

# THIRD UPDATE (Summer 2008)

Many minor additions and corrections have been made to the printed Checklist published in 2005 (additional new county records, etc.) as well as a few more substantial changes. These latter changes are noted below (and in the First and Second Updates, Winter 2006 and Autumn 2007) and include taxa newly discovered in the British Isles, names inadvertently omitted in the printed Checklist, name changes, and a few species which have moved from 'excluded' to 'included' or vice-versa. Publication references are not repeated where they are already given in the printed Checklist.

The database will continue to be updated and major changes will be noted in these pages every six months or so.

## ADDITIONS & AMENDMENTS TO LIST OF INCLUDED TAXA

### BASIDIOMYCETES

**Antrodia albida** (Fr.) Donk  
*Coriollus sepium* (Berk.) Murrill, *Bull. Torrey Bot. Club* 32(9): 481 (1905)  
Add *Coriollus sepium*, listed as British by Pegler [*News Bull. Brit. Mycol. Soc.* 26: 23 (1966)], to synonymy.

**Antrodia xantha** (Fr.) Ryvardeen  
*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*.

**Asterophora lycoperdoides** (Bull.) Ditmar  
*Asterophora agaricicola* Corda, *Icon. fung.* 4: 8 (1840)  
Add *Asterophora agaricicola*, listed as British by Wakefield & Bisby (1942), to synonymy.

**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.

### ATHELIA Pers.

*Fibulorhizoctonia* G.C. Adams & Kropp (anam.), *Mycologia* 88(3): 464 (1996)  
Add the anamorph genus *Fibulorhizoctonia*, omitted from printed Checklist, to synonymy.

**Athelia arachnoidea** (Berk.) Jülich  
*Rhizoctonia carotae* Rader (anam.), *Phytopathology* 38: 444 (1948)  
*Fibulorhizoctonia carotae* (Rader) G.C. Adams & Kropp (anam.), *Mycologia* 88(3): 464 (1996)  
Add to synonymy the anamorph name *Fibulorhizoctonia carotae*, the cause of 'crater rot' in stored carrots, recorded as British (sub *Rhizoctonia*

*carotae*) by Mordue [*IMI Descriptions of Fungi and Bacteria* 41 (1974)].

### Athelia epiphylla Pers.

*Rhizoctonia centrifuga* Lévl. (anam.), *Ann. Sci. Nat., Bot.*, sér. 2, 20: 225 (1843)  
*Fibulorhizoctonia centrifuga* (Lévl.) G.C. Adams & Kropp (anam.), *Mycologia* 88(3): 466 (1996)  
Move *Rhizoctonia centrifuga* from 'excluded' and add to synonymy as the anamorph, *Fibulorhizoctonia centrifuga* [fide Adams & Kropp, *Mycologia* 88: 459 - 472 (1996)]. Note that *Corticium centrifugum* (Lévl.) Bres., an illegitimate name for the supposed teleomorph, remains of uncertain application.

**Athelia rolfsii** (Curzi) C.C. Tu & Kimbr.  
*Sclerotium rolfsii* Sacc. (anam.), *Ann. mycol.* 9(3): 257 (1911)

### E: ! S: !

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

### 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)].

### BOVISTELLA Morgan

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

### 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*).

**metamorphosa** (Fuckel) Ryvarden & Gilb.  
*Mucor aurantius* Bull. (anam.), *Hist. champ. Fr.*: 103 (1791)

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

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

**Clavaria stricta var. alba** Cotton & Wakef.  
Separate from synonymy of *Ramaria stricta* and move to synonymy of *R. gracilis*.

**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.

**Collybia 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.

**Cortinarius 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*.

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

Name change to *C. arcuatorum* (see above).

**Dichomitus campestris** (Quél.) Domański & Orlicz  
*Coriolellus campestris* (Quél.) Bondartsev, *Trutovye griby Evropeiskoi chasti SSSR i Kavkaza*: 515 (1953)

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

**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.

**Entoloma jahonii** 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).

**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.

**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.

**Gomphidius glutinosus** (Schaeff.) Fr.

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

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.

**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.

**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)].

**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 [*fide* Dickson, *Fasc. pl. crypt. brit.* 2: 27 (1790)].

**HANDKEA** Kreisel

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

**Hygrocybe laeta var. flava** Boertm., *Fungi of Northern Europe* 1: 86 (1995)

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

**H:** In unimproved pasture and grassland.

**D+I:** FNE1: 86-87

Omitted from printed Checklist. This yellow variety is considered a separate taxon by Boertmann (FNE1). There is recent material (2005) at K from Wales (Monmouthshire) and var. *flava* has also been reported from England (Surrey, Yorkshire), Scotland, and Northern Ireland (Down).

## **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.).

**Hypochnicium vellereum** (Ellis & Cragin)

Parmasto

Name changed to *Granulobasidium vellereum* (q.v.).

## **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*'.

**percevalii** (Berk. & Broome) Bridge & Spooner, *Mycotaxon* 103: 117 (2008)

*Stropharia percevalii* (Berk. & Broome) Sacc.

**squamosus** (Pers.) Bridge & Spooner, *Mycotaxon* 103: 117 (2008)

*Stropharia squamosa* (Berk. & Broome) Quél.

**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.)

**Leucocoprinus cepistipes** (Sowerby) Pat.

*Sclerotium mycetospora* Nees (anam.), in Fries, *Syst. mycol.* 2(1): 253 (1822)

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

## **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 are the resulting name changes (including a name change for one species previously listed in *Bovista*).

**dermoxanthum** Vittad.

*Bovista dermoxantha* (Vittad.) De Toni

**excipuliforme** (Scop.) Pers.

*Handkea excipuliformis* (Scop.) Kreisel

**pratense** Pers.

*Vascellum pratense* (Pers.) Kreisel

**radicatum** Durieu & Mont.

*Bovistella radicata* (Durieu & Mont.) Pat.

**utriforme** Bull.

*Handkea utriformis* (Bull.) Kreisel

Note also a correction to the author citation for *Handkea utriformis*.

**Marasmius androsaceus** (L.) Fr.

*Merulius androsaceus* (L.) With., *Arr. Brit. Pl.* ed. 3, 4: 148 (1796)

Add *Merulius androsaceus* to synonymy.

**Mycena pterigena** (Fr.) P. Kumm

*Agaricus rubeolaris* With., *Arr. Brit. pl.* ed. 3, 4: 405 (1796)

Add *Agaricus rubeolaris*, described from Britain, to synonymy.

**Paxillus vernalis** Watling, *Notes Roy. Bot. Gard.*

*Edinburgh* 29: 60 (1969)

**E:** !

**H:** On soil. British collection with *Quercus* & *Salix* spp.

**D+I:** FM 9(1): 3-4

New record. A recent collection (2007) at K from East Suffolk (Flatford Mill).

## **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

**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.

**pubera** (Fr.) P. Karst., *Bidrag Kännedom Finlands Natur Folk* 48: 427 (1889)

*Hyphoderma puberum* (Fr.) Wallr.

**Phellinus 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.

**Phellinus wahlbergii** (Fr.) D.A. Reid, *Contr. Bolus Herb.* 7: 97 (1975)

*Trametes wahlbergii* Fr., *Kongl. Vetensk. Acad. Handl.* 1848: 144 (1849)

**E:** !

**H:** On *Quercus* sp. in Britain.

**D:** EurPoly2: 531-532

New record. Recent collection (2007) at K from Buckinghamshire, confirmed by L. Ryvarden.

**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.

**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*.

**Polyporus leptcephalus** (Jacq.) Fr.

*Boletus elegans* Bull. [non *B. elegans* Bolton (1788); non *B. elegans* Schum. (1803)], *Herb. France*. pl. 46 (1780)

*Polyporus elegans* (Bull.) Trog., *Verzeich. Geg v. Thun vor. Schwämme (Flora, XV)*: 593 (1832)  
*Boletus lateralis* Bolton

Note that the synonym *Polyporus elegans* was erroneously ascribed to Bulliard in the printed Checklist, whilst its basionym *Boletus elegans* Bull., listed as British by Dickson [*Fasc. pl. crypt. brit.* 2 (1790)], was omitted. Also move *Boletus lateralis* from 'excluded' and add to synonymy [fide Dickson, *Fasc. pl. crypt. brit.* 2: 27 (1790)].

**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.

**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).

**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.

**Ramaria fennica var. griseoililacina** 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.

**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.

**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*.

**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.

**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.)

**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*.

## STROPHARIA (Fr.) Quél.

As a result of a recent molecular investigation several British taxa have been transferred to the genus *Leratiomyces* (q.v.).

**Thanatephorus cucumeris** (A.B. Frank) Donk  
*Sclerotium tuliparum* Kleb. (anam.) [*nom. illegit.*, non *S. tuliparum* Schldl. (1831)], *Izvestiya Kavkaz. Muz.* 22, 3: 13 (1905)  
*Rhizoctonia tuliparum* Whetzel & J.M. Arthur (anam.), *Cornell Agric. Exp. St. Mem.* 89: 10 (1925)

Add the anamorph names *Sclerotium tuliparum* Kleb., listed as British by Wakefield & Bisby (1942), and *Rhizoctonia tuliparum* to synonymy.

**Thelephora phylacteris** (Bourdot & Galzin) Corner  
Separate from synonymy of *T. terrestris*, change author citation, and move to 'excluded'.

**Tomentella bryophila** (Pers.) M.J. Larsen  
*Zygodesmus fulvus* Sacc., *Michelia* 2: 147 (1880)  
Add *Zygodesmus fulvus*, listed as British by Wakefield & Bisby (1942), to synonymy [see Larsen *Mycol. Mem.* 4: 51 (1974)].

**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.

## 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.

**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.

**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)].

**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).

## VASCELLUM F. Šmarda

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

## UREDINIOMYCETES

**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).

**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.

## ADDITIONS & AMENDMENTS TO LIST OF EXCLUDED TAXA

The following list includes a substantial number of early names recorded by Dickson [*Fasc. pl. crypt. brit.* (1785-1801)], Sowerby (Sow1-4), Withering [*Bot. Arr. Brit. pl. ed. 2, 3* (1792)], and Withering (1796). It also includes many taxa which, though described in basidiomycetous genera, are now assigned elsewhere or considered *nomen dubia*. Most names in *Sclerotium*, *Sporotrichum*, and *Stilbum* fall into this category. Many assigned to the *Ascomycota* refer to anamorphic states. Almost all these names were omitted from the printed Checklist, but (to save repetition) this fact is not stated for each individual entry.

### BASIDIOMYCETES

**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.

**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. *vide* Donk (1966), possibly *S. cepivorum*.

**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.

**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 to the gelatinous ascomycete, *Ascocoryne sarcoides* (Jacq.) J.W. Groves & D.E. Wilson.

**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).

**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).

**aurantiaca** Grove, Tremella, *J. Bot.* 56: 286 (1918)

Described from Scotland as the anamorph 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)].

**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.

**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.

**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.

**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*.

**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 *Antrodia*.

**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*.
- cepvorum** 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*.
- 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 *vide* Stalpers (1984).
- 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., Tremella, *Herb. France:* pl. 455 f. 2 (1792)  
Recorded from Britain by Withering (1796), but assigned to the *Ascomycota* as *Tubercularia cinnabarina* (Bull.) Fr.
- 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* *vide* Stalpers (1984). British material at K is *Acrostalagmus cinnabarinus* Corda (*Ascomycota*).
- 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*).
- 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*.
- 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*).
- 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*.
- 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.
- 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*).
- 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.
- 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. *vide* 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.
- 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.
- 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 *vide* 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.
- divaricata** (Peck) Corner., Ramaria  
An American species, not authentically British. The type collection is unclamped [*vide* 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*.
- 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 sarcooides* (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 *vide* Withering [*Bot. Arr. Brit. pl.* ed. 2, 3 (1792)] and Fries (1821).
- 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*.
- 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).
- 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.
- 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*).
- 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.
- 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.
- fimbriata** With., Clavaria, *Bot. Arr. Brit. pl.* ed. 2, 3: 453 (1792)  
Described from England (Warwickshire), but a *nomen dubium* lacking a type specimen.
- 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 pleurotoid 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*.
- 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* *vide* 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 [*nom. illegit.*, 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.
- 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*) *vide* Stalpers (1984).
- fragile** Dicks., *Lycoperdon*, *Fasc. pl. crypt. brit.* 1: 25 (1785)  
Described from Britain, but assigned to the *Myxomycota* as *Leocarpus fragilis* (Dicks.) Rostaf.
- fuliginosum** Sowerby, *Lycoperdon*, *Col. fig. Engl. fung.* 3: pl. 257 (1801)  
Described from England on floating debris 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., *Zygodesmus*, *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. *griseoilacina* in the printed Checklist. *Ramaria fumigata* was recorded from England by Corner (1950) based on collections of *R. fennica* var. *griseoilacina*, 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, *Zygodesmus*, *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)].
- 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.
- 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.
- glaucoalbidum** Desm., *Sclerotium*, *Annls 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.
- gracilis** Bolton, *Clavaria* [*nom. illegit.*, non *C. gracilis* Pers. (1797)], *Hist. fung. Halifax* 3: 111 (1789)  
Described from England (Yorkshire) and also illustrated by Sowerby (Sow2). A *nomen dubium*, but appears to represent a typhuloid 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)].
- 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.).

- 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.
- 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.
- isariae** Petch, Sporotrichum, *Naturalist (Hull)* 1931: 102 (1931)  
Described from England (Norfolk & Yorkshire), but assigned to the *Ascomycota* as *Tritirachium isariae* (Petch) de Hoog.
- 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*.
- 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.
- 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)].
- 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).
- 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)].
- lignosa** Dicks., Clavaria, *Fasc. pl. crypt. brit.* 4: 27 (1801)  
Described from Britain on rotten wood, but a *nomen dubium* lacking a type specimen.
- 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*.
- 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 anamorph of *Podosphaera leucotricha* (Ellis & Everh.) E.S. Salmon.
- 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 assigned to the *Ascomycota* as *Phialophora malorum* (Kidd & Beaumont) McColloch.
- maritimum** G.K. Sutherl., Sporotrichum, *New Phytol.* 15: 43 (1916)  
Described from England (Dorset) on seaweed, but a *nomen dubium* lacking a type specimen *vide* Stalpers (1984).
- 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.
- 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.

- 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** 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 Holmskjold's *C. mitrata* 'b' as 'var. *viride*', but *C. mitrata* 'b' is assigned to the *Ascomycota* as *Microglossum viride* (Schrad.) Gillet.
- 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.
- 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.
- 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.
- 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 Jacquín 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*.
- 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.
- 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. *vide* 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*) *vide* Saccardo [*Syll. Fung.* 8: 43 (1889)]
- 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*.
- 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*.
- 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*.
- 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).
- 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*.
- 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*).
- 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.
- 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* *fide* Fries (1821). The latter species, recombined as *Entoloma pascuum*, is also a *nomen dubium*, but may be referable to *E. conferendum*.
- quercigenum** Berk., *Sclerotium*, *Engl. Fl.*, ed. 2 5(2): 222 (1836)  
Described from England (Northamptonshire) on felled oaks, but of uncertain application.
- 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.
- 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).
- 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** Link, *Sporotrichum*, *Mag. Neuesten Entdeck. Gesammten 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 *fide* Stalpers (1984).
- 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 Schaeffler and Withering described the latex of *A. rubescens* as hot.
- rubri** Carmich., *Sclerotium*, in Berkeley, *Engl. fl.* 5(2): 224 (1836)  
Described from Scotland on leaves of *Rubus fruticosus*, but of uncertain application. The type collection at K needs re-examination.
- 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.
- 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.
- 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.
- schenckii** (Hektoen & C.F. Perkins) Beumr. & Gougerot, *Sporotrichum*, *Arch. Parasit.* 15: 5 (1911)  
British material at K. Assigned to the *Ascomycota* as *Sporothrix schenckii* Hektoen & C.F. Perkins.
- setosa** Grev., *Aegerita*, *Scott. crypt. fl.* 5: t. 268 (1826)  
Described from Scotland, but assigned to the *Ascomycota* as *Volutella setosa* (Grev.) Berk.
- 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.
- 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.
- 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*.

- 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.
- 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.
- tenuissimum** Grev., Sporotrichum, *Mem. Wern. Nat. Hist. Soc.* 4: 69 (1822)  
Described from Britain, but a *nomen dubium* not identifiable from the type collection *fide* 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*) *fide* 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.
- 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).
- 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*.
- utriculata** Huds., Tremella, *Fl. angl.* ed. 2, 2: 564 (1778)  
Described from England in streams, but assigned to the *Cyanobacteria* *fide* Donk (1966).
- 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 *Hypoxyton 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.
- 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).
- 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.
- 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.
- 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.

## UREDINIOMYCETES

**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)].

**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)].

**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)].

**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)].

**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 *fide* 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 *fide* 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*), *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**nigripes** Carmich. ex Cooke, *Stilbum*, *Grevillea* 16: 81 (1887)

Described from Scotland (Argyllshire) on oak leaves, but a *nomen dubium* *fide* 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. *fide* 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 *fide* 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* *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**piliforme** Pers., *Stilbum*, *Ann. Bot. Usteri* 11: 31 (1794)

Recorded from Britain by Cooke (1871), but a *nomen dubium* *fide* 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 *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**rigidum** Pers., *Stilbum*, *Ann. Bot. Usteri* 11: 31 (1794)

Recorded from Britain by Cooke (1871), but a *nomen dubium* *fide* Seifert [*Stud. Mycol.* 27 (1985)].

**sphaerocephalum** Massee, *Stilbum*, *Bull. Misc. Inform. Kew.* 1907: 243 (1907)  
Described from England (Kew) on *Philodendron* sp., but a *nomen dubium* fide 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* fide 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.

**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* fide Seifert [*Stud. Mycol.* 27 (1985)].

**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 fide Seifert [*Stud. Mycol.* 27 (1985)].