

Grevillea,

A MONTHLY RECORD OF CRYPTOGAMIC BOTANY,
AND ITS LITERATURE.

BRITISH FUNGI.

By M. C. COOKE. (*Continued from p. 74.*)

Agaricus (Mycena) ammoniacus. *Fr.* "Strong-scented Mycena."

Strong scented; pileus membranaceous, conical, then expanded, umbonate, naked, discoid, opaque; paler at the margin and striate; stem rather firm, even, smooth, dry, rooting; gills adnate, linear, distinct, whitish.—*Fr. Ep. p.* 109. *Fr. Obs. ii., p.* 155. *B. & Br. N. H. No.* 1214.

On the ground. Oct. Lyndhurst.

Pileus normally brown or blackish, sometimes cinereous; stem not yellowish, 2 in. long, $\frac{1}{2}$ line thick.

Agaricus (Mycena) peltatus. *Fr.* "Peltate Mycena."

Pileus rather firm, convex, then plane, obtuse, densely striate to the middle, disc somewhat fleshy orbicular, even, plane; stem even, smooth, villous below; gills with a decurrent tooth, crowded, ventricose, grey, with the edge paler.—*Fr. S. M. i. p.* 145. *Fr. Epic. p.* 110. *Br. Bath Trans.* 1870, *p.* 64. *Ag. ambustus, Secr., No.* 927.

Amongst moss. Warleigh Down.

Inodorous. Pileus $\frac{3}{4}$ in. broad, dark brown when moist, when dry becoming somewhat depressed at the centre, and paler.

Agaricus (Mycena) sacchariferus. *B. & Br.* "Sparkling Mycena."

Whitish. Pileus hemispherical, stem short, filiform; gills few, rather thick, sprinkled with shining granules.—*B. & Br., Ann. N. H., No.* 1216. *Br. Bath Trans.* 1870, *p.* 64.

On bramble and nettle stalks. March. 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. tenerimus*, which has crystalline particles on the pileus, but the gills are free and ventricose. *B. & Br.*

Agaricus (Omphalia) leucophyllus. *Fr.* "White-gilled Omphalia."

Pileus submembranaceous, infundibuliform, becoming even, not floccose, dark cinereous, margin reflexed, involute; stem stuffed,

then fistulose, rather rigid, equal, even, smooth, cinereous; gills decurrent, rather distant, arcuate, distinct, whitish.—*Fr. in Vet. Ac. Förh.* 1851. *Fr. Mon. Hym. i. p.* 183. *B. & Br. Ann. N. H. No.* 1217.

Amongst short grass. Coed Coch.

Stem $1\frac{1}{2}$ inch and more long, 1 line thick. Pileus about an inch across.

Agaricus (Omphalia) rusticus. *Pers.* "Rustic Omphalia."

Pileus membranaceous, slightly convex, umbilicate, striate, smooth, hygrophanous, when dry smooth and silky; stem somewhat stuffed, slender, smooth, greyish brown; gills decurrent, thick, rather distant, equally attenuated towards each extremity, grey, margin arcuate.—*Pers. Obs. i. t.* 4, *f.* 12. *B. & Br. Ann. N. H. No.* 1217, *bis.* *Fr. Ep. p.* 124.

On the ground. Sept. Coed Coch.

Agaricus (Pleurotus) mutilus. *Fr.* "Mutilated Pleurotus."

White, soft, pileus rather fleshy, versiform, when dry silky, becoming smooth; stem excentric, short, and sublateral, terete, erect, villous at the base; gills decurrent, narrow, rather thick, and somewhat crowded.—*Fr. S. M. i. p.* 191. *B. & Br. Ann. N. H. No.* 1221. *Fr. Epicr. p.* 134. *Batt. t.* IX. E.

On dead wood. Dec.

Agaricus (Volvaria) medius. *Fr.* "Intermediate Volvaria."

White, pileus fleshy, convexo-plane, obtuse, viscid, of one colour; margin even; stem solid, equal, smooth; volva lobed.—*Fr. Epicr. p.* 139. *Fl. Dan. t.* 1676. *Br. Bath. Trans.* 1870, *p.* 65.

In woods, &c. Warleigh Down.

Agaricus (Clitopilus) vilis. *Fr.* "Paltry Clitopilus."

Pileus rather membranaceous, convex, umbilicate, somewhat striate with silky flocci, soft, hygrophanous; stem hollow, thin, equal, fibrilloso-striate, grey; gills adnate, decurrent, crowded, whitish or greyish.—*Fr. Epicr. p.* 150. *Br. Bath. Trans. p.* 66.

In pine woods, amongst moss. Leigh Woods.

Stem 2-3 in high, about 1 line thick. Pileus about an inch broad.

Agaricus (Leptonia) lappula. *Fr.* "Bur-like Leptonia."

Pileus rather fleshy, convexo-plane, the darker umbilicus punctate with short erect fibrils; stem fistulose, slightly striate, lilac with a brown tint, apex naked, punctate with black; gills adnate, seceding, ovate, crowded, whitish.—*Fr. Ep. p.* 152. *B. & Br. Ann. N. H. No.* 1225.

Amongst leaves of beech. Forres.

Agaricus (Leptonia) solstitialis. *Fr.* "Solstitial Leptonia."

Pileus rather fleshy, depressed, papillate in the centre, rugulose, obsoletely clad with innate fibrils; stem somewhat hollow, smooth, smoky; gills emarginate, broad, whitish.—*Fr. Ep. p.* 152. *B. & Br. Ann. N. H. No.* 1226.

Amongst stones by the side of Lake Ceneord, Aberdeenshire. Sept.

Agaricus (Leptonia) lazulinus. *Fr.* "Bright-blue Leptonia."

Pileus submembranaceous, campanulate, then expanded, obtuse, discoid, at first even, striate when moist; stem fistulose, smooth, nearly of a cœrulean blue; gills adnate, crowded, equally attenuated, pale bluish.—*Fr. Ep. p.* 143. *B. & Br. Ann. N. H. No.* 1227. *Pers. Ic. Pict. t.* 4. *f.* 3, 4.

On the ground amongst grass. Sept. Aber.

Agaricus (Nolanea) mammosus. *Fr.* "Mammose Nolanea."

Pileus somewhat membranaceous, conico-campanulate, papillate, striate, smooth, hygrophanous; when dry isabelline and silky; stem fistulose, rigid, polished, even, smooth, mealy at the apex; gills affixed, seceding, rather crowded, grey.—*Fr. Epicr. p.* 156. *Bull. t.* 526. *Br. Bath. Trans.* 1870, *p.* 66. *Batsch. f.* 5.

In meadows. Chippenham.

Pileus brown. Stem elongated, fragile, shining.

Agaricus (Nolanea) verecundus. *Fr.* "Modest Nolanea."

Pileus campanulate, then convex; disc fleshy, smooth, somewhat umbonate, about the thin margin striate and flocculose; stem fistulose, rather firm, growing pale, mealy at the apex; gills adnate, whitish.—*Fr. Spic. p.* 6. *Fr. Ep. p.* 158. *B. & Br. Ann. N. H. No.* 1228.

Amongst short grass. Sept. Aber.

Agaricus (Stropharia) inunctus. *Fr.* "Anointed Stropharia."

Pileus campanulate, then convexo-plane, covered with an evanescent gelatinous cuticle; stem attenuated downwards, white, flocoso-fibrillose below the ring; gills broad, adnate, purplish-brown.—*B. & Br. Ann. No.* 1229.

On rich ground. Ely, &c.

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

Agaricus (Pholiota) confragosus. *Fr.* "Rugged Pholiota."

Pileus fleshy, thin, convexo-plane, obtuse, clad with flocculose scales, hygrophanous; margin striate; stem fistulose, equal, fibrillose below the membranaceous ring; gills adnate, very much crowded, rufous.—*Fr. Ep. p.* 169. *B. & Br. Ann. N. H. No.* 1232.

On an old fallen elm. Coed Coch.

Stem 3 in. long, about 2 lines thick. Subcœspitose, fragile. Spores oblong, ferruginous ($\cdot 0003 \times \cdot 00015$ in.)

Agaricus (Hebeloma) phæjocephalus. *Bull.* "Bullard's Hebeloma."

Pileus subcampanulate, rarely flattened and umbonate, fuliginous, becoming brownish, smooth; stem thick, swollen at the base, naked, straight, grey with brownish lines, white at the base; gills free, semilunate, very broad, yellowish bistre colour.—*Bull. t.* 555. *f.* 1. *B. & Br. N. H. No.* 1233.

Oct. Near Wellington.

Pileus 2-4 in. broad; stem 3-5 in. high, 4-7 lines thick. The spores are bright ferruginous red.

Agaricus (Hebeloma) calamistratus. *Fr.* "Crispate Hebeloma."

Pileus fleshy, thin, campanulate, obtuse, stem solid, rigid, base sky blue, squarrose everywhere with rigid recurved scales; gills adnexed, whitish, then ferruginous.—*Fr. S. M. i. p.* 256. *B. & Br. Ann. N. H. No.* 1234. *Fr. Epicr. p.* 171.

In fir woods. Sept. Luggella, Wicklow.

A noble species, remarkable for the blue colour of the base of the stem. Spores .0005 in. long, smooth.

AGARICUS (HEBELOMA) GEOPHYLLUS. *Sow.* Var. **LATERITIUS.** —*B. & Br. Ann. N. H. No.* 1234.*

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. *B. & Br.*

Agaricus (Hebeloma) scabellus. *Fr.* "Ragged-cap Hebeloma."

Pileus rather fleshy, campanulate, then plane, when dry lacerated into scales or fibrils, umbo obtuse, even, smooth; stem somewhat stuffed, thin, smooth, growing pale, pruinose at the apex; gills adnexed, ventricose, rather distant, pallid.—*Fr. Epicr. p.* 177. *Fr. S. M. i. p.* 259. *B. & Br. Ann. N. H. No.* 1235.

Amongst short grass. Oct. Little Ormes Head.

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

Agaricus (Hebeloma) firmus. *Pers.* "Firm Hebeloma."

Pileus viscid, gibbous, smooth; stem not attenuated, brown downwards and within; gills thin, slightly sinuated behind, cinnamon brown.—*Pers. Ic. & descr. t.* 5, f. 3, 4. *B. & Br. Ann. N. H. No.* 1236. *A. clavus, Batsch. f.* 199.

In fir woods. Sept. Gwrwch, Denbighshire.

Taste not bitter, smell raphanoid. Colour exactly as in Batsch's figure.

Agaricus (Hebeloma) elatus. *Batsch.* "Elevated Hebeloma."

Pileus fleshy, convexo-plane, obtuse, even, smooth, rather viscid; stem stuffed, elongated, cylindrical, twisted, adpressedly fibrillose, apex farinaceous, growing pale; gills rounded, crowded, dry, pale ferruginous.—*Batsch. f.* 108. *B. & Br. Ann. N. H. No.* 1238. *Fr. Epicr. p.* 181.

Amongst pine leaves.

Odour very strong; stem 4 in. long, 4 lines thick. Pileus orbicular, 3 in. broad, tan colour, margin thin; gills 3 lines broad, unspotted.

Agaricus (Hebeloma) Hongardii. *Weinm.* "Bongard's Hebeloma."

Pileus rather fleshy, campanulate, obtuse, disc squamose, torn and fibrillose about the margin; stem solid, rigid, pale rubescent, reddish silky below, apex sprinkled with a whitish powder; gills adnate, ventricose, broad, pale reddish, then cinnamon.—*Weinm. p.* 190. *Fr. Epicr. p.* 173.

On sandhills. Forres. (J. K.)

With the odour of Bergamot. Stem 2-3 in. long, 2 lines thick.

Pileus 1-1½ in. broad, fuscous when moist, pallid when dry, not rimose.

Agaricus (Hebeloma) lanuginosus. *Bull.* "Woolly Hebeloma."

Pileus rather fleshy, hemispherical, then expanded, obtuse, floccoso-squamulose, the scales of the disc erect and squarrose; stem solid, thin, squamose, fibrillose, with a whitish powder above; gills seceding, thin, denticulate, pallid clay colour.—*Bull. t.* 370. *Br. Bath. Trans.* 1870. p. 67. *Fr. Epicr.* p. 171.

On the ground. Near Bristol.

Agaricus (Hebeloma) uniformis. *P.* "Uniform Hebeloma."

Pileus rather fleshy, convex, umbonate, piloso-squamose, stem somewhat hollow, fibrillose and squamulose, farinaceous at the apex; gills arcuate, affixed, ventricose, pallid olivaceous.—*Pers. Icon. Pict. t.* 15. f. 1. *Br. Bath. Trans.* 1870. 67. *A. dulcamarus.* *Fr. Epicr.* p. 171.

In fir plantations. Bathford.

Agaricus (Flammula) mixtus. *Fr.* "Mixed Flammula."

Pileus fleshy, convex, then plane, obtuse, viscid; disc darker, rugulose; stem hollow, curved, pallid, with brownish fibrils, and rufous scales below; gills subdecurrent, crowded, pale clay colour.—*Fr. Ep.* p. 185. *B. & Br. Ann. N. H. No.* 1239. *bis.*

On the ground in pine woods. (C. E. B.)

Stem 1-3 in. long, 3-4 lines thick, somewhat flexuous, incrassated at the base. Pileus 1-2 in. broad, margin paler.

Agaricus (Flammula) alnicola. *Fr.* "Alder stem Flammula."

Pileus fleshy, convexo-plane, moist, even; from the first rather fibrillose or squamose, sometimes smooth; stem somewhat hollow, attenuated and rooting, fibrillose, yellow, becoming ferruginous; gills sub-adnate, broad, pallid, then ferruginous.—*Fr. S. M. i. p.* 250. *Fr. Epicr.* p. 187. *B. & Br. Ann. No.* 1242.

On stumps of various trees. Epping.

Agaricus (Flammula) conissans. *Fr.* "Tan-coloured Flammula."

Pileus fleshy, thin, convex, then plane, equal, smooth when moist; stem hollow, silky-fibrillose, pallid; gills adnate, thin, very much crowded, dingy pallid, becoming clay-coloured.—*Fr. Ep.* p. 187. *Bull. t.* 178. *B. & Br. Ann. N. H. No.* 1243.

On dead stumps.

Often confounded with *A. fascicularis*, but with differently coloured gills and spores. Pileus yellowish-tan, rather viscid.

Agaricus (Flammula) lubricus. *Fr.* "Slippery Flammula."

Pileus fleshy, convex, then plane, even, viscid; stem solid, rather attenuated, fibrillose, whitish, apex striate; gills adnate, broad, pallid, then clay-coloured.—*Fr. S. M. i. p.* 252. *Fr. Epicr.* p. 185. *B. & Br. Ann. N. H. no.* 1245.

On trunks. Tunbridge Wells.

Agaricus (Naucoria) semiflexus. *B. & Br.* "Half-turned Naucoria."

Pileus hemispherical, chestnut colour, hygrophane, margin fringed with a delicate white veil; flesh white; stem semi-hori-

zontal, solid; gills distant, adnexed, brownish; spores echinulate.
—*B. & Br. Ann. N. H. No. 1246.*

On the side of a bank. Oct. Ascot.

Pileus $\frac{1}{2}$ in. across, subcampanulate, then hemispherical, or flattened above, moderately fleshy; stem $\frac{3}{4}$ in. high, $\frac{2}{3}$ line thick; spores oblong, .0003-.0004 long, .00025-.0003 in. wide. Allied to *A. horizontalis*. *B. & Br.*

Agaricus (Naucoria) scolecinus. *Fr.* "Rusty Naucoria."

Pileus rather fleshy, campanulate, then convex or plane, smooth, margin slightly striate; stem fistulose, equal, ferruginous, or rufous-ferruginous, sprinkled with white meal; gills adnate, rather distant, pale flesh colour, then ferruginous, edge flocculose.—*Fr. Ep. p. 194. B. & Br. Ann. N. H. No. 1247.*

On moist ground under alders. Sept Powerscourt.

Spores apiculate, .0003 in. long, .0013 in. wide; stem 2-3 in. long, 1 line thick; pileus $\frac{1}{2}$ - $\frac{3}{4}$ in. broad, ferruginous bay, paler at the margin.

Agaricus (Naucoria) tenax. *Fr.* "Tough Naucoria."

Pileus somewhat fleshy, campanulate, then expanded, smooth, slightly viscid, hygrophanous, stem stuffed, then hollow, equal, yellow, brownish, slightly striate with adpressed fibrils; veil fugacious; gills adnate, rather distant, edge whitish.—*Fr. S. M. i. p. 290. Weinm. p. 262. Fr. Epicr. p. 198. B. & Br. Ann. N. H. No. 1248.*

On sticks in a ditch. Oct. Welford, Norths.

Pileus cinnamon, ochraceous when dry; stem becoming ferruginous or olivaceous; gills pallid, olivaceous, becoming ferruginous.

Agaricus (Naucoria) crobulus. *Fr.* "Scaly Naucoria."

Pileus rather fleshy, convexo-plane, obtuse, with whitish evanescent floccose scales, then smooth; stem fistulose, brown, with whitish scales, gills adnate, decurrent, crowded, ferruginous, brown.—*Fr. S. M. i. p. 200. Fr. Epicr. p. 200. B. & Br. Ann. N. H. No. 1249.*

In a ditch amongst fragments of sticks. Oct. Welford, Norths.

Pileus slightly viscid, scarcely striate, when dry tan-coloured, rather shining.

Agaricus (Galera) rubiginosus. *Pers.* "Rubiginous Galera."

Pileus membranaceous, campanulate, obtuse, everywhere sulcate or striate, hygrophanous; stem filiform, equal, thin, shining, smooth, rubiginous; gills adnate, ascending, distant, broad, opaque.—*Pers. syn. p. 385. B. & Br. Ann. N. H. No. 1252. Fr. Epicr. 206. Mich. Gen. t. 75. f. 8.*

Amongst moss. Sept. Kew.

Pileus cinnamon or honey-coloured, tan colour when dry; stem 2 in. long, flexible.

Agaricus (Psalliota) merdarius. *Fr.* "Dung Psalliota."

Pileus convexo-plane, obtuse, smooth, moist, hygrophanous; stem hollow, tough, short, flocculose when dry, and pallid; ring

lacerated, fugacious; gills adnate, broad, yellowish, then umber.—*Fr. S. M. i. p. 291. B. & Br. Ann. No. 1255. Fr. Epicr. p. 220. Weinm. p. 253. Buxb. C. 4. t. 16. f. 2.*

On dung. Oct. Sibbertoft.

Densely gregarious. Pileus moist, prettily edged with the remains of the veil, $\frac{1}{2}$ -1 in. across; stem $\frac{1}{2}$ - $\frac{1}{3}$ in. high.—*B. & Br.*

Agaricus (Hypholoma) leucotephrus. *B. & Br.* "White-capped Hypholoma."

Cæspitose. Pileus at first pallid, subcampanulate, rugose, then convex, expanded, whitish; stem silky-fibrillose below, apex striate, or between sulcate and striate, fistulose; ring broad, here and there appendiculate; gills narrow, at first cinereous-white, slightly adnate, then grey, nearly black.—*B. & Br. Ann. N. H. No. 1256.*

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

Pileus 3 in. across; stem 4 in. high, 5 lines thick; gills $1\frac{1}{2}$ line broad; spores .00028 in. long .00019 in. wide, very dark brown purple. 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.—*B. & Br.*

Agaricus (Psilocybe) agnarius *Fr.* "Whitish Psilocybe."

Pileus conical-convex, then expanded, whitish, then becoming cinereous, not hygrophanous, subumbonate, between sulcate and striate; flesh white; stem flexuous, fistulose, white; gills rather distant, somewhat broad, briefly adnate or adnexed, cinereous.—*Fr. MSS. B. & Br. Ann. N. H. No. 1257.*

About the roots of decayed trees. Oct. North Kilworth, Leicestershire.

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

Agaricus (Panæolus) acuminatus. *Fr.* "Acuminate Panæolus."

Pileus rather fleshy, conic, acuminate, even, smooth, shining, zoned about the margin with a blackish line; stem thin, equal, pruinose, bicolored; gills adnexed, ventricose, crowded, becoming blackish. *Fr. Epicr. p. 237. Batt. t. 22. F. B. & Br. Ann. N. H. No. 1258.*

On dung. Oct. Sibbertoft.

Exactly accords with Batarra's figure, which scarcely agrees with the specific name. *B. & Br.*

Agaricus (Psathyrella) subatratus. *Batsch.* "Blackish Psathyrella."

Pileus rather membranaceous, campanulate, then expanded, umbonate, striate, rugulose, sprinkled with pruinose atoms; stem straight, rather firm, shining with a silky lustre, naked; gills adnexed, fuliginous, becoming black.—*Batsch. f. 89. B. & Br. Ann. N. H. No. 1260. Fr. Epicr. p. 238.*

In grassy places. Sept. Batheaston.

Pileus rufescent, growing pale, scarce exceeding 1 in. broad. Stem $1\frac{1}{2}$ line thick, clad with whitish down at the base.



Cooke, M. C. 1872. "British fungi [cont.]." *Grevillea* 1(6), 81–88.

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