BRITISH MYCENAS - BRIEF DESCRIPTIONS

Penny Cullington (updated November 2018)

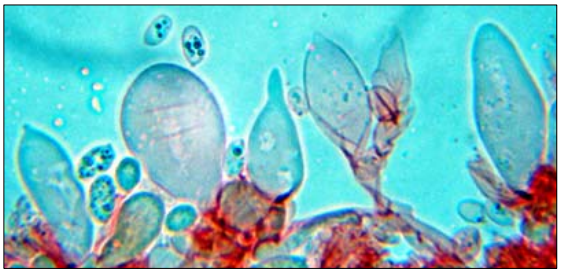
The term "medusa head" used below for the tendril-like protuberances found in some cystidia is purely mine. The term 'brush cell' is the recognised name for the typical short 'stubble' found on many cystidia. Basidia are 4-spored unless otherwise stated. The photos are mine, with a few (marked MG) kindly supplied by Mal Greaves, and are of cheilocystidia unless otherwise stated (*size is not to scale, colour is artificial*). Salient features are in bold. The source of references and line drawings is given below.
A&L: Aronsen & Læssøe Fungi of N. Europe vol 5; B & K: Fungi of Switzerland vol 3; CBIB: Checklist of British & Irish Basidiomycota; FN: Funga Nordica 2012; FRDBI: Fungus Records Database for Britain & Ireland *no. of records up until 2015*; M d'E: Mycena d'Europa (Robich vol.1 & 2); Phil: Mushrooms - Roger Phillips 2006.

only decid | *only conif* | *mainly decid, rarely conif* | *mainly conif, rarely decid* | *both decid and conif* | *other habitat* | *cap < 1cm*

abramsii In deciduous litter/ on moss-covered trunks, primarily deciduous (*Fagus*) but can be conifer, in small groups, mainly early summer. Cap to 3cm, grey-brown (umbonate?); gills white to greyish; stipe with **clear watery juice** and translucent bands, base strigose; **smell nitrous when bruised.** (*Fragilipedes – am. spores, oblong ellipsoid; cheilos to 80µm, smooth, fusiform/ obovate, **some with (long) rostrate tips***; pleuros similar.)

FRDBI 256

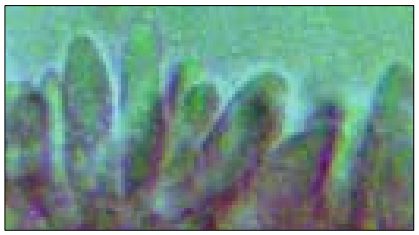
A&L p112; B&K no311; Cetto no 2751; FN p438; M d'E p217.



acicula In deciduous litter/ on twigs/ decayed wood, often with *M. speirea*. **Cap** to 1cm, conical, **deep apricot to yellow/ orange**; **stipe yellow** (compare with *M. adonis*), sticky. (*Aciculae (the only species) - non-am. spores, hyaline, pipshaped; cheilos to 27µm, fusiform/ clavate, in a pallisade; pleuros similar.*) From spring onwards.

FRDBI 1755

A&L p320; B&K no 312; Cetto no 1889; FN p426; M.d'E p19; Phil p86.

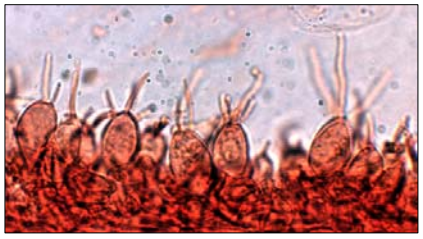


aciculata On decaying vegetable matter, conifer wood/ fallen cones, grass stems; compare with *M. stylobates*. **Cap** to 7mm, grey **with long setae**; c. 13 gills, greyish with pale edge; **stipe** pruinose **with hairy disc**.(*Basipedes – non-am. spores, hyaline, ellipsoid cylindrical; cheilos to 34µm (to 16µm wide), smooth, clavate, some rounded, some with one or more long tassels; **no pleuros**; cap cuticle with large thick-walled setae.*)

FRDBI 145

MG

A&L p278; FN p416; M.d'E p68. (**NB Previously known as *M. longiseta*)**



adonis On deciduous or conifer twigs, decayed wood, also among grass/ moss in heathland. **Cap** to 1.5cm, campanulate with uplifted margin, **signal/ coral/ salmon red** fading with age; **stipe white** (red in var. *coccinea*). (*Adonidae – non-am. spores, ellipsoid/ subglobose; **2-sp. basidia**; cheilos to 70µm, smooth, lageniform/ fusiform, often with flexuose rostrum; pleuros frequent, similar.*) *M. rosella* similar but caespitose on *Picea* needle litter & 4-sp. basidia.

FRDBI 347

A&L p322; B&K no313; Cetto no 2359; FN p427; M.d'E p27.

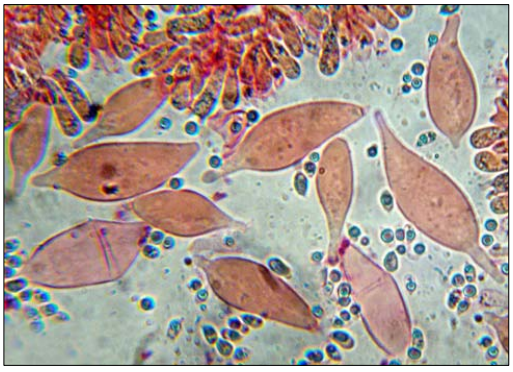


adscendens See under new name ***tenerrima***

aetites In lawns/ meadows/ soil among grass. Cap to 2cm, conic to plane, shiny (dark) brown-grey drying to beige with darker centre, margin striate, gills grey**; smell mildly raphanoid, bleachy**. (*Fragilipedes – am. spores, hyaline, obovate/ pipshaped; cheilos to 75µm, smooth, fusiform with one or more long fingers, often pointed both ends like an old-fashioned baby's bottle; pleuros similar, numerous; clamps present.)* Compare with *M. leptocephala.*

FRDBI 1508

A&L p126; B&K no 315; Cetto no 2750; FN p434; M.d'E p222; Phil p84.



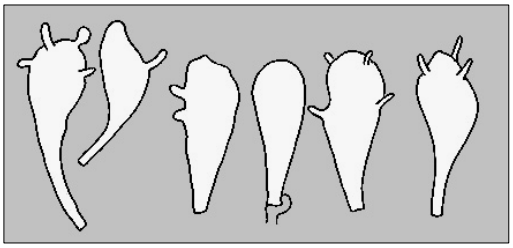
alba Not recognised as British in CBIB, though has 84 records in FRDBI.
Description on page 13.

albidolilacea On decayed herbaceous litter/ woody fragments. Cap to 2cm, translucent-striate, flesh whitish with **pink-lilac flush**, darker centre; gills with **pinkish edge**; stipe often white-hairy, base fibrillose; smell nitrous/raphanoid. (*Rubromarginatae – am. spores, pip-shaped; cheilos to 45µm, clavate with a few short medusa heads; **no pleuros**.*

FRDBI 3

A&L p160; FN p414.

AA

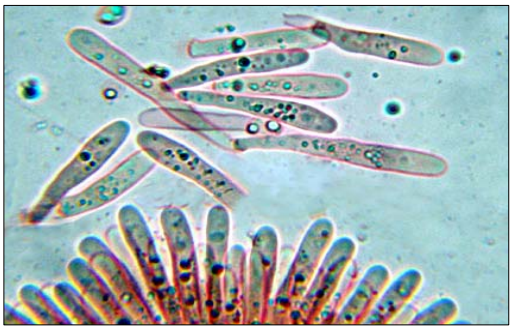


only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm

amicta On conifer (occ. deciduous) wood, stumps, bark, cones. Cap to 2cm but often <1cm; conic/ campanulate, dull/ tomentose / sticky, slightly peelable, (dark) greyish, margin **sometimes dk. blue**; gills white decurrent; **stipe clearly tomentose**, can be **blue-green at base**; smell raphanoid. (*Amictae – non-am. spores, hyaline, subglobose/ pip-shaped; cheilos to 50µm, smooth, club-shaped, in a pallisade;* ***no pleuros***.)

FRDBI 668

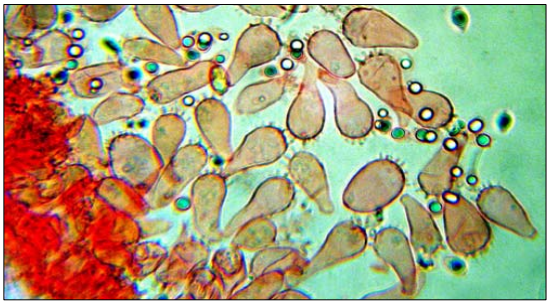
A&L p260; B&K no 318; Cetto no 2357; FN p419; M.d'E p54.



arcangeliana On deciduous (occ. conifer) decayed fallen trees/ branches/ moss-covered trunks, clustered habit. Cap to 2cm, dull sulphur-yellow with olive-greenish tones; gills whitish decurrent, pinkish with age; flesh lemon yellow, stipe with lilac tinge (young), rigid; **iodoform smell when contained/ drying**. (*Filipedes – am. spores, hyaline, sub-globose (fatter than in similar metata); cheilos to 55µm, pyriform with thin brushcells, some with no"stem"; numerous pleuros,similar.)*

FRDBI 3316

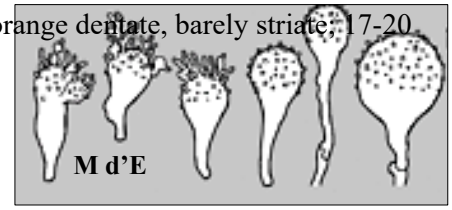
A&L p198; B&K no 319; Cetto no 2366; FN p436; M.d'E p147; Phil p81.



aurantiomarginata On conifer needle litter. Cap to 2cm, grey to (light) brown, margin orange dentate, barely striate; 17-20 gills, concolorous, **edges orange**; stipe brown (orangey), fragile, with white/ yellow mycelium. (*Elegantes – am. spores, hyaline, cylindrical; cheilos to 54µm, some pyriform with brushcells, some with medusa heads; pleuros similar.*

FRDBI 62

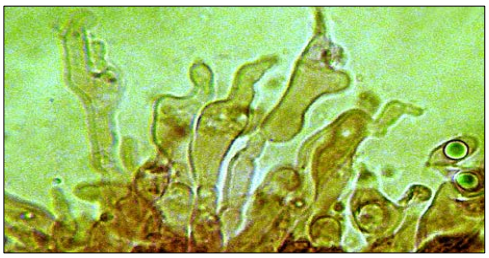
A&L p164; B&K no 320; Cetto no 564; FN p412; M.d'E p471.



belliae On *Phragmites* in stagnant water, at or just above water level; sometimes clustered. Cap to 2.5 cm, pale grey-brown transluscent-striate, gills distant, decurrent; stipe slimy. *(Spores large – to 15µm long; cheilos v. variable, irregular, some with a few apical fingers.)*

FRDBI 20

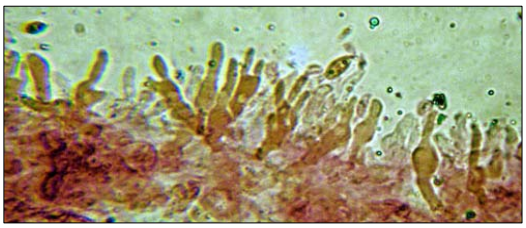
A&L p212; Cetto no 2352; FN p418; M.d'E p776 as *M. belliarum*



bulbosa On herbacious stalks (*Juncus, Scirpus, Glyceria*). Cap to 5mm, grey-brown with a separable gelatinous pellicle; gill edge with gelatinous lining, with pseudocollarium; stipe with **white hairy basal disc.** (*Basipedes - non-am. spores, pip-shaped; cheilos to 55µm, smooth, clavate with up to three broad apical fingers;* ***no pleuros***.)

FRDBI 318

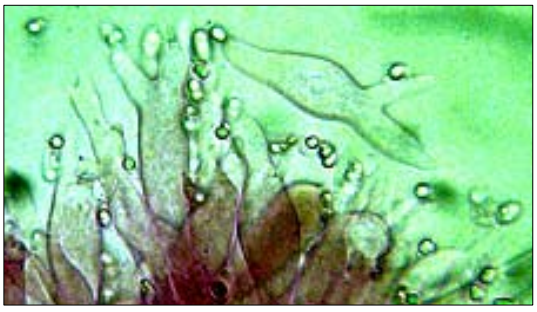
A&L p272; B&K no 321; Cetto no 2367; FN p417; M.d'E p764.



capillaripes On conifer (*Picea*) twigs/ needle litter. Cap to 2cm, with brown/ pink/ vinaceous tints; < 20 gills, with dark spots, **edge red-brown** but **no watery red juice** (compare with *M. sanguinolenta*); stipe fragile, hollow, concolorous with cap; **smell nitrous.** *(Rubromarginatae – am. spores, to 11µm, ovoid; cheilos to115µm long, fusiform/ ventricose with rounded tops, occasionally forked; pleuros similar, numerous.)*

FRDBI 522

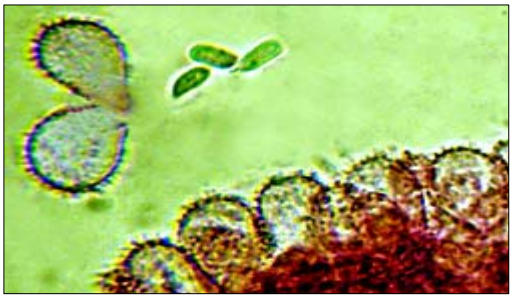
A&L p158; B&K no 322; Cetto no 2361; FN p414; M.d'E p596.



capillaris On fallen decaying *Fagus* leaves. Cap tiny, to 5mm, white/ grey; **gills rudimentary**, compare with *polyadelpha* on *Quercus* leaves but with gills adnate/ decurrent; stipe may be coiled, occ. with brownish hairy basal disc. (*Polyadelphiae – am. spores, cylindrical* (*longer/ narrower than similar M. polyadelpha); cheilos to 36µm, clavate with brushcells on upper half;****no pleuros****.)*

FRDBI 1000

A&L p242; B&K no 323; FN p427; M.d'E p544.



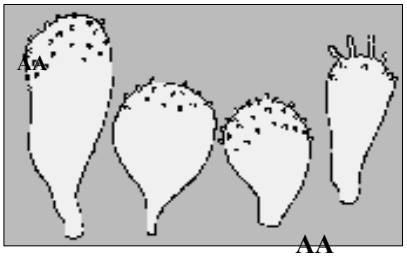
only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm

cecidiophila On galls on acorn cups. Cap to 1cm, when mature flat with depressed darker centre, white sugared, with sep. pellicle and fimbriate margin; up to 30 gills, ventricose; stipe fragile, pruinose all over, with fine hairy disc/ pad; smell absent or nitrous. (*Sp. ellipsoid, amyloid;* ***cheilos & pleuros absent!*** *Caulos (broadly conical with acute or rostrate apex; terminal cells of* ***cap cuticle with acanthocysts****.*)

FRDBI 3

A&L p276; M.deE (p78); FN p409

N.B. See image for *rhenana*, which for A&L is synonymous, varying only in the host, though it seems that species has a more pronounced though small basal disc.

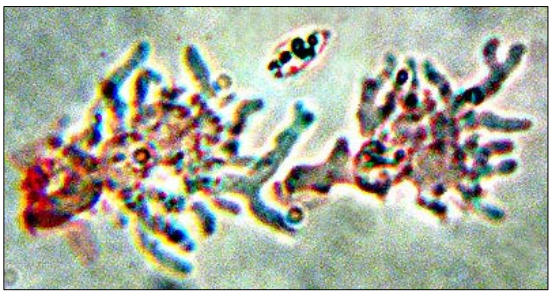


AA

chlorantha In sand dunes on grasses. Cap to 2.5cm, olive green/ brown; **gills** white/ pale yellow **with yellow edge**; stipe base with greenish hairs; **iodoform smell** when damaged/ drying. *(Filipedes – am. spores, ellipsoid; cheilos to 50µm, clavate with brushcells and some longer outgrowths; pleuros similar.)*

FRDBI 133

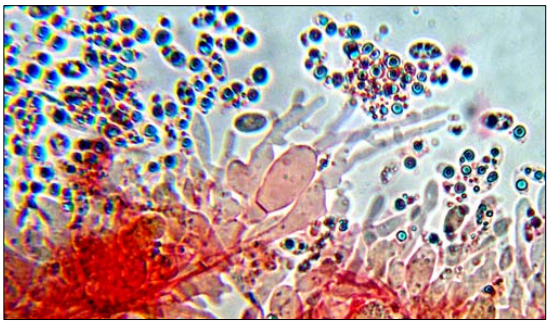
A&L p196; FN p411; M.d'E p890.



cinerella On deciduous/ conifer litter, mossy stumps, lawns, with bracken, often late autumn. Cap to 1.5cm, parasol-shaped with depressed centre, ash grey, paler margin; **gills almost decurrent; farinaceous smell**. *(Cinerellae – am. spores, hyaline, ovoid/ ellipsoid; cheilos to 30µm, narrow cylindrical with large heads and apical coral-like outgrowths;* ***no pleuros*** *(B&K))*

FRDBI 785

A&L p218; B&K no 324; Cetto no 2362; FN p421; M.d'E, p789.



citrinomarginata On plant debris/ grasses/ mosses in meadows/ forests. Cap to 2.5cm, grey-brown/ olivey-yellow, paler margin; **gills with deep yellow edge**; **stem yellow**. *(Fragilipedes – am. spores, cylindric ellipsoid, to 13µm; cheilos to 60µm, smooth, fusiform/ utriform, some branching/ forking;* ***no pleuros****.)*

FRDBI 115

A&L p152; FN p411; M.d'E p245.



clavata On conifer bark / litter (occ. decid.). Cap to1cm (or just more), palish brown, depressed centre with darker dot, translucent-striate; 8-16 **gills, sparse, deeply decurrent**; stipe paler, base with whitish fibrils. (*Hiemales – non-am. spores, subglobose, to 11 x 9µm; basidia 2-(4-)spored; cheilos to 60+µm, subfusiform with thin (sometimes branched) flexuose (gelatinous) neck, also shorter and clavate, some with medusa heads;* ***no pleuros****.Clamps present when 4-spored.*) New to UK in 2016. Compare with v. similar *speirea* (darker colour, habitat, also gill, spore and cheilo shape).

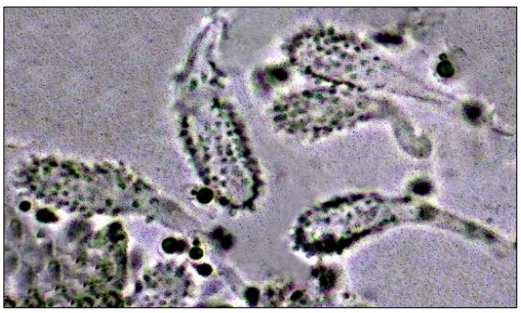
FRDBI 0

A&L p314; FN p421; M.d'E p1258.

clavicularis In conifer litter, esp. *Pinus*, also wet living decid. bark. Cap to 2cm, dry, warm drab grey/ fawn; gills slightly decurrent; **stipe slimy**. *(Cinerellae – am. spores, long cylindrical; cheilos to 50(90)µm, clavate with ± long stem and heads covered in prominent brushcells, sometimes dividing; pleuros similar.)*

FRDBI 188

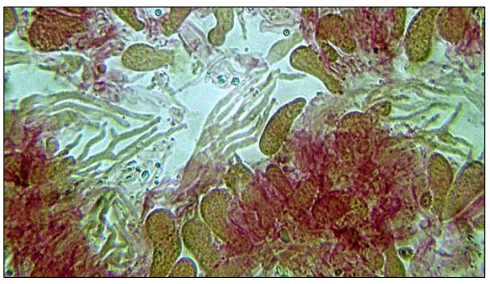
A&L p226; Cetto no 2351; FN p420; M.d'E p132; Ph p86.



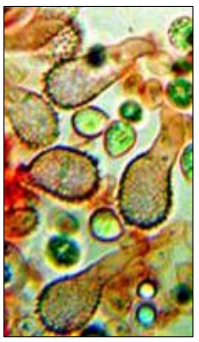
clavularis On deciduous living bark. Cap to 7mm, hairy **with separable pellicle**, pale whitish-grey; gills subdecurrent with pseudocollarium; **stipe** pubescent **with white disc**. *(Basipedes – am.* ***spores, (sub)globose****; cheilos to 25µm with very long wavy medusa heads;* ***no pleuros****.)*

FRDBI 256

A&L p274; FN p417; M.d'E p64; Phil p87.



only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm

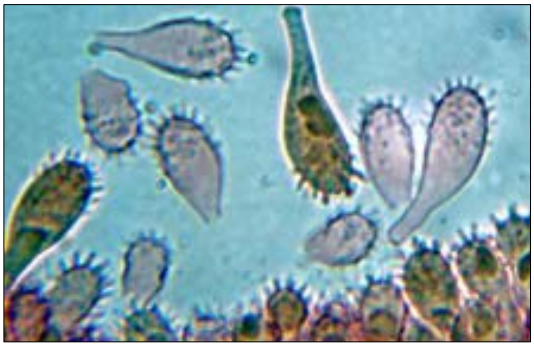




corynephora On deciduous mossy bark/ lichen of living trees. Cap tiny, to 5mm, white-grey; 8-10(14) gills; stipe sometimes bent, translucent, base swollen but **no disc**; whole fruitbody floccose/ pruinose – as icing sugar. (*Sacchariferae – am. spores, hyaline, ellipsoid and globose; cheilos to 40 µm, pyriform, ± covered in closely packed brushcells; **no pleuros**; caulos elongate clavate, also with brushcells.*)

FRDBI 131

A&L p282; B&K no 325; FN p409; M.d'E p636.



crocata Only on *Fagus*; distinctive species with **conspicuous copious orange juice** in stem, often also apparent in cap esp. when damaged / collected. Cap colour can vary from white through to brown or almost black. (*Lactipedes – am. spores, ellipsoid; cheilos to 43µm, irregularly clavate with long necks and erratic brushcell outgrowths.*)

FRDBI 835

A&L p178; B&K no 326; Cetto no 1888; FN p416; M.d'E p434; Phil p82.

dasypus On needle litter of *Pinus*, leaf litter of *Quercus* and *Rubus*. *(Polyadelpha)* (No diagram)

FRDBI 5

(M.d'E p541, 549; A&L p338)



diosma In *Fagus* woodland on litter; a *M. pura* look-alike but cap with darker reddish/violet tones and concentric zoning towards margin, grey-violet gills and a sweeter smell, more fruity, of incense and less raphanoid. (*Purae – am. spores, ellipsoid; cheilos to 80(100)µm, smooth, numerous, fusiform/ clavate with rounded tops; **pleuros absent or rare, unlike in pura.)***

FRDBI 120

A&L p296; B&K no 328; FN p423; M.d'E p97.



epipterygia On humus, leaves, conifer needles, ferns, grasses, mosses, rotten hardwood. Cap to 2.5cm, viscid, cream/ white/ yellowish, **with peelable pellicle**; **stipe viscid with yellow component**; smell rancid; (*Hygrocyboideae – am. spores, subcylindrical, 8-11 x 4-6µm; cheilos to 35µm, very irregular with misshapen outgrowths; **no pleuros.***)

FRDBI 3328

A&L p206; B&K no 329; Cetto no 125; FN p419; M.d'E p388; Phil p85.

epipterygia var. pelliculosa and **epipterygia var. viscosa** are not recognised as British in CBIB. Descriptions on page 14.

epipterygioides On decayed conifer stumps/ branches, usually *Pinus* (occ. *Betula*). *(spores 8.5-10 x 6.5-7.5(8)µm; **basidia 2-spored**; cheilos to 25µm, similar to epipterygia.* (No diagram shown)

FRDBI 72

A&L p209; FN p364; M.d'E p398.



erubescens On deciduous mossy stumps in small groups, sometimes to 2 meters up. Cap to 1.5cm, dry, greyish then brown; **gills with pinkish blotches**; stipe with **watery whitish juice,** apex bluish-white, base with fibrils; **bitter taste** esp. when young, no nitrous smell. (*Lactipedes – am. spores, ellipsoid; **basidia 2-spored;** cheilos of two types: to 90µm long, smooth fusiform with rounded/ pointed apex, also much smaller with medusa heads; pleuros numerous, similar.)*

FRDBI 109

A&L p176; B&K no333; Cetto no 2746; FN p415; M.d'E p438;

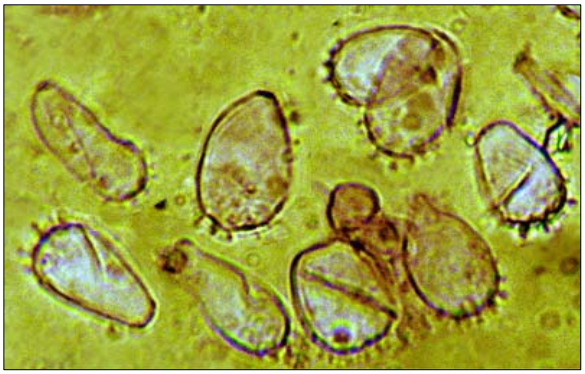
fagetorum Not recognised as British in CBIB. Description on page14.

only decid | *only conif* | *mainly decid, rarely conif* | *mainly conif, rarely decid* | *both decid and conif* | *other habitat* | *cap < 1cm*

filopes On deciduous and conifer litter/ branches/ buried wood, also moss/ grass. Cap to 2cm, grey-brown/ beige with darker centre; gill edge smooth; stipe apex whitish with lilac/ blue tinge?, hollow, fragile; **iodoform smell when bruised or contained.** (*Filopedes – am. spores, ellipsoid/ subcylindrical;* ***basidia 2- and 4-spored****; cheilos to 32µm, pyriform, with sparse brushcells at apex, also some irregular outgrowths,* ***mostly notably sessile****;* ***pleuros absent or rare****.*) Compare with *similar* ***vitilis*** which has longer cheilos with long digitiform outgrowths; compare with ***metata*** which has longer thinner spores, cheilos mostly twice as long with long thin necks also pleuros present (yellow in Melzers?)

FRDBI 3187

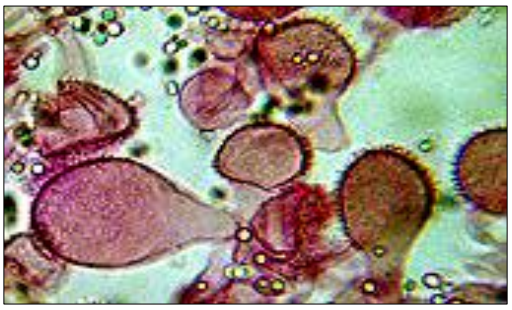
A&L p180; B&K no 334; Cetto no 2365; FN p431; M.d'E p160; Phil p85.



flavescens On deciduous and conifer litter, mossy trunks, mossy meadows. Cap to 1.8cm, dull, white/ cream with yellow tinge, darker centre, obtuse umbo; gills slightly decurrent, **edges yellow but only when young**; stipe flexuose, **tacky**, fragile, with mycelium; **smell raphanoid/ of potatoes.** (*Filopedes - strongly am. spores, cylindrical; cheilos to 65µm, ovoid/ claviform with many fine brushcells in top third; pleuros similar.*)

FRDBI 37

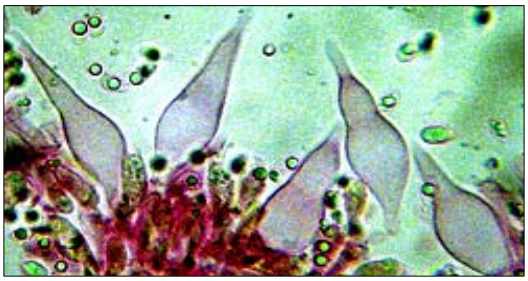
A&L p192; B&K no 335; FN p412; M.d'E p165; Phil p85.



flavoalba In grass, moss, (conifer needle beds, deciduous fallen twigs); in troops**.** Cap to 2cm, dull, light yellow, centre darker, whitish margin; stipe easily snapped; smell faintly raphanoid. (*Adonidae – non-am. spores, fat cylindrical; cheilos to 80µm, smooth, lageniform/ fusiform with amorphous material at apex (view in H2O); pleuros similar.*) **NB has also been known as *luteoalba***

FRDBI 2005

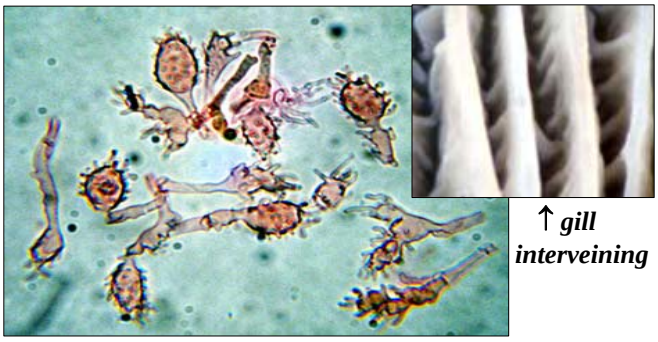
A&L p 324; B&K no 336; Cetto no 1004; FN p428; M.d'E p32; Phil p86.



galericulata On deciduous (occ. conifer) decaying wood; can be **deceptively large for the genus**; single or clustered; v. common, occurs all year. **Cap to 8 cm**, greyish, sometimes pinkish; **gills with interveining (see insert)**, sometimes pink with age. (*Mycena – am. spores, ellipsoid, (sub)globose, to 12µm;* ***mainly 2- but sometimes 4- spored basidia****; cheilos to 55µm, irregular long and thin with medusa heads;* ***no pleuros)****.* Compare with similar *M. polygramma*, *inclinata and possibly megaspora given suitable habitat*.)

FRDBI 11176

A&L p78; B&K no 338; Cetto no 558; FN p442; M.d'E p500; Phil p81.



↑ ***gill interveining***

galopus On deciduous and conifer debris; **stipe with white juice but no bitter taste** as in *erubescens*. (*Lactipedes – am. spores, cylindrical, to 14(16)µm; cheilos to 110µm, smooth, fusiform/ ventricose, some with a nipple, often in groups; pleuros similar.*) *erubescens* spores are fatter and shorter, also some cheilos have medusa heads.

FRDBI 6342

A&L p172; B&K no 339; FN p415; M.d'E p443; Phil p83.

galopus var. candida As above but fruitbody entirely white. (*spores only to 12µm and cheilos only to 90µm.*)

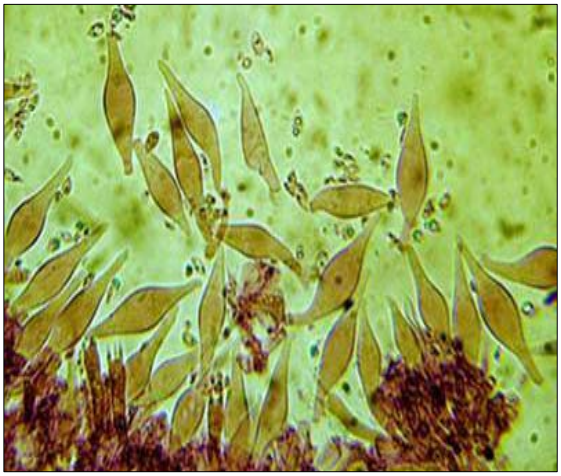
FRDBI 787

A&L p174; Cetto no 2355; (FN p360); M.d'E p451; Phil p83.

galopus var. nigra As above but fruitbody blackish and stipe with white mycelium; often found on burnt ground / in moss. (**Also known as *leucogala* / *galopus* var. *leucogala***)

FRDBI 1718

A&L p174; B&K no 346; Cetto no 2354; (FN p360); M.d'E p454; Phil p8.



only decid | *only conif* | *mainly decid, rarely conif* | *mainly conif, rarely decid* | *both decid and conif* | *other habitat* | *cap < 1cm*



haematopus On deciduous (occ conifer) fallen branches/ decayed wood. Cap warm pinky brown; **stipe** darker, **with dark red-brown juice**. *(Lactipedes – am. spores, ellipsoid; cheilos to 90µm, smooth, fusiform with long pointed necks and pink contents; pleuros similar.)*

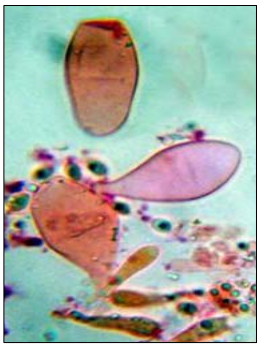
FRDBI 2797

A&L p168; B&K no340; Cetto no 1445; FN p410; M.d'E p457; Phil p83.

hiemalis On deciduous mossy trunks (*Fagus, Salix, Ulmus*)**. Compare with v. similar *speirea, olida & alba***. Cap to 7(12)mm, pale grey/brown with darker centre; 12-16 gills, ascending, **ventricose**; stipe to 45mm, longer than in *alba*, often bent, pruinose; no smell. (*Hiemales - non-am spores, ellipsoid, often with large guttule; **2-spored basidia**; cheilos to 50µm, smooth contorted fusiform/ claviform with rounded apex; pleuros absent/ v.rare; **cap cuticle hyphae diverticulate** with scattered narrow, not inflated 'fingers' to 10 x 3µm.*)

FRDBI 748

A&L p306; B&K no 341; FN p436; M.d'E p364.





cap cuticle

inclinata On deciduous trunks/ damaged wood – mainly Q*uercus;* fasciculate habit, grows in dense clusters. **Distinctive smell of lupin**/ strong mealy-rancid**; stipe orange-brown towards base**, white apex, when dry can be grooved like *polygramma*. (*Mycena – am. spores, hyaline, fat ellipsoid; cheilos to 35µm, irregularly clavate with long forking medusa-like strands, **no pleuros**.*) Compare with similar *M. polygramma* and *galericulata.*

FRDBI 3953

A&L p90; B&K no 342; Cetto no 557; FN p440; M.d'E p510; Phil p85.



kuehneriana ***(habitat*** as *pura*) Cap to 1(2)cm, pale brown with lilaceous/ pinkish tinge; gills decurrent; smell raphanoid, same as *pura*. (*Calodontes sect. Purae – **am. spores*** (similar *pearsoniana* has non-am. spores but cheilos the same). **N.B.** no diagram here but see under *pearsoniana* for shape of cheilos.)

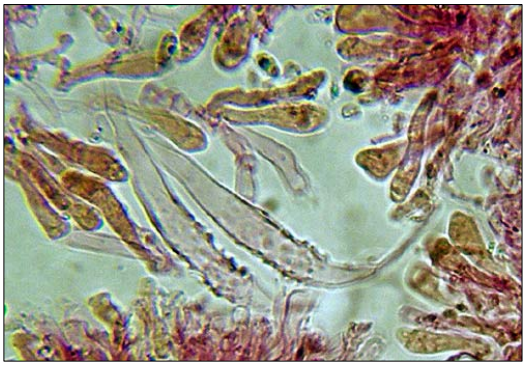
FRDBI 6

A&L p340; FN p421; (M.d'E p89).

latifolia In conifer and deciduous forests in soil/ moss/ sphagnum, also in damp mossy meadows. Cap to 2cm, shiny and lubricous, translucent, striate ¾ to centre, umber-grey brown, dark centre; whitish **gills**, widely spaced, **with interveining as in *galericulata***; stipe flexuous, stiff, elastic, hollow, white mycelium; **smell mealy**. *(Intermediae – am. spores, ellipsoid-cylindrical; cheilos to 90µm, clavate, fusiform with rounded mainly smooth apex but **brushcells around centre**; pleuros similar.)*

FRDBI 28

A&L p236; B&K no 344; FN p374; M.d'E p425.



leptocephala In deciduous and conifer forests on soil, litter, needles, mosses, on buried twigs/ roots, also in grass near trees. Cap to 2cm, dark grey-brown to light ash; gills greyish white; stipe pruinose; **strong bleach smell, nitrous, of poppy leaves**; fb v. fragile. (*Fragilipedes – am. spores, hyaline, to 3.5µm, ellipsoid/ ovoid; cheilos to 85µm, smooth, fusiform, ventricose, some tips rounded, some with nipple, some forked; pleuros similar; clamps present.*)

FRDBI 3430

A&L p114; B&K no 345; FN p438; Cetto no 2368; M.d'E p263; Phil p84.



longiseta See under ***aciculata*** (accepted name)

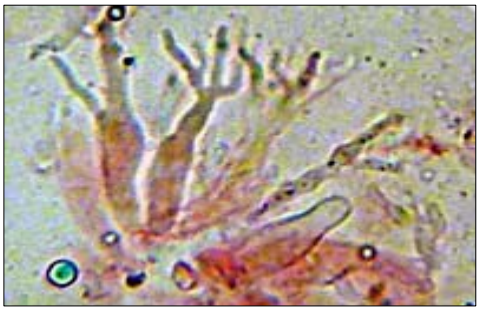
luteoalba See under ***flavoalba*** (accepted name)

only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm

maculata On dead deciduous (occasionally conifer) wood; similar to *galopus* var. *nigra* but no milk. Cap to 4cm, grey to red-brown with darker centre, ¾ striate; gills (and sometimes cap) later spotted reddish-brown, ventricose; stipe sometimes longditudinally grooved, red-brown, darker and tomentose towards base, hollow/ elastic; smell unremarkable; clustered habit. (*Mycena –am. spores, broadly ellipsoid; cheilos to 30µm, irregularly clavate with medusa heads;* ***no pleuros***.)

FRDBI 152

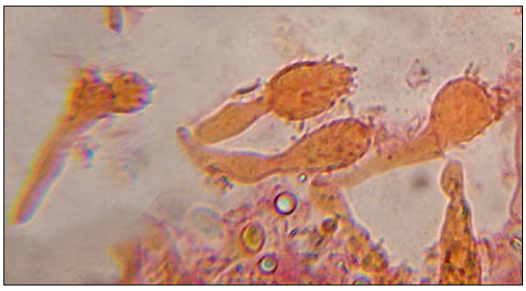
A&L p94; B&K no 347; Cetto no 1895; FN p440; M.d'E p517; Phil p83.



megaspora In heathland, sphagnum, peaty or burnt ground. Cap to 5cm, brownish-black to dark grey-brown; gills subdistant, interveined, grey/ pink; stipe tough, hollow, ± grooved, rooting. *(Mycena - am. spores, subcylindrical* ***(8)11-16µm****; 2- & 4-spored basidia;* *cheilos to 76µm, irregularly elongate clavate, narrow with shortish medusa heads,* ***pleuros present but absent in similar M. galericulata****).*

FRDBI 194

A&L p85; FN p432; M.d'E p522; Phil p84.



meliigena On deciduous living bare/ mossy bark, lichen; often gregarious. Cap tiny, to 7mm, parasol shaped, violaceous brown with darker centre; 9-13 gills, with faint pink tinge. *(Supinae – am. spores, hyaline, (sub)****globose****, to 12µm;* ***2- & 4-spored basidia****; cheilos to 55µm, irregularly clavate, narrow, with brushcells and some medusa outgrowths;* ***no pleuros****.)* See also similar *pseudocorticola*.

FRDBI 52

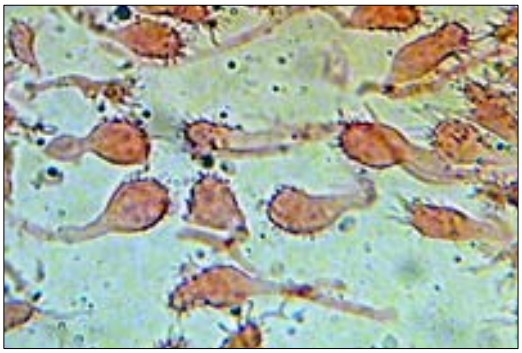
A&L p232; B&K no 348; FN p425; M.d'E p661.



metata On conifer (occasionally deciduous) litter, plant remains. Cap to 2 cm, conic with nipple-like umbo, clear brown at first, with flesh-coloured tinge (never greenish like *arcangeliana*), darker centre; 22-30 gills; stipe concolorous; **iodoform smell**. (*Filipedes – am. spores, ellipsoid/ cylindrical, longer and narrower than in arcangeliana;* ***some 2-spored basidia****; cheilos* ***to 90µm****, longer than in arcangeliana with more neck, irregularly pyriform with prominent brushcells in top third, and some longer out-growths;* ***pleuros numerous,*** *similar (yellow in Melzers?)* Compare *M. mirata and filopes.*

FRDBI 1427

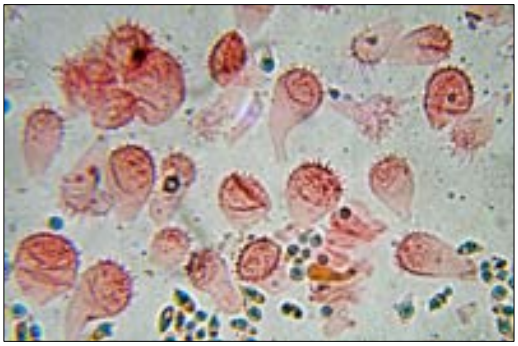
A&L p184 (& 182); B&K no 349; Cetto no 2364; FN p431; M.d'E p172.



mirata On deciduous mossy trunks/ living bark/ lichen (also *Picea* twigs/ bark). Cap to 1cm, campanulate, ochre/ reddish brown at centre, fading to whitish margin; **gills** white (then peachy), adnexed, **12-16**(22); stipe concolorous with white apex, hollow, sometimes with small bulb. (*Filipedes – am. spores broadly ellipsoid with guttules;* ***2-spored basidia****; cheilos* ***to 45µm,*** *pyriform/ clavate with small brushcells in top third, some with longer outgrowths****; pleuros rare or absent****.*) Compare with very similar *metata.*

FRDBI 132

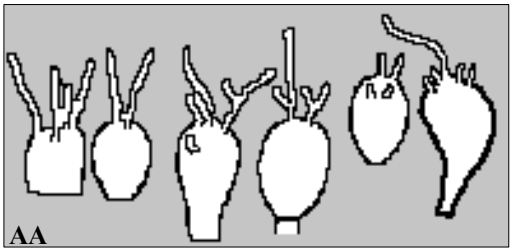
A&L p188; B&K no 350; FN p437; M.d'E p177.



mucor On woody debris/ leaves – both deciduous and conifer. Cap to 4(5)mm, tiny, grey then whitish, **separable pellicle(!)**; gills grey/ white, 11 reaching stipe, pseudo-collar present; **stipe** shiny white **with small velutinous disc**. *(Basipedes – am. spores, cylindrical/ ellipsoid; cheilos to 29µm, clavate, apex with a few simple narrow medusa heads, to 18µm lomg;* ***no pleuros****.) stylobates* (on same habitat) has ciliate disc and cheilos coarse and inflated; *polyadelpha* has no disc (base can be hairy) and brushcell cheilos.

FRDBI 87

A&L p268; FN p418; M.d'E p759.

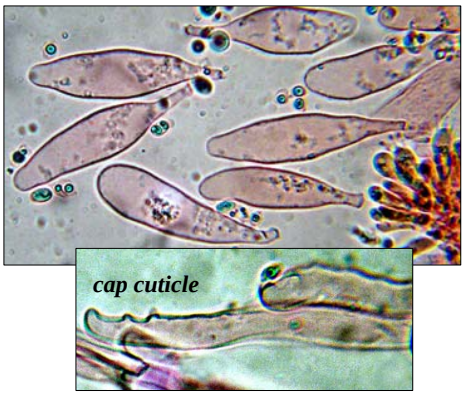


only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm

olida On deciduous mossy living bark/ trunks. **Compare with v. similar *hiemalis, speirea & alba***. Cap to 1.5cm, ivory/ creamy white with yellowish/ darker centre; 18-28 gills (i.e. more crowded than the other three), white, ascending, **ventricose**; stipe fragile?, minutely hairy, base white fibrillose. (*Hiemales – non-am. spores, hyaline, ellipsoid with prominent apiculus, more oval than in speirea, to 9x6µm, some with guttules;* ***2- (or 4-?)spored basidia****; cheilos to 80µm, fusiform/ ventricose, smooth, regular to ± utriform/ flexuose, less swollen and longer than in M. hiemalis; pleuros rare or absent;* ***cap hyphae ± smooth with a few undulations/ swellings, not clearly digitiform as in the other three similar species****).*

FRDBI 1134

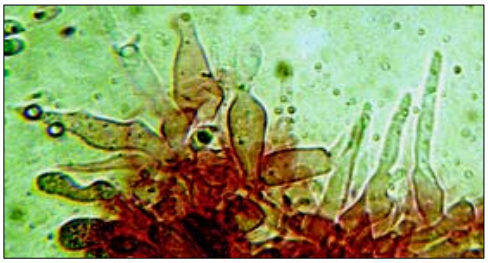
A&L p310; B&K no 351; FN p435; M.d'E p369.



olivaceomarginata In grassland. Cap to 2.5, grey-brown, yellow-olivaceous to red-brown; **gills grey with yellow-brown/ reddish-brown/ olivaceous edge** (often only near cap margin); stipe olive-yellow; **smell raphanoid/ weakly nitrous**. (*Rubromarginatae – am. spores, long ellipsoid, to 14µm with many guttules; cheilos to 50µm (85 including long pointed digitiform outgrowths;****no pleuros.)***

FRDBI 787

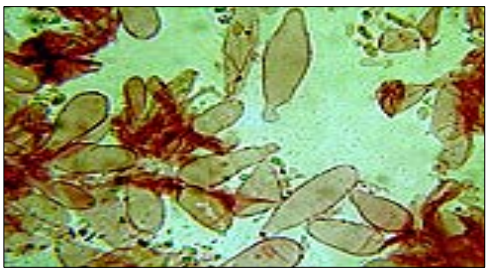
A&L p148; FN p415; M.d'E p601; Phil p85.



pearsoniana A *kuehneriana* look-alike, like a miniature *pura*. Cap 0.8-2cm; gills (sub)decurrent, edge may be darker when young. (*Calodontes sect. Purae -* ***non-am. spores*** *unlike in kuehneriana; other microscopic features as in pura but pleuros absent(?)*)

FRDBI 138

A&L p302; FN p422; M.d'E p121?; Phil p82.



pelianthina In deciduous leaf litter, mainly *Fagus*. Cap to 5cm, often flat, grey–brown with lilac tint fading to whitish beige; **gills** grey-violet **with dark purple edge; smell raphanoid**, as in *pura*. (*Calodontes sect. Marginatae – am. spores, cylindrical; cheilos to 90µm, as in pura with brown-purple contents; pleuros similar, abundant.)*
(Far right: gill edge)

FRDBI 1427

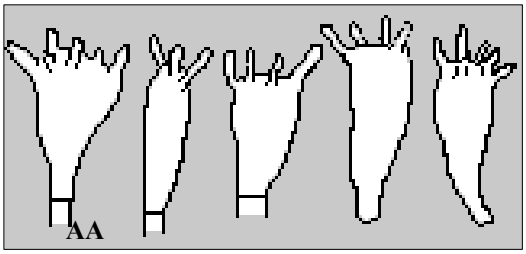
A&L p286; B&K no 352; Cetto no123; FN p413; M.d'E p91; Phil p82.



picta In deciduous or mixed conifer/ deciduous forests on decaying wood/ needles/ leaves/ mossy living trunks. Cap to 6 mm, cylindric/ campanulate with sunken centre, furrowed, dark brown; gills with golden brown edge, very broad; stipe concolorous, swollen apex, base with orange hairs. (*Pictae – am. spores, ellipsoid; 4- &* ***2- spored basidia****; cheilos hard to see, in chains of inflated cells, end-cells globose with a few simple digital outgrowths;* ***no pleuros****)*

FRDBI 12

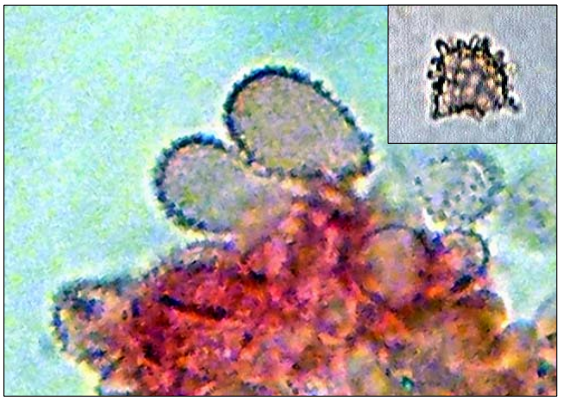
A&L p284; B&K no 353; FN p437.



polyadelpha On decaying *Quercus* (rarely *Fagus*) leaves. Cap tiny, to 3mm, white, frosted; gills variable, absent/ rudmentary/ ± decurrent; stipe white powdered, **no disk or hairs**. (*Polyadelphia – am. spores, broadly ellipsoid (*compare with *capillaris); cheilos to 25µm, clavate/ pyriform with brushcells covering up to ¾;* ***no pleuros; caulos at stipe base like globose spiny hedgehogs – see inset***). Compare with similar *smithiana*.

FRDBI 380

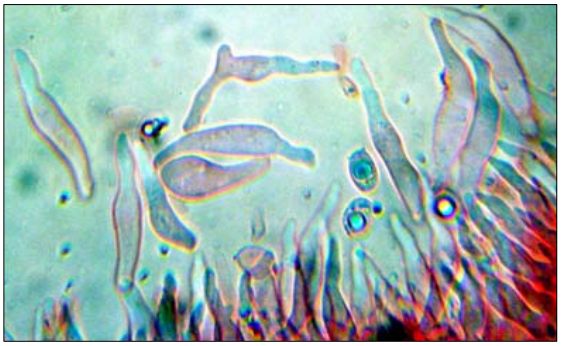
A&L p244; B&K no 354; FN p420; M.d'E p552.



only decid | *only conif* | *mainly decid, rarely conif* | *mainly conif, rarely decid* | *both decid and conif* | *other habitat* | *cap < 1cm*

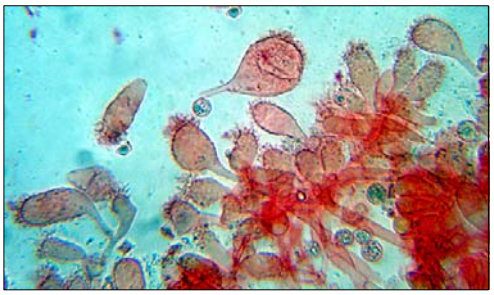
polygramma On deciduous wood, commonly *Quercus*, (v. rarely conifer?), on buried wood/ leaf litter; similar to a small to medium-sized
FRDBI *galericulata*; usually grouped/ clustered habit; often late Autumn.
3296 Cap to 5cm, light to grey brown with darker centre(?), shiny to satiny; gills whitish-grey; **long stipe with longditudinal grooves** but not always, concolorous, rooting; (*Fragilipedes - am, spores,broadly ellipsoid; cheilos to 45µm, irregularly fusiform/ ventricose with one or more long thinnish misshapen fimgers;* ***no pleuros;*** *clamps prominent.)*

A&L p106; Cetto no563; B&K no 355; FN p439; M.d'E p288; Phil p81.



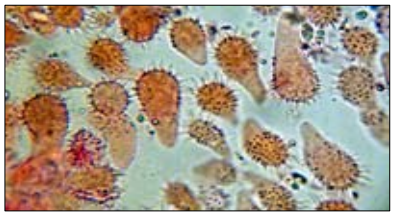
pseudocorticola On deciduous mossy living bark, also dead trunks. Cap to 1cm, conic/campanulate with indented centre, **lead-grey to steel blue**
FRDBI with whitish pruina, colour fading with age; gills whitish/ flesh
325 coloured; stipe white pruinose on grey background. (*Supinae – am. spores, (sub)****globose,*** *some wider than long****; basidia 2- spored****; cheilos to 45µm,(a few to 70µm) irregularly clavate with brushcells/ shortish medusa heads.*)

A&L p230; Cetto no 1007; B&K no 356; FN p425; M.d'E p665.



pterygena On decaying fern stems/ moist leaf stalks. Cap to 5mm, tiny, campanulate, **light pink** fading to whitish; 7-11 **gills with bright pink edge**; stipe pink,
FRDBI orange towards the base. (*Pterygenae – am. spores, subcylindrical; cheilos to*
170 *40µm, pyriform, top half with brushcells and/or shortish medusa heads.*)

A&L p162; B&K no 357; Cetto no 1892; FN p414; M.d'E p566.



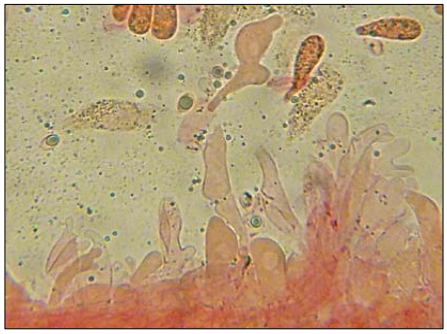
pura On litter in deciduous and coniferous forests (also grassland). Compare with similar *rosea*. Cap to 5cm or more, lilac-violet to pink-violet, sometimes
FRDBI entirely cream; gills and stipe +/- concolorous; **smell strongly raphanoid**.
6669 (*Calodontes sect. Purae – spores (sub)cylindrical; cheilos to 80(100)µm, smooth, fusiform with rounded apex, often with long pedicel; pleuros similar.*)

A&L p290; Cetto no 122; B&K no 358; FN p423; M.d'E p105; Phil p82.



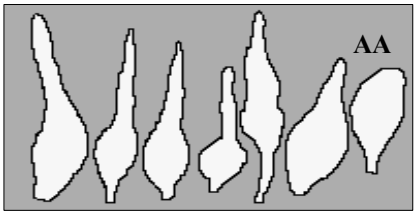
purpureofusca On rotten conifer (occ. deciduous) trunks. Cap to 4cm, grey to dark brown/ violet to blackish, pink when dry; **gills often with lilac/ violet/ blackish**
FRDBI **edge**; stipe concolorous, rooting. (*Rubromarginatae – am. spores, subglobose,*
200 *broadly ellipsoid;* ***basidia 4 & 2-spored****; cheilos to 75µm, smooth, irregular fusiform / ventricose, some with widish digitiform outgrowths,* ***no pleuros****.*)

A&L p146; FN p413; M.d'E p605.



renati On rotten deciduous wood, esp *Fagus*, clustered habit. Cap to 2cm, flesh-pink/ brown, darker umbo with whitish margin; gills pink/ salmon; **stipe all yellow**,
FRDBI hollow, fragile, **smell of chlorine/ nitric acid, then raphanoid**. (*Rubromarg-*
11 *inatae – am. spores, ellipsoid, to 13µm;* ***basidia 4-& 2-spored;*** *cheilos to 55(80) µm, smooth, fusiform/ ventricose with long necks, some forked and irregular.*)
From early summer. Similar *inclinata* has a darker cap, different smell & cystidia.

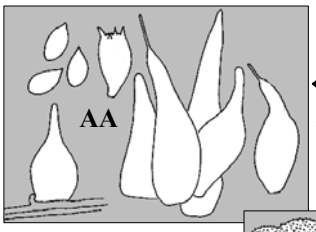
A&L p156; B&K no 359; FN p413; M.d'E p610.



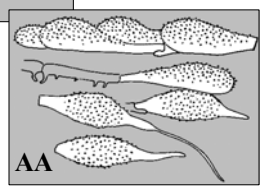
only decid | *only conif* | *mainly decid, rarely conif* | *mainly conif, rarely decid* | *both decid and conif* | *other habitat* | *cap < 1cm*

rhenana So far in UK on **old cones of *Alnus***. Cap to 1cm, flat when mature with depressed centre, white with darker centre, sugary, with sep. pellicle and
FRDBI 9 and fimbriate margin; up to 30 gills, ventricose; stipe fragile, finely hairy with **small hairy disc;** smell absent or nitrous. (*am. spores, ellipsoid; **cheilos & pleuros absent!** Caulos (broadly) conical with acute / rostrate apex; terminal cells of **cap cuticle with acanthocysts**.*) Compare with v. similar (possibly even synonymous?) ***cecidiophila,*** though habitat different.

A&L p276; FN p417; M.deE p74.



← *caulos, spores & basidia*

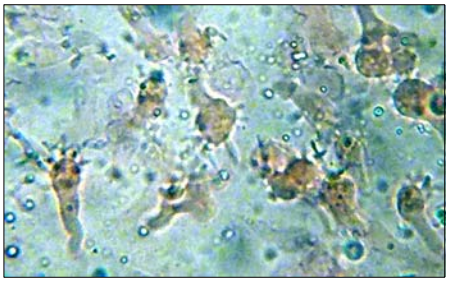


cap cuticle →

acanthocysts →

riparia On sedge stems in ditches / damp areas, sometimes in clusters. Cap tiny, <5mm, pale pinkish brown, translucent-striate, darker centre; 8-10
FRDBI 0 gills, concave, (sub)decurrent; stipe with strigose base. (*Polyadelphiae – am. spores, pip-shaped; cheilos to 26µm, irregular clavate with medusa heads; no pleuros or clamps.* New to UK from New Forest, Hants in 2016.

A&L p254; Md'E p1382.



rorida On previous year's plant remains, bramble, fern, twigs, leaves etc. Cap to 1(1.2)cm, dry, white-cream/ brownish, indented and darker centre; gills
FRDBI 801 distant, 14-18, decurrent; **stipe transluscent, covered in a slimy coating**. (*Roridae – am. spores, (sub)ellipsoid / cylindrical; **basidia 2-spored;** cheilos to 40µm, smooth, fusiform/ ventricose, rounded apex, some with glutinous covering visible, **no pleuros**.*)

A&L p330 (as *Roridomyces roridus*); B&K no 360; M.d'E p572; Ph p86.



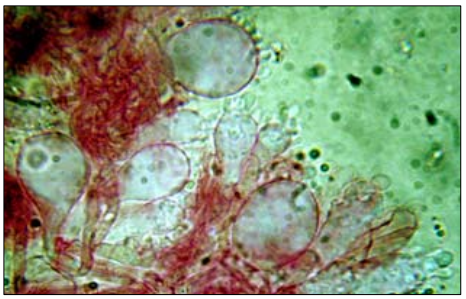
rosea As *pura* but cap pure rose pink with gills and stipe also ± pinkish-white.
FRDBI 1806 (*Microscopic characters also as pura but with the addition of globose / pyriform elements mixed with cheilos, not always present. See M d'E.*)

A&L p298; FN p423; M.d'E p123; Cetto no 1002.



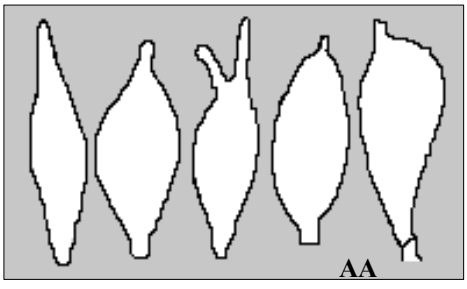
rosella In conifer forests on needle litter, esp. *Picea*. Cap to 1.5cm, (greyish) pink with darker centre; 12-22 **gills light pink with red edge** and dark spots,
FRDBI 176 (sub)decurrent; flesh pink; stipe translucent brown with pink tinge, base white, hairy; smell unremarkable; caespitose habit. (*Luculentae sect. Rosellae – am. spores, (sub)ellipsoid/ cylindrical; cheilos to 75µm, pyriform with long necks and short medusa heads; pleuros shorter, fusiform but lacking medusa heads.*)

A&L p166; B&K no 362; Cetto no 1006; FN p414; M.d'E p480; Ph p86.

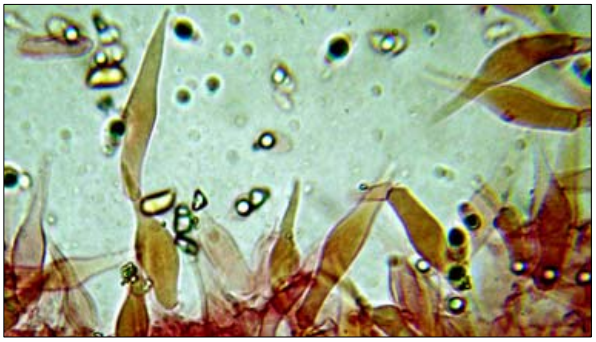


rubromarginata On conifer (& deciduous) stumps/ fallen branches/ decayed wood/ moss-covered living bark. Cap to 3cm, grey-buff to red-brown, darker
FRDBI 224 centre, with lilac/ pink tint; **gills** concolorous but **with purple/ brown-red edge**; stipe concolorous, fragile; smell ± absent. *(Rubromarginatae – am. spores ellipsoid/ subglobose, to 13µm; cheilos to 65(90)µm, smooth, irregularly cylindrical with one/ two elongated necks & side excrescences, some with guttules, **no pleuros**.)*

A&L p144; B&K no 363; Cetto no 1894; FN p413; M.d'E p614.



only decid | *only conif* | *mainly decid, rarely conif* | *mainly conif, rarely decid* | *both decid and conif* | *other habitat* | *cap < 1cm*



sanguinolenta In conifer and deciduous forests, commonly with *Picea*, on litter, twigs, needles, buried wood. Cap to 1.5cm, pinkish/ purple-brown, darker centre and dark brown margin; **gills with brown-red edges**; **stipe with watery pink fluid**. (*Lactipedes – am. spores, cylindrical/ ellipsoid; cheilos to 65µm, fusiform with long apical points and red/ brown contents; a few pleuros, similar.)* Compare with similar *capillaripes*,also with *Picea*, but lacking red juice and with larger rounded cheilos.

FRDBI 2618

A&L p170; B&K no 364; Cetto no 565; FN p410; M.d'E p463; Phil p82.



septentrionalis On conifer litter, esp *Picea*. Whole fruitbody dark sepia/ olive-brown / blackish-brown; **smell of *Pelargonium***; (*Filipedes - am. spores*; *cheilos saccate/* ***shaped like an hour-glass, with medusa heads****; pleuros similar*.)

FRDBI 21

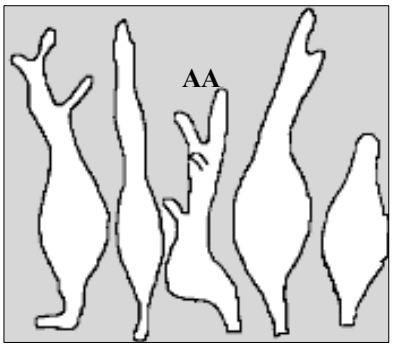
A&L p186; FN p430; (M.d'E p868)



seyneii On decaying *Pinus* cones, usually in maritime sites. Cap beige-brown (lilac / pink tinge); **gill edge purple to red-brown**; short stipe, concolorous with cap, rooting, base with white hairs. (*Rubromarginatae – am. spores, hyaline, broadly ellipsoid / cylindrical, to15µm; cheilos to 85µm, smooth, clavate but very variable with one or more wide flexuose fingers/ thumbs with pink / brown contents;* ***no pleuros***.)

FRDBI 31

A&L p154; Cetto no 1449; M.d'E p619.



silvae-nigrae In conifer forests on rotten *Picea* stumps/ rotten twigs/ cones, among mosses/ sphagnum/ woody debris; **spring fruiting**. Cap to 4cm with papilla, (dark) brown with bright fibrils, whitish disk & paler margin; gills grey-white with interveining, whitish margin; stipe pruinose, often bent and rooting, lilac/ steel blue tint with dark brown apex; **smell nitrous**. (*Fragilipedes – am. spores, hyaline, broadly ellipsoid, to 16µm;* ***2-spored basidia****; cheilos to 60µm, smooth, fusiform/ clavate/ pyriform with one or more broad apical extensions;* ***clamps absent.***) Similar *stipata* has 4-sp. basidia, no pleuros, and clamps present.

FRDBI 71

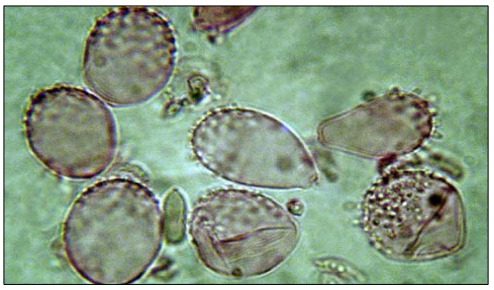
A&L p132; B&K no 365; FN p440; M.d'E p306.



silvae-pristinae On fallen Oak, sometimes adjacent to similar *galericulata* or *inclinata*. Cap to 4cm with papilla, grey-brown, sulcate; gills as in *silvae-nigrae* but edge concolorous; stipe apex pruinose, rooting, grey-brown, later vinaceous; smell indistinct. (*Intermediae – spores as in silvae-nigrae but to 10µm; cheilos to 74µm, ± fusiform with brush cells around apex; clamps present.*) New to UK from New Forest, Hants in 2016.

FRDBI 0

A&L p238.



smithiana On fallen *Quercus* leaves. Cap tiny, to 6mm, pinkish-white; (0)5-13 gills, concolorous with white edge; stipe long, maybe bulbous or hairy. *(Polyadelphiae – am. spores, cylindrical with guttules;* ***2-spored basidia;*** *cheilos to 28 µm, pyriform with brushcells;* ***pleuros absent.****)* Sometimes growing with *mucor* or *polyadelpha*. Compare with those species.

FRDBI 99

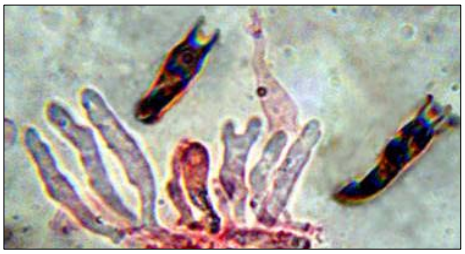
A&L p250; Cetto no 2748; FN p420; M.d'E p559.

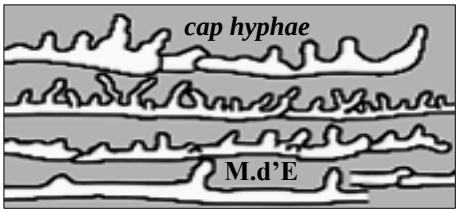
only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm

speirea In deciduous (occ. conifer) forests on decaying trunks/ submerged and fallen wood/ twigs/ bark; clustered habit**. Compare with v. similar *hiemalis*, *olida*, *alba* & *clavata***. Cap to 1cm, lubricous, pale grey-brown, **depressed centre with dark dot**; 8-11(18) **gills whitish, (sub)decurrent** with **concave** edge; stipe pale yellowish, minutely hairy, base with white rhizoids, apex wine-red/ brown-violet in Melzers. (*Hiemales – non-am. spores, ellipsoid/ subamygdaliform, narrower than in similar M. olida, to 11 x 6µm, with large apiculus and often a large guttule;* ***basidia 2-(4-)spored****; cheilos to 40 µm, smooth, misshapen/ flexuose, can be gnarled or forked;* ***no pleuros****. Cap cuticle with diverticulate hyphae having simple excrescences to 12 x 3µm)*

FRDBI 2715

A&L p312; B&K no 366; Cetto no 1887; FN p421; M.d'E p374; Phil p87.

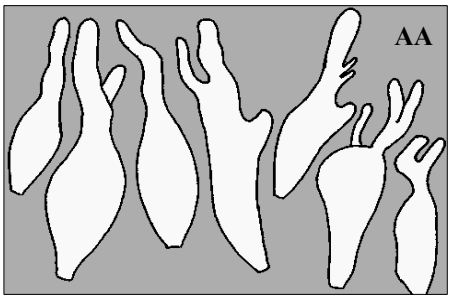




stipata On conifer rotten stumps/ trunks/ fallen and buried wood; **caespitose habit**; **autumn fruiting, not spring**. Cap to 2.5cm, campanulate, striate, distinctive (dark/ reddish) brown, pruinose; gills grey-white; stipe stiff, fragile, hollow, brownish cream with white fibrils at base; **strong nitrous smell**. (*Fragilipedes – am. spores cylindrical with opaque contents and one guttule; cheilos to 60 µm, smooth, lageniform, ventricose, some with irregular rounded apical extentions;* ***no pleuros****.*)

FRDBI 642

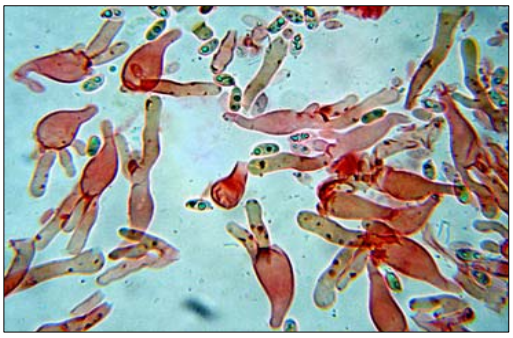
A&L p130; B&K no 367; FN p440; M.d'E p311; Phil p81 as *M. alcalina.*



stylobates In deciduous and conifer forests on plant remains, fallen twigs, litter. Cap to 1cm, tiny, peelable(!) white-grey; gills free with pseudocollarium; stipe fragile with **large fringed basal disc**. (*Basipedes – am. spores, cylindrical; cheilos to 50µm (excluding the one or more rounded fingers/ thumbs, to 35µm;* ***no pleuros****.*)

FRDBI 943

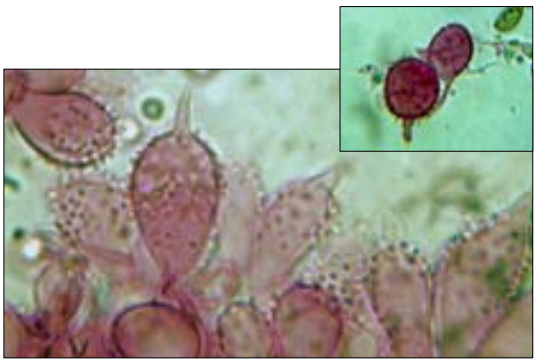
A&L p264; B&K no 369; Cetto no 1890; FN p417; M.d'E p78.



tenerrima On deciduous twigs/ plant remains/ moss-covered trunks. Cap to 5mm, white/ grey, furfuraceous/ floccose/ viscid; **11-13 gills**; **stipe** hairy **with small basal disc**. (*Sacchariferae – am. spores, hyaline, obovate/ sub globose;* ***2-sp basidia (4-sp on hazel nuts)****; cheilos to 55µm, with brush cells and one (or two) long gnarled fingers;* ***no pleuros; distinctive pyriform brushcell pileocystidia – see inset.)***

FRDBI 2087

A&L p280; B&K no 314; FN p409; M.d'E p632 (all as *M. adscendens* except for the first ref.)

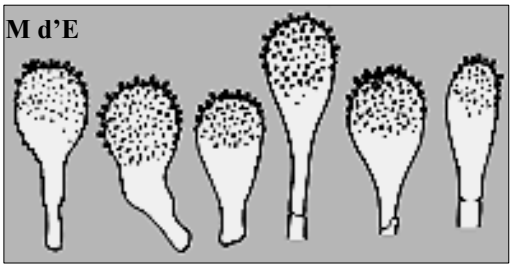


tintinnabulum Not recognised as British in CBIB. Description on page 14.

uranea On conifer litter/ moss on the ground. Cap to 1.5cm, **blue-grey/ violet-grey;** gills and stipe concolorous, stipe shiny and narrow. (*Filipedes – am. spores, hyaline, cylindrical/ ellipsoid; cheilos to 50µm, pyriform, well covered with brushcells; pleuros similar.*) Rare.

FRDBI 9

A&L p202; FN p425; M.d'E p199;

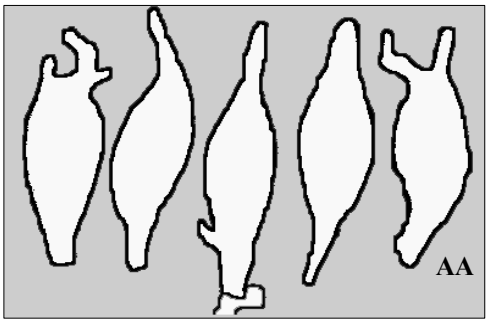


venustula On moss covered living tree trunks, only in Scotland on *Quercus* as yet, one record in 2000. Little information found: Gills whitish with faintly pinkish brown edge. (*Supinae*)

FRDBI 1

(A&L p343; M.d'E p651& 659)

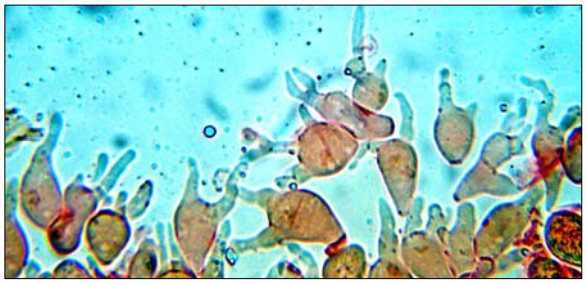
only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm



viridimarginata On rotten conifer stumps/ fallen branches/ decayed wood. Cap to 3cm, conic-campanulate, olive-yellow, grey-green, (reddish brown), darker disk and paler margin; gills whitish to smoke grey, **edges delicate grey-green/ dingy olive near cap margin**; stipe brown-yellow; **smell nitrous**. (*Fragilipedes – am. spores, ovoid/ cylindrical; cheilos to 55µm, smooth, fusi/ lageniform with extended necks, some dividing like antlers;* ***no pleuros.***) Compare with *M. stipata, silvae-nigrae* and *renati.*

FRDBI 5

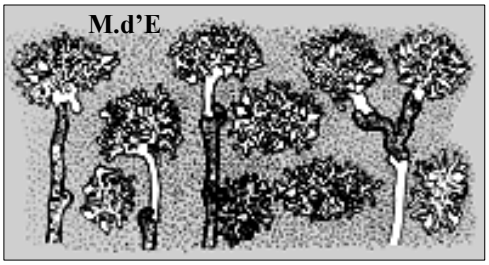
A&L p142; B&K no 370; Cetto no 1893; FN p411; M.d'E p 334.



vitilis In deciduous forests (occ with *Pinus*) on buried wood/ bark/ debris on the ground. Cap to 2cm, light beige/grey-brown, often with papilla, greasy surface, elastic cuticle(?); gill edge finely serrate (unlike similar *M. filopes* with smooth gill edge); **stipe** often long, **waveable without breaking,** viscid when wet, shiny when dry; **no smell**. (*Fragilipedes – am. spores, hyaline, broadly ellipsoid; more apical flexuose extensions;* ***no pleuros; clamps absent/ v.rare.***)

FRDBI 4212

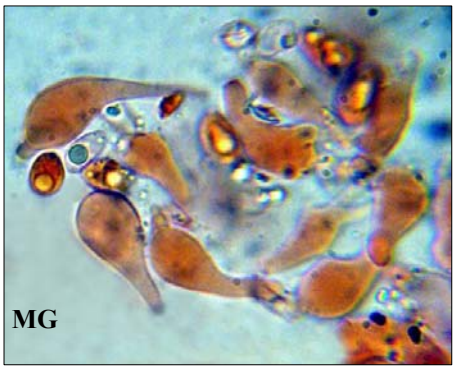
A&L p104; B&K no 371; Cetto no 1450; FN p439; M.d'E p 338.



vulgaris In conifer forests on plant debris/ needles, esp. *Picea,* in troops. Cap to 1.5cm, grey/ beige-brown, **viscid, with peelable pellicle,** distinctly striate with darker umbo; gills arcuate, slightly decurrent with gelatinous edge, separable when moist; stipe rooting, also with separable gelatinous layer; **smell farinaceous**. (*Fuliginellae – am. spores, small, to 8.5µm, pip-shaped; cheilos to 30µm, slender, cylindrical with apex covered in branching outgrowths with glutinous matter (like palm trees);* ***no pleuros.***)

FRDBI 208

A&L p214; Cetto no 1001; FN p419; M.d'E p 352.

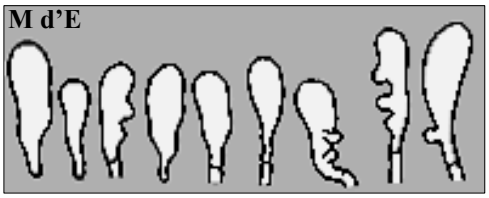


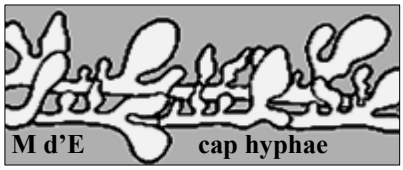
zephirus On conifer debris/ soil (sometimes in mixed woodland). **Cap to 4cm**, conical, sometimes with nipple, whitish margin and vinaceous reddish brown centre, **often develops brown-red spots**; gills subdistant, white, also becoming red-spotted; stipe translucent lilac-brown, shortish, fragile, white hairs at base; **smell rancid/ raphanoid**. (*Fragilipedes – am. spores, to 12µm, hyaline/ cylindrical; cheilos to 85µm, smooth, clavate/ utriform with rounded apex and one to three fingerlike extensions;* ***pleuros v. rare***.)

FRDBI 39

A&L p136; FN p433; Cetto no 560; M.d'E p 346.

Not accepted as British in CBIB:-





alba On deciduous moss-covered trunks**. Compare with v. similar *speirea*, *hiemalis & olida.*** Cap to 1.5cm, whitish-beige with darker centre, translucent-striate when moist; 8-18 **gills**, broad, white/ cream, **concave when mature; stipe** only to 2.5cms long, i.e. **shorter than the others**, often bent with hairy base. (*Hiemales – non-am.* ***spores****, hyaline,(sub)****globose, fat; basidia both 2- & 4-spored;*** *cheilos to 42µm, clavate/ misshapen/ curved, some with small outgrowths;* ***no pleuros; cuticle hyphae diverticulate with v. large inflated flexuose swellings,*** *to 25 x 17µm.*)

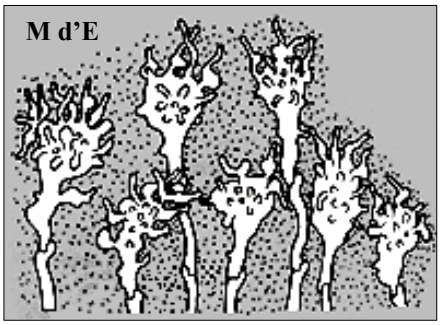
FRDBI 91

A&L p308; Cetto no 559?; B&K no 316; FN p435; M.d'E p359.

only decid | only conif | mainly decid, rarely conif | mainly conif, rarely decid | both decid and conif | other habitat | cap < 1cm

epipterygia* var. *pelliculosa Among grass/ moss in open grassland, also under *Abies/ Picea.* Cap to 3.5cm, brown-grey, viscid; stipe grey-white, apex
FRDBI sometimes yellow; gills with rusty spots, ascending; **smell rancid, mealy**.
81 (***spores 8-8.5*** *x 5.5-6.5µm; cheilos similar to type species.*)

A&L p210; B&K no 331; M.d'E p403.



epipterygia* var. *viscosa Cap to 4cm, dark grey-brown/red-brown; stipe (citrine) yellow, apex white; gills with rusty spots; **smell of cucumber**, bitterish taste. (***spores 8-11 x 6-7.5****µm; cheilos similar to type species.*)

M.d'E p408.

fagetorum On *Fagus (Quercus*) leaves. Cap to 3cm, dark grey/ olive brown, darker disc, paler margin, translucent striate; gills distant, concolorous; stipe also, curved
FRDBI at base; **mealy smell**; *(Mycena – am. spores, long cylindrical; cheilos to 38µm,*
20 *irregularly claviform with variable digitiform outgrowths,* ***no pleuros****.)*

A&L p82; FN p432; M.d'E p492.



tintinnabulum On deciduous decayed stumps, esp *Fagus*, densely caespitose; winter habit. Cap to 2cm, blackish/ sepia-brown, lubricous; gills slightly decurrent, grey-
FRDBI pink; smell spermatic; stipe long, greyish. *(Mycena – am.* ***spores, small, < 6µm****;*
17 *cheilos with medusa heads;* ***no pleuros****)*

A&L p98: Cetto no 1896; FN p441; M.d'E p1322.

