



Annals and Magazine of Natural History

Series 4

ISSN: 0374-5481 (Print) (Online) Journal homepage: <http://www.tandfonline.com/loi/tnah10>

XLVIII.—Notices of British fungi

Rev. M.J. Berkeley M.A. F.L.S. & C.E. Broome Esq. F.L.S.

To cite this article: Rev. M.J. Berkeley M.A. F.L.S. & C.E. Broome Esq. F.L.S. (1870)
XLVIII.—Notices of British fungi, *Annals and Magazine of Natural History*, 6:36, 461-469, DOI:
[10.1080/00222937008696294](https://doi.org/10.1080/00222937008696294)

To link to this article: <http://dx.doi.org/10.1080/00222937008696294>



Published online: 19 Oct 2009.



Submit your article to this journal [↗](#)



Article views: 4



View related articles [↗](#)

of the calyx. While the contour of the orifices of the calices differs much, some being quite circular or prismatic and others oval, there is quite as much variation in their size, some being over three quarters of an inch in breadth, while the smallest do not exceed one fifth: these last have an attenuate and vermicular appearance, with the rudimentary septal development before alluded to. The character of the costæ is equally variable, being either highly developed or altogether suppressed, with every intermediate condition. The coloration by iron is very conspicuous in some of the older parts of the corallum; and its presence in large quantity has been clearly ascertained by my colleague Mr. Thomas Davies, of the Mineralogical Department.

Amphihelia oculata, M.-Edw.

A single luxuriant example of this common Mediterranean form was taken; but it does not possess any marked peculiarities.

Sect. PERFORATA.

Fam. Eupsammidæ.

Dendrophyllia ramea, Blainville.

Fragments of this magnificent arborescent form were observed on various occasions in the houses of the residents at Setubal; but not having heard of examples being taken so far north, I presumed they had been obtained from the Mediterranean, which sea is the headquarters of this coral. Before the yacht's departure, however, the fishermen brought us, freshly taken, with the brilliant orange-coloured polypes scarcely dead, huge masses, two feet in length, having some of the main branches upwards of three inches in thickness.

The depth at which these specimens were taken is stated to have been nearly 100 fathoms. The same statement applies also to the example of *Amphihelia oculata*.

XLVIII.—*Notices of British Fungi*. By the Rev. M. J. BERKELEY, M.A., F.L.S., and C. E. BROOME, Esq., F.L.S.

[Continued from ser. 3. vol. xviii. p. 129.]

1182. *Agaricus* (*Lepiota*) *metulaespora*, B. & Br. in *Ceylon Fungi*, ined.

This species, which at present has been found only once in this country by Mr. Broome, and which in external characters
Ann. & Mag. N. Hist. Ser. 4. Vol. vi. 31

approaches *A. clypeolarius*, is at once distinguished by the length of its spores, which is $\cdot 0006$ inch*.

1183. *A. (Lepiota) Terreii*, n. s. Pileo subhemisphaerico rufo pulverulento verrucis minutis exasperato; stipite subaequali squamis furfuraceis concoloribus ornato, annulo demum fragmentitio; lamellis albis, angustis, remotis.

On sandy ground. Forres, Michael Terry, Esq.

Pileus 1-2 inches, bright tawny; scales on the stem of the same colour, often cylindrical; gills not branched. Spores $\cdot 0002$ inch long by $\cdot 00015$ wide.

This species, which appears quite distinct, approaches *A. granulosus*, on one side, and *A. acutesquamosus* on the other, but is nearer to the latter than the former. The spores of *A. granulosus* are slightly larger, those of *A. acutesquamosus* are rather longer, and at the same time narrower.

**A. (Lepiota) clypeolarius*, Fr. Ep. p. 15.

It is very desirable that the spores of this species and allied forms should be carefully observed, as they seem to be the surest distinction between this species and *A. cristatus*.

1184. *A. (Lepiota) ermineus*, Fr. Ep. p. 15.

Coed Coch, Mrs. Lloyd Wynne.

**A. (Lepiota) ramentaceus*, Bull. t. 595. f. 3.

Under trees, Coed Coch, sometimes abundantly.

1185. *A. (Lepiota) holosericeus*, Fr. Ep. p. 16.

On the soil of flower-beds, Horticultural Gardens, Chiswick.

**A. (Lepiota) cepæstipes*, Sow. t. 2.

An extremely beautiful and graceful form of this species occurred in a hothouse at Coed Coch, resembling closely *A. licmophorus*, B. & Br., an unpublished species from Ceylon. The species, however, is confessedly so variable that we do not like to separate it, though far more delicate and more brightly coloured.

1185 bis. *A. (Lepiota) sistratus*, Fr. Ep. p. 18.

On sandy ground, M. Terry, Esq., Forres.

This pretty species is remarkable for the filamentous ring.

1186. *A. (Lepiota) delicatus*, Fr. Ep. p. 20.

About an old stump. Powerscourt, county Wicklow, Sept. 21, 1867.

Pileus hemispherical, obtuse, rivulose, viscid, smooth, pallid, 1 inch across; stem $\frac{1}{2}$ inch high, $\frac{1}{4}$ thick, transversely punctate, squamulose, stuffed with flocci, white above; veil floccose, slightly appendiculate; gills free, rounded behind, approximate,

* The spores of this species and those of *A. cristatus* will be figured in a plate illustrating a subsequent communication.

pallid. The veil is really double, floccose, covered with scaly particles. Taste like that of *Polyporus squamosus*.

This is clearly a stout form of *A. delicatus*, of which we have a figure, from the author, closely corresponding with our species.

1187. *A. (Armillaria) denigratus*, Fr. in Mus. Suec. Pileo hemisphærico, obtuso, carnosio, fusco; carne albicante; stipite subæquali, solido, supra annulum amplum striato, candido; lamellis adnexis, fuscis.

On a grass-plot, near shrubs. Coed Coch, Mrs. Lloyd Wynne.

At first sight very like *A. Leveillei*; but the white spores at once distinguish it. We have an excellent drawing from Fries; but we are not aware whether at present he has given any characters.

1188. *A. (Tricholoma) ustalis*, Fr. Ep. p. 29.

Reigate, W. Wilson Saunders, Esq.

This and one or two other novelties are recorded on the authority of a beautiful set of drawings which have been submitted to us, some of which will shortly be published by Mr. W. G. Smith.

1189. *A. (Tricholoma) pessundatus*, Fr. Syst. Myc. i. p. 38.

In pine-woods. Street, Somerset, Aubrey Clarke, Esq.

1190. *A. (Tricholoma) colossus*, Fr. Ep. p. 38.

Under an elm. Batheaston, Oct. 11, 1869.

Var. Pileus about 4 inches across, irregularly lobed and undulated, minutely scaly, grey; stem about 2 inches high, thicker upward, buff, yellow at the base; gills rather wide, pallid. Smell strong, like that of cheese.

1191. *A. (Tricholoma) pravus*, Lasch in Linn. vol. iv. no. 532.

In a stove. Kew, July 1867.

1192. *A. (Tricholoma) cælatas*, Fr. Ep. p. 42.

On the ground. C. E. Broome, Charmy Down, Ap. 29, 1867.

Spores subglobose, .0003 long, .00015 wide.

1193. *A. (Tricholoma) tigrinus*, Schæff. t. 89.

Reigate, W. Wilson Saunders, Esq.

1194. *A. (Tricholoma) acerbus*, Bull. t. 571. f. 2.

In woods. King's Cliffe, Wales, Lyndhurst.

1195. *A. (Tricholoma) brevipes*, Fr. Ep. p. 51; Bull. t. 521. f. 2.

Melton Mowbray, the Rev. H. H. Gillett, June 19, 1869.

1196. *A. (Tricholoma) sordidus*, Fr. Syst. Myc. vol. i. p. 51.

On the ground, amongst dung. Great Elm, Somerset, Sept. 21, 1866.

Spores pale ferruginous, .0003 long.

1197. *A.* (*Tricholoma*) *lixivius*, Fr. Ep. p. 51.

In pine-woods. Ascot, Nov. 22, 1865.

1198. *A.* (*Tricholoma*) *putidus*, Fr. Ep. p. 54.

In fir-woods. A. Jerdon, Esq., Roxburghshire, Nov. 18, 1868; Ascot, Nov. 22, 1865. M. Terry, Esq., Forres.

1199. *A.* (*Clitocybe*) *nigrescens*, Lasch in Linn. vol. iv. No. 521.

In a larch-plantation, W. G. Smith.

1200. *A.* (*Clitocybe*) *tornatus*, Fr. Ep. p. 62.

Amongst grass at the foot of old decayed elm-stumps. North Kilworth, Leicestershire, Oct. 10, 1870.

*1200. *A.* (*Clitocybe*) *orbatus*, Fr., Bull. t. 248. f. c.

Ely, Nov. 12, 1870, W. Marshall, Esq.

1201. *A.* (*Clitocybe*) *membranaceus*, Fl. Dan. t. 1012; Fr. Ep. p. 68.

Street, Aubrey Clarke.

1202. *A.* (*Clitocybe*) *parilis*, Fr. Ep. p. 69.

By the side of plantations. Coed Coch, Mrs. Lloyd Wynne. Slightly hygrophaneous, but not becoming white.

1203. *A.* (*Clitocybe*) *brumalis*, Fr. Syst. Myc. vol. i. p. 171.

In woods. Ascot, 1868.

1204. *A.* (*Clitocybe*) *ectypus*, Fr. Syst. Myc. vol. i. p. 108. Roxburghshire, A. Jerdon, Esq.

1205. *A.* (*Collybia*) *distortus*, Fr. Ep. p. 84.

At the roots of trees. Bowood, Oct. 19, 1869, C. E. Broome.

**A. tuberosus*, Bull.

The summer form of this has no tuberous root; later in the year the tuber is formed, which produces its pileus the following season.

1206. *A.* (*Collybia*) *collinus*, Scop. Carn. p. 432.

On beech-stumps near Worthing, F. Currey, Esq., Oct. 1867.

1207. *A.* (*Collybia*) *coracinus*, Fr. Ep. p. 95.

Fir-plantations. Batheaston, Nov. 1865, C. E. Broome.

1208. *A.* (*Collybia*) *inolens*, Weinm. No. 183.

In woods. Street, Somersetshire, Aubrey Clarke, 1868.

1209. *A.* (*Collybia*) *plexipes*, Fr. Ep. p. 96; Fl. Dan. tab. 2023. fig. 2.

In woods, A. Jerdon, Esq. Melrose, Leigh Wood, Oct. 1868, C. E. Broome.

1210. *A.* (*Collybia*) *murinus*, Batsch, f. 19.

Marlborough Forest, Oct. 15, 1863, C. E. Broome.

1211. *A.* (*Collybia*) *clusilis*, Fr. Ep. p. 98.

b. minor.

Coed Coch, Oct. 1869.

1212. *A. (Mycena) cohærens*, A. & S. p. 163.

On bramble. Batheaston, Feb. 1869, C. E. Broome.

1213. *A. (Mycena) atro-cyaneus*, Batsch, f. 87.

On the ground. Ascot, Nov. 22, 1865.

1214. *A. (Mycena) ammoniacus*, Fr. Ep. p. 109.

On the ground. Lyndhurst, Oct. 22, 1868, C. E. Broome.

1215. *A. (Mycena) citrinellus*, Pers. Ic. et Desc. t. 11. f. 3.

On woods. Lucknam Grove, Oct. 15, 1867, C. E. Broome.

1216. *A. (Mycena) sacchariferus*, n. s. Albidus; pileo hemisphærico toto, stipite brevi filiformi lamellis que paucis crassiusculis granulis nitentibus obsitis.

On bramble- and nettle-stalks. March 1869, Batheaston.

Pileus 2 lines broad; stem 2 lines high, fixed at the base by a few flocci; gills 8-9, very distant, arcuato-decurrent, their margin and even the surface granulated.

Allied to *A. tenerrimus*, which has crystalline particles on the pileus, but the gills are free and ventricose.

1217. *A. (Omphalia) leucophyllus*, Fr. Mon. Hym. Suc. vol. i. p. 183.

Amongst short grass. Coed Coch, 1869.

1217 bis. *A. (Omphalia) rusticus*, Pers. Obs. i. tab. 4. f. 12.

On the ground. Sept. 7, 1866, Coed Coch.

1218. *A. (Pleurotus) spongiosus*, Lasch in Linn. vol. iv. No. 548.

Epping Forest, Oct. 12, 1869. On beech, Worthington G. Smith.

1219. *A. (Pleurotus) craspedius*, Fr. Syst. Myc. vol. i. p. 187.

On dead trunks, W. Wilson Saunders, Esq.

1220. *A. (Pleurotus) circinatus*, Fr. Ep. p. 132.

On dead wood, Worthington G. Smith.

Exhibited with *A. porrigens* at the Fungus Show, Oct. 5, 1870. W. W. Saunders.

1221. *A. (Pleurotus) mutilus*, Fr. Syst. p. 191.

On dead wood. Penzance, Dec. 1869, C. E. Broome, and J. Ralfs, Esq. Hastings.

1222. *A. (Pleurotus) porrigens*, P.

On dead fir. Inverary, Duke of Argyll.

1223. *A. (Pleurotus) petalodes*, Bull. t. 226, 557.

On railroad-sleepers, abundantly, Aubrey Clarke.

1224. *A. (Entoloma) jubatus*, Fr. Syst. Myc. vol. i. p. 196.

On lawns, W. G. Smith. Coed Coch, Mrs. Lloyd Wynne.

1225. *A. (Leptonia) lappula*, Fr. Ep. p. 152.

Forres, Rev. J. Keith.

1226. *A. (Leptonia) solstitialis*, Fr. Ep. p. 152.

Amongst stones by the side of Lake Ceneord, Aberdeenshire, Sept. 1870, with abundant specimens of *Lactarius pubescens*.

1227. *A.* (*Leptonia*) *lazulinus*, Fr. Ep. p. 153.

On the ground amongst grass. Aber, Sept. 30, 1867.

1228. *A.* (*Nolanea*) *verecundus*, Fr. Spic. p. 6.

Amongst short grass. Aber, Sept. 30, 1867.

1229. *A.* (*Stropharia*) *inunctus*, Fr. Pileo e campanulato convexo-plano, pellicula gelatinosa facile secernibili vestito; stipite deorsum attenuato candido, infra annulum floccoso-fibrilloso; lamellis latis, adnatis, fusco-subpurpureis.

On rich ground. Ely, W. Marshall. Sibbertoft.

Pileus 2 inches across, fleshy, livid; stem $2\frac{1}{2}$ inches high, $\frac{1}{4}$ thick, stuffed, composed of fibres; spores purplish brown, $\cdot 00028$ long. Resembles some states of *A. ceruginosus*; but the spores are of a different colour and much smaller.

1230. *A.* (*Pholiota*) *heteroclitus*, Fr. Obs. ii. p. 223.

On dead trunks. South of England.

A magnificent species, of which we have secured an excellent drawing.

1231. *A.* (*Pholiota*) *junonius*, Fr. Syst. Myc. vol. i. p. 244.

On the trunks of trees.

This interesting species has been discovered in this country by Mr. Cooke.

1232. *A.* (*Pholiota*) *confragosus*, Fr. Ep. p. 169.

On an old fallen elm. Coed Coch, 1866.

Spores oblong, ferruginous, $\cdot 0003$ inch long by $\cdot 0015$.

1233. *A.* (*Inocybe*) *phaeocephalus*, Bull. t. 555. fig. 1.

Rev. W. Houghton, Preston, near Wellington, Oct. 1869.

We regret very much that we have seen only one small specimen of this species. The spores are bright ferruginous red; and, if we are correct in our determination, the species should be placed in the subgenus *Inocybe*.

1234. *A.* (*Inocybe*) *calamistratus*, Fr. Syst. Myc. vol. i. p. 256.

In fir-woods. Luggela, Wicklow, Sept. 1867.

Spores $\cdot 0005$ long, smooth.

A noble species, remarkable for the blue colour of the base of the stem.

**A.* (*Inocybe*) *geophyllus*, var. *lateritius*.

This curious form, if it is really the same species, has been sent to us by Mr. Jerdon from Jedburgh. When dry, it retains its brick-red colour.

1235. *A.* (*Inocybe*) *scabellus*, Fr. Syst. Myc. vol. i. p. 259.

Amongst short grass. Little Ormes Head, Oct. 16, 1867.

Pileus chestnut, sericeo-squamulose; stem white, pruinose at the apex; gills ventricose, adnexed, ascending, pallid.

1236. *A.* (*Hebeloma*) *firminus*, Pers. (*A. clavus*, Batsch, f. 199).

In fir-woods. Gwrwch, Denbighshire, Sept. 4, 1866.

Pileus viscid, gibbous, smooth; taste not bitter, smell raphanoid; stem not attenuated, brown downwards and within; gills thin, slightly sinuated behind, cinnamon-brown; colour exactly as in Batsch's figure.

1237. *A.* (*Hebeloma*) *sinapizans*, Fr. Ep. p. 180.

W. Wilson Saunders.

1238. *A.* (*Hebeloma*) *elatus*, Batsch, f. 108.

W. Wilson Saunders.

1239. *A.* (*Flammula*) *helomorphus*, Fr. Ep. p. 184.

In fir-woods. Roxburghshire, A. Jerdon, Esq., Nov. 3, 1868.

Spores ·00015–·00025 long, pale brown.

1239 *bis.* *A.* (*Flammula*) *mixtus*, Fr. Ep. p. 185.

On the ground in pine-woods, C. E. Broome.

1240. *A.* (*Flammula*) *spumosus*, Fr. Ep. p. 185.

In woods. Epping Forest, W. G. Smith.

Spores ·0002 long.

1241. *A.* (*Flammula*) *decipiens*, Smith, in Seemann's Journ. 1869, p. 249, t. 95. figs. 5–8.

On burnt earth, Epping Forest.

Differs from *A. carbonarius* in the truly decurrent gills.

1242. *A.* (*Flammula*) *alnicola*, Fr. Syst. Myc. vol. i. p. 250.

On stumps of various trees, Mr. James English.

1243. *A.* (*Flammula*) *conissans*, Fr. Ep. p. 187; Bull. t. 178.

On dead stumps.

Often confounded with *A. fascicularis*, but with differently coloured gills and spores.

**A.* (*Flammula*) *hybridus*, Fr. Ep. p. 189.

On decayed wood of conifers. Lyndhurst, Oct. 16, 1868, C. E. Broome.

1244. *A.* (*Flammula*) *picreus*, Fr. Syst. Myc. vol. i. p. 239.

On the floor of Mr. Bull's orchard-house, Worthington G. Smith.

1245. *A.* (*Flammula*) *lubricus*, Fr. Syst. Myc. p. 252.

Tunbridge Wells.

1246. *A.* (*Naucoria*) *semiflexus*, B. & Br. Pileo hemisphærico, castaneo, hygrophano, margine velo subtili albo ornato; carne alba; stipite semihorizontali, solido; lamellis distantibus, adnexis, fulvis; sporis echinulatis.

On the side of a bank. Ascot, Oct. 30, 1867.

Pileus $\frac{1}{2}$ inch across, subcampanulate, then hemispherical or flattened above, moderately fleshy; stem $\frac{3}{4}$ inch high, $\frac{2}{3}$ line thick. Spores oblong, ·0003–·0004 long, ·00025–·0003 wide.

Allied to *A. horizontalis*.

1247. *A.* (*Naucoria*) *scolecinus*, Fr. Ep. p. 194.

On moist ground under alders in the Deer-Park, Powerscourt, county Wicklow, Sept. 1867.

Spores apiculate, $\cdot 0003$ long by $\cdot 0013$.

1248. *A.* (*Naucoria*) *tenax*, Fr. Syst. Myc. vol. i. p. 290.

With *A. crobulus*. Welford, Norths., Oct. 13, 1868.

1249. *A.* (*Naucoria*) *crobulus*, Fr. Syst. Myc. vol. i. p. 200.

In a ditch among fragments of sticks. Welford, Norths., Oct. 13, 1868.

1250. *A.* (*Galera*) *ovalis*, Fr. Ep. p. 236; Bull. t. 552. f. 1.

Amongst grass. Sibbertoft, 1868.

1251. *A.* (*Galera*) *antipus*, Lasch in Linn. vol. iv. No. 401.

On garden-pots, in the soil of which a good deal of sheep's dung had been used. Sibbertoft, March 1870.

This species occurred during a month or more on different pots, but never in any large quantity.

Pileus campanulate, with a marginal veil; stem striate, pulverulent; base subterraneous, rooting, more or less bulbous.

Spores rust-coloured, $\cdot 0006$ – $\cdot 0007$ long, $\cdot 00035$ wide.

1252. *A.* (*Galena*) *rubiginosus*, P. Syn. p. 385.

Amongst moss. Kew Gardens, Sept. 1866.

1253. *A.* (*Psalliota*) *obturatus*, Fr. Syst. Myc. p. 285.

On the ground amongst grass. Kew. Melrose, A. Jerdon, Esq., 1868.

1254. *A.* (*Psalliota*) *melaspermus*, Bull. t. 540. fig. 1.

On the ground. Coed Coch, Oct. 19.

Requires to be carefully distinguished from *A. præcox*.

Attention must be paid to the colour of the spores.

**A.* (*Hypholoma*) *lacrymabundus*, Fr. Syst. Myc. vol. i. p. 287.

A form or, rather, condition of this species occurred at Sibbertoft, in Sept. 1870, in which the broadly adnate gills remained permanently white. The edge was studded with beads of moisture, as in the more ordinary condition.

1255. *A.* (*Psalliota*) *merdarius*, Fr. Syst. Myc. vol. i. p. 291.

On dung. Sibbertoft, Oct. 28, 1870.

Densely gregarious. Pileus moist, prettily edged with the remains of the veil, $\frac{1}{2}$ –1 inch across, stem $\frac{1}{2}$ – $\frac{3}{4}$ inch high.

1256. *A.* (*Hypholoma*) *leucotephrus*, B. & Br. Cæspitosus; pileo primitus pallido, subcampanulato, rugoso, dein convexo-expanso, albido; stipite deorsum sericeo-fibrilloso, apice striato v. sulcato-striato, fistuloso, annulo amplo, hic illic appendiculato; lamellis angustis, primitus cinereo-albidis, leviter adnatis, dein e griseo nigris.

In large masses at the base of ash trees. North Kilworth, Oct. 10, 1870.

Pileus 3 inches across; stem 4 inches high, $\frac{1}{4}$ inch thick; gills $1\frac{1}{2}$ line broad. Spores $\cdot 00028$ long, $\cdot 00019$ wide, very dark brown purple.

This is clearly different from *A. Candollianus* and *A. appendiculatus*, Fr. The pileus is not of a rich brown when young, nor are the gills when old at all brown.

1257. *A.* (*Psilocybe*) *agnarius*, Fr. MSS. cum icone. Pileo e conico-convexo, expanso, albido, cinerascens, non hygrophano, subumbonato, subsulcato-striato; carne alba; stipite flexuoso, fistuloso, candido; lamellis valde distantibus, latiusculis, breviter adnatis adnexasive, cinereis.

About the roots of decayed trees. North Kilworth, Leicestershire, Oct. 10, 1870, and in other places, but not common.

Allied to *A. coprophilus*. In colour the pileus somewhat resembles *Hygrophorus ovinus*.

1258. *A.* (*Panaeolus*) *acuminatus*, Fr., Batt. t. 22 F.

On dung. Sibbertoft, Oct. 1870.

Exactly according with Battara's figure, which scarcely agrees with the specific name.

1259. *A.* (*Panaeolus*) *fimicola*, Fr. Syst. Myc. vol. i. p. 301.

On dung. A stouter form than that of Bolton. Sibbertoft, Oct. 1870.

1260. *A.* (*Psathyrella*) *subatratus*, Batsch, f. 89.

Batheaston, Sept. 1869.

1261. *A.* (*Psathyrella*) *caudatus*, Fr. Ep. p. 239.

Amongst the stumps of a wooden pavement, abundantly. Sibbertoft, Sept. 19, 1870.

A small form. Pileus at first sienna-brown, at length whitish, often transversely cracked; stem at first white, fibrillose; gills ventricose, adnate.

1262. *A.* (*Psathyrella*) *emphyreumaticus*, n. s. Pileo expanso, hygrophano, atomato, e rufo pallescente; stipite elongato, sericeo-furfuraceo, pallido, eximie fistuloso; lamellis latis, crassis, distantibus, dente decurrente, adnatis, rufis, acie pallidis.

On a wooden pavement. Sibbertoft, Oct. 28, 1870.

Pileus $1\frac{1}{2}$ inch across, margin crenate; stem $2\frac{1}{2}$ inches high, $1\frac{1}{2}$ line thick, narrowly but distinctly fistulose; gills 2 lines broad, connected by veins, rufous, then brown-purple. Spores black.

Resembling *A. confragosus* so closely that, till the spores were observed, it was taken for that species.