) M.P. Christ., Phlebia  
Move to 'included' list.

**subfuliginosa** Bourdot & Galzin, Hymenochaete  
Remove from synonymy of *H. fuliginosa* and move both to 'included' list.

**subfuscoflavida** (Rostk.) Cooke, Poria  
A *nomen dubium* lacking type material. Sensu Berkeley (collections at K det. as *Polyporus subfuscus-flavidus* subsequently redet. as *Perenniporia medulla-panis*), Cooke, Masee, Rea and Stevenson based on collections from church roof beams is *Perenniporia meridionalis* (q.v. in the "included alien" list).

**subfuscus**, With., Boletus [non *B. subfuscus* Hongo (1980)], *Bot. Arr. Brit. pl.* ed. 2, 3: 407 (1792)  
Described from England (Warwickshire) under *Quercus* sp. A bolete, but a *nomen dubium* lacking a type specimen.

**subgaleroideis** Rob. Henry, Cortinari  
Move from 'included' list following sequencing and redetermination, as *C. impolitus* s.l., of the single voucher collection in K (from Middlesex, Hounslow Heath) which was supporting its CBIB inclusion (K. Liimatainen unpubl.).

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

**subpulverulenta** (Pers.) Singer, Melanoleuca  
Move to 'included' list and add to synonymy of *M. phaeopodia* (q.v.).

**subpurpurascens** (Batsch) J. Kickx f., Cortinari  
Move to 'included' list (as *Thaxterogaster subpurpurascens*) and delete existing **Notes**.

**subsaponaceum** P. Karst., Hebeloma  
Move to synonymy of *H. syrjense*.

**succineus** Sprée, Dacrymyces, in Rabenhorst, *Fungi Europ. Exsic.* 680 (1864)  
Omitted from published list. A conidial discomycete, now recombined as *Pseudocenangium succineum* (Sprée) Dyko & Sutton.

**sulcatum** Roberge ex Desm., Sclerotium, *Ann. Sci. Nat., Bot.*, sér. 16: 329 (1851)  
Recorded as British in Cannon *et al.* (1985), but assigned to the *Ascomycota* as *Sclerotinia sulcata* (Roberge ex Desm.) Whetzel.

**sulphureum** Grev., Sporotrichum, *Mem. Wern. Nat. Hist. Soc.* 4: 69 (1822)  
Described from Scotland, but assigned to the *Ascomycota* as *Arthrographis sulphurea* (Grev.) Stalpers & Oorschot.

**syrjense** P. Karst., *Bidr. Känn. Finl. Nat. Folk* 32: 475 (1879)  
*Hebeloma subsaponaceum* P. Karst.  
Move *H. subsaponaceum* to synonymy and amend **Notes** to: "Not authentically British. An unverified English record (2004) is mentioned in Beker *et al.*, FM 18(4): 119–132 (2017), but this refers to a collection from deciduous woodland in East Sussex (St Dunstan's Farm) which is preserved in K as *H. cf. syrjense* and which requires molecular investigation. These authors regard *H. syrjense* as "a subalpine/subarctic species often in mossy soil with conifers; most of our records are from Scandinavia and France." Two collections named *H. subsaponaceum* in K from Scotland (Orkney) have been redetermined by Vesterholt as *H. birrus*.

**telmatiaea** (Berk. & Cooke) Sacc., Omphalia  
Move to 'included' list as a synonym of *Arrhenia umbratilis* (q.v.).

**tenerrima** With., Tremella, *Bot. arr. veg.* 2: 732 (1776)  
Not basidiomycetous. Described from Britain, but derived from the same Dillenius phrase name as the earlier *T. crispa* Schreb., now assigned to the algae as *Prasiola crispa* (Schreb.) Kütz.

**tenuicula** (P. Karst.) Örstadius & Hüttninen, Psathyrella  
*Psathyra tenuicula* P. Karst.  
Move to 'included' list.

**tenuicula** (P. Karst.) Örstadius & Hüttninen, Psathyrella, *Österr. Z. Pilzk., N.S.* 5: 146 (1996)  
*Psathyra tenuicula* P. Karst.  
Now with a modern interpretation and combination in *Psathyrella*. Listed as British by Rea (1922) and (consequently?) by Larsson & Örstadius [*Mycol. Res.* 112(10): 1165–1185 (2008)], but without voucher material.

**tenuispora** Agerer, Seticyphella  
Move from 'included' list following the redetermination (specimen now recurated in K as *S. niveola*) of the single voucher known.

**tenuissimum** Grev., Sporotrichum, *Mem. Wern. Nat. Hist. Soc.* 4: 69 (1822)  
Described from Britain, but a *nomen dubium* not identifiable from the type collection *vide* Stalpers (1984).

**terrestris** (Alb. & Schwein.) W.G. Sm., Sphaerobolus, *Brit. Basid.*: 486 (1908)  
British material at K, but the species is assigned to the *Ascomycota* as *Byssonectria terrestris* (Alb. & Schwein.) Pfister.

**terricola** Grove, Sporotrichum, *J. Bot.* 50: 13 (1912)  
Described from Britain, but a *nomen dubium* identifiable from the type collection only as an *Aspergillus* sp. (*Ascomycota*) *vide* Stalpers (1984).

**thermophila** Apinis, Sporotrichum, *Nova Hedwigia* 5: 74 (1963)  
Described from Britain, but assigned to the *Ascomycota* as *Myceliophthora thermophila* (Apinis) Oorschot, the anamorph of *Thielavia heterothallica* Klopotek.

**tigrina** R. Heim, Inocybe  
Move to 'included' list.

**tomentosa** (Fr.) P. Karst., Onnia  
Name changed from *Inonotus tomentosus*.

**tomentosus** (Bull.) Fr., Coprinus  
*Coprinus cinereus*  $\beta$  *tomentosus* (Bull.) Gray, *Nat. arr. Brit. pl.* 1: 634 (1821)  
Add *Coprinus cinereus*  $\beta$  *tomentosus* to synonymy.

**torosus** Fr. & Hök, Boletus  
Move from 'included' list. Collections in K supporting its British status (Isle of Wight and South Devon) and inclusion in BFF1 (rev.) were sequenced and redetermined as *B. rhodopurpureus* (yellow colour forms) (unpubl.).

**torosus** Fr., Boletus  
Now recombined as *Imperator regius* (Fr.) Assyov, Bellanger, Bertéa, Courtec., Koller, Loizides, G. Marques, J.A. Muñoz, Oppicelli, D. Puddu, F. Rich. & P.-A. Moreau.

**torulosa** (Bonord.) Sacc., Aegerita, *Syll. Fung.* 4: 662 (1886)  
Material under this name at K from England, but a *nomen dubium* of uncertain application.

**tridentinus** (Sacc. & P. Syd.) Singer, Lentinellus  
Move from 'included' list. British collections on dead stems of *Chamaerion angustifolium* are redetermined as *Lentinellus herbarum* (q.v.).

**trinii** (Weinm.) Qué., Inocybe  
Delete "and this is otherwise unknown in Britain" from notes.

**trogii** (Berk.) Domański, Coriolorpsis  
Name changed to *Trametes trogii* Berk. Move to 'included' list.

- truncatus** (Quél.) Donk, Clavariadelphus  
Move from 'included' list. The 1924 collection in K from Worcestershire (Shrawley Wood) supporting its British status was redetermined as *C. pistillaris* on morphological criteria by Spooner & Ainsworth [*Field Mycology* 15(2): 51-52 (2014)].
- tubaeformis** With., Merulius, *Bot. Arr. Brit. pl.* ed. 2, 3: 282 (1792)  
A superfluous *nomen novum* for *Peziza tuba* Bolton, assigned to the *Ascomycota* as *Hymenoscyphus tuba* (Bolton) W. Phillips.
- tuberculata**, With., Clavaria, *Arr. Brit. pl.* ed. 3, 4: 364 (1796)  
Described from Britain, but a *nomen dubium* lacking a type specimen. A possible synonym of *Podostroma alutaceum* (Pers.) G.F. Atk. (*Ascomycota*) fide Donk (1966).
- tuberculatum** (Berk. & M.A. Curtis) Hjortstam, Basidiaradulum  
Now regarded as a synonym of *Stereophlebia pendula* (Fr.) K.H. Larss. in Larsson *et al.* [*Fungal Systematics and Evolution* 16: 1-27 (2025)].
- tuberosa** (Sowerby) Fr., Calocera, *Syst. mycol.* 1: 486 (1821)  
*Ramaria tuberosa* (Sowerby) Gray, *Nat. arr. Brit. pl.* 1: 655 (1821)  
Add *Ramaria tuberosa* to synonymy.
- turbinata** Huds., Tremella [non *T. turbinata* Schum. (1803)], *Fl. angl.* ed. 2, 2: 563 (1778)  
Described from Britain, but a *nomen dubium* lacking a type specimen. A synonym of *Bulgaria inquinans* (Pers.) Fr. (*Ascomycota*) fide Donk (1966).
- turbinatus** Huds., Clathrus, *Fl. Angl.* ed. 2, 2: 632 (1778)  
Described from England [and illustrated from Yorkshire by Bolton (1789)], but referable to the *Myxomycota*.
- umbratilis** (Fr.) Redhead, Lutzoni, Moncalvo & Vilgalys, Arrhenia  
Move to 'included' list.
- umbrinum** J. Blum, Leccinum, *Rev. Myc.* 32: 366 (1967)  
Omitted from printed list. A *nomen invalidum*. British records relate to soft greenish forms of *L. scabrum* collected in wet locations that have sometimes been distinguished as *L. molle*.
- ungulatus** Schaeff., Boletus, *Fung. Bavar. Palat.* 4: 88 (1774)  
A *nomen dubium*. Recorded from Britain 'on old willow-trees' by Gray [*Nat. arr. Brit. pl.* 1: 642 (1821)]. Persoon [*Syn. meth. fung.*: 537 (1801)] treated the taxon as a variety of *Fomes fomentarius*.
- utriculata** Huds., Tremella, *Fl. angl.* ed. 2, 2: 564 (1778)  
Described from England in streams, but assigned to the *Cyanobacteria* fide Donk (1966).
- validus** Berk., Agaricus, in Smith, *Engl. fl.*: 5(2): 84 (1836)  
Described from England as a *Cortinarius* sp., but does not have a modern interpretation. The type at K needs re-investigation.
- vaporarium** Alb. & Schwein., Sclerotium, *Consp. fung.*: 73 (1805)  
A *nomen dubium*. Recorded as British by Gray [*Nat. arr. Brit. pl.* 1: 590 (1821)] from hothouses.
- variiformis** Malençon, Cortinarius  
Move from 'included' list. Replace **Notes** with: "*C. variiformis* sensu auct. Brit. is more likely to refer to *C. luteocingulatus* based on morphological and ecological evidence".
- variolosum** Huds., Lycoperdon, *Fl. angl.* ed. 2, 2: 645 (1778)  
Described from Britain and illustrated by Sowerby (Sow3), but assigned to the *Ascomycota* as a synonym of *Hypoxylon fragiforme* (Pers.) J. Kickx f.
- varium** Pers., Sclerotium, *Syn. meth. fung.* 1: 122 (1801)  
Recorded from Britain on stored vegetables by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but assigned to the *Ascomycota* as the sclerotial stage of *Sclerotinia sclerotiorum* (Lib.) de Bary.
- venenata** (S. Imai) Imazeki & Hongo, Psilocybe, *J. Jap. Bot.* 32: 146 (1957)  
Probably a new record, but recent material (2006) at K from West Cornwall (Penzance) is 'cf.' this species.
- vermiculata** Scop., Clavaria, *Fl. carniol.* ed. 2, 2: 483 (1772)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but a *nomen dubium*. Sensu auct. is *C. vermicularis* (= *C. fragilis*) fide Corner (1950).
- vernalis** Watling, Paxillus  
Move from 'included' list. The collection reported in FM 9(1): 3-4 (2008) was subsequently redetermined as *Paxillus obscurisporus*. See FM 15(4): 121-127 (2014) and references cited therein for further discussion.
- verrucosa** L., Tremella, *Sp. pl.* 1158 (1753)  
Recorded from Britain by Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)], but assigned to the *Cyanobacteria* fide Donk (1966).
- versatilis** Quél., Ramaria  
*Clavaria versatilis* (Quél.) Sacc. & Trotter, *Syll. fung.* 21: 426 (1912)  
Erroneously listed as a synonym of *R. fennica* var. *griseoilacina* in the printed Checklist. *Clavaria versatilis* sensu Pearson [*Trans. Brit. Mycol. Soc.* 39(4): 209 (1946)] and old collections under this name in herb. K are referable to *R. fennica* var. *griseoilacina*, but Schild (1995) considered *R. versatilis sensu stricto* a synonym of *R. fennica* var. *fumigata*, which is not known to be British.
- versipellis** (Fr.) Nikol. Sarcodon  
Move to synonymy of *Hydnellum versipelle* (Fr.) E. Larss., K.H. Larss. & Kõljalg following molecular analyses [Larsson *et al.* *MycKeys* 54: 31-47. (2019)]. Replace **Notes** with: Not authentically British. Reported from Scotland but the material has been redetermined by R. Watling as *Bankera fuligineoalba* (now *Phellodon fuligineoalbus*).
- vespertinus** Fr., Cortinarius  
Move to 'included' list (as *Thaxterogaster vespertinus*) and delete existing **Notes**.
- violaceocinereus** (Pers.) Fr., Cortinarius, *Epicr. syst. mycol.*: 278 (1838)  
*Cortinarius cinereus* Gray [*nom. illegit.*], *Nat. arr. Brit. pl.* 1: 628 (1821)  
Recorded as British by Gray, but doubtful.
- virens** Carmich., Aegerita, *Grevillea* 16(79): 81 (1888)  
Described from Scotland on birch bark, but presumably not referable to the *Basidiomycota*.
- virescens** Huds., Clathrus, *Fl. Angl.* ed. 2, 2: 632 (1778)  
Described from England, but referable to the *Myxomycota*.
- virescens** (Pers.) Link, Sporotrichum, *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 3: 13 (1809)  
British material at K. Assigned to the *Ascomycota* as the anamorph of *Chaetosphaeria vermicularioides* (Sacc. & Roum.) W. Gams & Hol.-Jech.
- viridarius** With., Agaricus, *Bot. Arr. Brit. pl.* ed. 2, 3: 363 (1792)  
A *nomen novum* for *A. pulverulentus* Schaeff. [*nom. illegit.*, non *A. pulverulentus* Scop (1772)], itself a *nomen dubium*. Considered a possible synonym of *Tubaria furfuracea* by Fries (1821).
- viridis** Bayl. Ell., Aegerita, *Trans. Brit. Mycol. Soc.* 6(1): 56 (1918) [1917]  
Described from England (Warwickshire), but assigned to the *Ascomycota* as *Pseudaegerita viridis* (Bayl. Ell.) Abdullah & J. Webster.

**viridis** With., Agaricus [*nom. illegit.*, non *A. viridis* Huds. (1778); non *A. viridis* Schrad. (1794)], *Bot. arr. Brit. pl. ed. 2*, 3: 320 (1792)

*Gymnopus viridis* Gray, *Nat. arr. Brit. pl.* 1: 606 (1821)  
Described from Britain but a *nomen dubium* lacking type material. Withering listed *Agaricus caeruleus* Bolton (possibly a species of *Stropharia*) as a synonym, but additionally listed a second (unnamed) variety with *A. viridis* Huds. (= *Clitocybe odora*) as a synonym. *Gymnopus viridis* (with *A. caeruleus* as a synonym) was based on Withering's first variety, though Gray listed the species next to *G. odora*.

**viridis** (Alb. & Schwein.) J. Schröt., Amaurodon  
Move to 'included' list.

**vulgaris** Gray, Poria, *Nat. arr. Brit. pl.* 1: 639 (1821)  
A *nomen dubium*. Based on *Boletus favus* Bull. (said to be synonymous with *Corioloopsis gallica*), but Gray's species occurs on 'fir-timbers'.

**xanthocyaneus** (Romain) Romagn., Boletus  
Move from 'included' list. Collections in K supporting its British status and inclusion in BFF1 (rev.) were sequenced and redetermined as *B. rhodopurpureus* (yellow colour forms) (unpubl.).

**xanthocyaneus** (Romain) Romagn, Boletus  
Now recombined as *Imperator xanthocyaneus* (Romain) Klofac.

**xylariae** Höhn., Epidochium, *Sitzungsber. Kaiserl. Akad. Wiss., Wien, Math.-Naturwiss. Cl., Abt. 1*, 111: 1031 (1902)  
Recorded from England (Yorkshire) on *Xylaria* sp. by Wakefield & Bisby (1942), but of uncertain application.

**zollingeri** Lév., Clavaria  
Move from 'included' list and delete existing entry. The type material was found to have clamp connections and should therefore be accommodated in *Clavulinopsis*. This species is neither British nor Irish. The epithet has been misapplied in the CBIB area to two different species: *Clavaria amethystina* and *C. violaceopulchra* (q.v.). For further details see Olariaga *et al.* [*Journal of Fungi* 11(7): 482; <https://doi.org/10.3390/jof11070482> (2025)].

## BASIDIOMYCOTA, PUCCINIOMYCOTINA

**acicula** Berk., Pachnocybe, *Engl. fl.* 5(2): 334 (1836)  
*Stilbum acicula* (Berk.) Sacc., *Syll. fung.* 4: 569 (1889)  
Described from England, but a *nomen dubium fide* Seifert [*Stud. Mycol.* 27 (1985)].

**albida** (Fr.) Berk., Pachnocybe, *Engl. fl.* 5(2): 335 (1836)  
English material at K, but the species is an anamorphic member of the *Ascomycota* and does not belong in the genus *Pachnocybe*.

**anomalum** Berk., Stilbum, *Mag. Zool. Bot.* 1: 49 (1837)  
Described from England (Northamptonshire) on moss, but a *nomen dubium fide* Seifert [*Stud. Mycol.* 27 (1985)].

**asarina** Kunze, Puccinia  
Move to 'included' list and delete existing **Notes**.

**aurantiacum** Bab. ex Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 1*, 6: 432 (1841)  
Described from Britain, but assigned to the *Ascomycota* as *Tubercularia aurantiaca* (Bab. ex Berk. & Broome) Seifert.

**bicolor** Pers., Stilbum, *Syn. meth. fung.*: 682 (1801)  
Recorded from Scotland by Berkeley [*Engl. fl.* 5(2) (1836)], but a *nomen dubium fide* Seifert [*Stud. Mycol.* 27 (1985)].

**bulbosum** Tode, Stilbum, *Fung. mecklenb. sel.* 1: 10 (1790)  
Recorded from Britain by Wakefield & Bisby (1942), but a *nomen dubium fide* Seifert [*Stud. Mycol.* 27 (1985)].

**campanulata** Gray, Roestelia, *Nat. arr. Brit. pl.* 1: 534 (1821)  
*Aecidium berberidis* Sowerby [*nom. illegit.*, non *A. berberidis* Pers., 1792], *Col. fig. Engl. Fung. Mushr.* 3: tab. 397 (1803)  
Described from Britain on *Berberis* leaves, but a *nomen dubium* of uncertain application.

**citrinellum** Cooke & Masee, Stilbum, *Grevillea* 16: 81 (1887)  
Described from England (Kew), but assigned to the *Ascomycota* as a synonym of *Stilbella aciculosa* (Ellis & Everh.) Seifert *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**clavulata** Grove, Pachnocybe, *J. Bot., Lond.* 23: 168 (1885)  
Described from England (Warwickshire), but now assigned to the *Ascomycota* as *Phaeoisaria clavulata* (Grove) E.W. Mason & S. Hughes.

**clematitis** DC, Aecidium, *Fl. Fr.* 2: 243 (1805)  
Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 536 (1821)] on *Clematis vitalba*, but a *nomen dubium* of uncertain application.

**confertum** DC, Aecidium, *Fl. Fr.* 2: 245 (1805)  
Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 535 (1821)] on *Ranunculus* spp, but a *nomen dubium* of uncertain application.

**confluens** Sowerby, Aecidium, *Col. fig. Engl. Fung. Mushr.* 3: tab. 397 (1803)  
Described from Britain, but a *nomen dubium* of uncertain application.

**convolvuli** Castagne, Puccinia  
Move to 'included' list (q.v.).

**cuneiferum** Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 4*, 15: 33 (1876)  
Described from England (Somerset) on cabbage stalks, but assigned to the *Ascomycota* as *Graphium cuneiferum* (Berk. & Broome) E.W. Mason & M.B. Ellis.

**erythrocephalum** Ditmar, Stilbum, in Sturm, *Deutschl. Fl.* 1: 91 (1816)  
Recorded from Britain on dung by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but assigned to the *Ascomycota* as a synonym of *Stilbella fimetaria* (Pers.) Lindau *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**fasciculatum** Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 2*, 5: 465 (1850)  
Described from Wales (Swansea), but assigned to the *Ascomycota* as a synonym of *Stilbella clavulata* (Mont.) Seifert *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**fimetarium** (Pers.) Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 2*, 5: 465 (1850)  
Recorded from Britain on dung by Wakefield & Bisby (1942), but assigned to the *Ascomycota* as *Stilbella fimetaria* (Pers.) Lindau.

**flexuosum** Masee, Stilbum, *J. Roy. Microscop. Soc. London* 2: 758 (1885)  
Described from England (Yorkshire), but a *nomen dubium*, possibly a synonym of *Graphium calicioides* (Fr.) Cooke & Masee (*Ascomycota*), *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**fragariae** Sowerby, Aecidium, *Col. fig. Engl. Fung. Mushr.* 3: tab. 398 (1803)  
Described from Britain, but a *nomen dubium* of uncertain application.

**grisea** Berk., Pachnocybe, *Engl. fl.* 5(2): 334 (1836)  
Described from England, but the species is an anamorphic member of the *Ascomycota* and does not belong in the genus *Pachnocybe*.

**kervillei** Quél., Stilbum, in Gadeau de Kerville, *Bull. Soc. Amis Sci. Nat. Rouen* 1884: 302 (1884)  
Recorded from Britain on a *Hirsutella* sp. on flies by Wakefield & Bisby (1942), but assigned to the *Ascomycota* as a

synonym of *Polycephalomyces ramosus* (Peck) Mains *vide* Seifert [*Stud. Mycol.* 27 (1985)].

**leiopus** Ehrenb., Stilbum, *Sylv. mycol. berol.* 15: 24 (1818)  
Recorded from Britain on mouse dung by Wakefield & Bisby (1942), but assigned to the *Ascomycota* as a synonym of *Stilbella fimetaria* (Pers.) Lindau *vide* Seifert [*Stud. Mycol.* 27 (1985)].

**melleum** Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 4*, 17: 141 (1876)  
Described from England (Somerset) on bark, but a *nomen dubium*, probably a member of the *Helotiales (Ascomycota)*, *vide* Seifert [*Stud. Mycol.* 27 (1985)].

**menthae** Sowerby, Aecidium [non *A. menthae* DC, 1815], *Col. fig. Engl. Fung. Mushr.* 3: tab. 398 (1803)  
Described from Britain, but a *nomen dubium* of uncertain application.

**nigripes** Carmich. ex Cooke, Stilbum, *Grevillea* 16: 81 (1887)  
Described from Scotland (Argyllshire) on oak leaves, but a *nomen dubium vide* Seifert [*Stud. Mycol.* 27 (1985)].

**nigrum** Berk., Stilbum [*nom. illegit.*, non *S. nigrum* Schrad. (1832)], *Engl. fl.* 5: 330 (1836)  
Described from England (Huntingdonshire), but assigned to the *Ascomycota* as a synonym of *Phaeostilbella atra* (Desm.) Höhn. *vide* Seifert [*Stud. Mycol.* 27 (1985)].

**orbiculare** Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 5*, 1: 28 (1878)  
Described from Scotland (Easternness) on myxomycetes, but assigned to the *Ascomycota* as a synonym of *Stilbella byssidea* (Pers.) Seifert *vide* Seifert [*Stud. Mycol.* 27 (1985)].

**pellucidum** Schrad., Stilbum, *J. Bot. (Schrader)* 2: 65 (1799)  
Recorded from Scotland by Berkeley [*Engl. fl.* 5(2) (1836)], but a *nomen dubium vide* Seifert [*Stud. Mycol.* 27 (1985)].

**piliforme** Pers., Stilbum, *Ann. Bot. Usteri* 11: 31 (1794)  
Recorded from Britain by Cooke (1871), but a *nomen dubium vide* Seifert [*Stud. Mycol.* 27 (1985)].

**ranigenum** (Berk. & Broome) Sacc., Stilbum, *Syll. fung.* 4: 573 (1886)  
Described from England (Wiltshire) on a dead frog, but assigned to the *Ascomycota* as a synonym of *Chrysosporium sulfureum* (Fiedl.) Oorschot & Samson *vide* Seifert [*Stud. Mycol.* 27 (1985)].

**ranunculi** DC, Aecidium [*nom. illegit.*, non *A. ranunculi* Sowerby, 1803], *Syn. Pl. Gall.*: 51 (1806)  
Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 535 (1821)] on *Ranunculus acris* and *R. bulbosus*, but a *nomen dubium* of uncertain application.

**ranunculi** Sowerby, Aecidium [non *A. ranunculi* DC, 1806; non *A. ranunculi* Schwein. 1822], *Col. fig. Engl. Fung. Mushr.* 3: tab. 397 (1803)  
Described from Britain on *Ranunculus ficaria*, but a *nomen dubium* of uncertain application.

**rigidum** Pers., Stilbum, *Ann. Bot. Usteri* 11: 31 (1794)  
Recorded from Britain by Cooke (1871), but a *nomen dubium vide* Seifert [*Stud. Mycol.* 27 (1985)].

**rubi** DC, Aecidium [*nom. illegit.*, non *A. rubi* Sowerby, 1803], *Fl. Fr.* 2: 238 (1805)  
Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 538 (1821)] on *Rubus fruticosus*, but a *nomen dubium* of uncertain application.

**rubi** Sowerby, Aecidium [non *A. rubi* DC, 1805], *Col. fig. Engl. Fung. Mushr.* 3: tab. 398 (1803)  
Described from Britain on *Rubus* spp, but a *nomen dubium* of uncertain application.

**saxifragarum** Link, Puccinia, in L., *Sp. pl.* ed. 4, 6(2): 81 (1825)

A *nomen dubium*, including *P. saxifragae* Schlecht. and *P. adoxae* R. Hedw. Sensus auct. brit is *P. adoxae*.

**senecionis** DC, Uredo, *Fl. Fr.* 2: 231 (1805)  
Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 540 (1821)] on *Senecio vulgaris*, but a *nomen dubium* of uncertain application.

**sphaerocephalum** Masee, Stilbum, *Bull. Misc. Inform. Kew.* 1907: 243 (1907)  
Described from England (Kew) on *Philodendron* sp., but a *nomen dubium vide* Seifert [*Stud. Mycol.* 27 (1985)].

**stevensonii** Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 5*, 1: 27 (1878)  
Described from Scotland (Angus), but a *nomen dubium vide* Seifert [*Stud. Mycol.* 27 (1985)].

**subulata** (Nees) Berk., Pachnocybe, *Engl. fl.* 5(2): 333 (1836)  
Recorded from Britain, but assigned to the *Ascomycota* as *Graphium subulatum* (Nees) Sacc.

**tetraonum** Cooke, Stilbum (*nom. inval.*), *Grevillea* 17: 9 (1888)  
'Described' from Scotland (Perthshire) on grouse dung (with type at K), but a *nomen nudum* of uncertain application.

**tomentosum** Schrad., Stilbum, *J. Bot. (Schrader)* 2: 65 (1799)  
Recorded from England and Scotland on myxomycetes by Berkeley [*Engl. fl.* 5(2) (1836)], but assigned to the *Ascomycota* as *Polycephalomyces tomentosus* (Schrad.) Seifert.

**tragopogonis** Sowerby, Aecidium [non *A. tragopogonis* Cooke, 1871], *Col. fig. Engl. Fung. Mushr.* 3: tab. 397 (1803)  
Described from Britain, but a *nomen dubium* of uncertain application.

**turbinatum** Tode, Stilbum, *Fung. mecklenb. sel.* 1: 12 (1790)  
Recorded from England by Berkeley [*Engl. fl.* 5(2) (1836)] and Wakefield & Bisby (1942), but a *nomen dubium vide* Seifert [*Stud. Mycol.* 27 (1985)].

**tussilaginis** Sowerby, Aecidium [*nom. illegit.*, non *A. tussilaginis* Pers., 1792], *Col. fig. Engl. Fung. Mushr.* 3: tab. 397 (1803)  
Described from Britain on *Petasites hybridus*, but a *nomen dubium* of uncertain application.

**ulmi** DC, Puccinia, *Fl. Fr.* 2: 219 (1805)  
Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 544 (1821)], but a *nomen dubium* of uncertain application.

**vaporarium** Berk. & Broome, Stilbum, *Ann. Mag. Nat. Hist., Ser. 2*, 5: 465 (1850)  
Described from a hothouse at Kew, but assigned to the *Ascomycota* as a synonym of *Stilbella clavulata* (Mont.) Seifert *vide* Seifert [*Stud. Mycol.* 27 (1985)].

**vinosa** (Sacc.) Sacc., Tuberculina, *Syll. fung.* 4: 654 (1886)  
*Tubercularia vinosa* Sacc., *Michelia* 1(1): 34 (1877).  
Listed as British by Wakefield & Bisby (1942), but doubtful. Its status in the British Isles requires re-investigation.

**violarum** DC, Aecidium, *Fl. Fr.* 2: 240 (1805)  
Listed as British by Gray [*Nat. arr. Brit. pl.* 1: 537 (1821)] on *Viola tricolor*, but a *nomen dubium* of uncertain application.

## BASIDIOMYCOTA, USTILAGINOMYCOTINA

**bromi** (Lavrov) Zundel, Urocystis  
Move from 'included'. The cited collection was based on host misidentification and represents *U. agropyri* on *Agropyron repens*.

**deformans** Durieu & Mont., Thecaphora

Move from 'included' list. Not authentically British. British material, in seeds of *Ulex minor*, recently recognised as a distinct species *T. ulicis* (q.v.).

**heterospora** (B. Lindeb.) Kukkonen, Anthracoidea

Move to 'included' list.

**heterospora** (B. Lindeb.) Kukkonen, Anthracoidea

*Cintractia heterospora* B. Lindeb.

*Cintractia carpophila* (Schumach.) Liro [*comb. illegit.*]

Move from 'included' list. Reported as *Cintractia carpophila* on *Carex echinata*, but this is not a known host for the species.

On this host it is likely to have been *Anthracoidea kariii*.

**liroi** (Lehtola) Nannf. & B. Lindeb., Anthracoidea, *Svensk Bot. Tidskr.* 59: 205 (1965)

Not authentically British. Reported from Britain in UBI: 15 but no voucher has been traced. There is also a single Scottish

collection (1993) at E from Wester Ross (Gairloch) on *Carex echinata* identified as *A. ?liroi* which is more likely to be of *A. kariii*.

**unedonis** Maire, Exobasidium

Move from 'included' list. Not authentically British. A single (1984) collection at K on *Arbutus* leaves from North Essex (Colchester) now redetermined as *Aureobasidium* sp.

Reported from the same vice county in 1961 but unsubstantiated with voucher material.

**vaillantii** (Tul. & C. Tul.) R. Bauer *et al.*, Antherospora

Move from 'included' list and delete existing **Notes**. In the modern restricted sense, *A. vaillantii* is restricted to *Muscari comosum* and *M. tenuiflorum* and there are no known verified records on these hosts from Britain and Ireland.