

Grevillea,

A MONTHLY RECORD OF CRYPTOGAMIC BOTANY,
AND ITS LITERATURE.

BRITISH FUNGI.

By M. C. COOKE.

(Continued from p. 116.)

ASCOMYCETES.

Peziza (Humaria) hinnulea. *B. & Br.* "Brown Humaria."

Cup sessile, flexuose, marginate, bay-brown, between fleshy and waxy; sporidia globose, even with a large globose nucleus.—*B. & Br. Ann. N. H., No. 1320.**

On soil amongst grass. Powerscourt. Sept.

Sporidia ($\cdot 0006$ in.) $\cdot 015$ m.m. diameter.

Peziza (Humaria) schizospora. *Phillips.* "Phillips' Humaria."

Gregarious, sessile, urceolate then plane, red, becoming brown, externally pruinose; sporidia spherical, smooth, with a large nucleus, paraphyses filled with orange granules, clavate at the tips.—*Phillips in litt.*

On burnt or sandy ground. Shrewsbury. (W. Phillips.)

Sporidia ($\cdot 0004$ in.) $\cdot 01$ m.m. diameter, containing a single large nucleus, which escapes by rupture of the episore.

Allied to *P. Wrightii*.—*B. & Br.*

Peziza (Humaria) subhirsuta var. macrocystis.

Gregarious or scattered, cup shaped then flattened; margin entire, slightly elevated, externally brownish, smooth, or minutely granular; disc orange-red; asci cylindrical; sporidia elliptical, narrow; paraphyses clavate, filled with orange granules.

On burnt soil. Shrewsbury. (W. Phillips.)

The external cells of the cup are very large: cups 1-2 lines broad, sporidia $\cdot 0009 \times \cdot 0005$ in.

Peziza (Dasyscypha) citricolor. *B. & Br.* "Lemon-coloured Peziza."

Cups very shortly stipitate or sessile, between fleshy and waxy, turbinate, finely tomentose, lemon-coloured; sporidia fusiform, with

oleaginous granules; paraphyses linear.—*B. & Br. Ann. N. H., No. 1321, t. xix. f. 14.*

On rotten wood. March.

Cups .0009 in., sporidia (.0008-.001 × .0002-.00025 in.) .02-.025 × .005-.006 m.m. Asci (.0035-.004 in.) .085-.1 m.m. long.

Peziza (*Dasyscypha*) *stereicola*. *Cooke.* "Rose-pink *Peziza*."

Gregarious, minute; cups globose, then cup-shaped, between fleshy and waxy, externally woolly, of a delicate rosy-pink when dry; disc of the same colour; asci subclavate; sporidia minute, cylindrical, obtuse.

On the hymenium of *Stereum*. Scotland. (*Herb. Edin.*)

Sporidia (.00025 × .00005 in.) .007 × .0015 m.m.

Peziza (*Dasyscypha*) *candidata*. *Cooke.* "White Bramble *Peziza*."

Snowy white, sessile, soft, scattered or subgregarious, soon flattened; margin often lobed and irregular, slightly elevated, externally clothed with soft tomentose hairs; asci subclavate; sporidia minute, cylindrical, obtuse, hyaline.

On stems of *Rubus*. Highgate.

Sporidia (.00025 × .00005 in.) .007 × .0015 m.m.

Peziza (*Dasyscypha*) *escharodes*. *B. & Br.* "Grey Bramble *Peziza*."

Cups sessile, rugose, rough with short whitish flocci, dingy olivaceous-green; margin pallid, fringed with delicate flocci; hymenium cinereous; sporidia fusiform, sometimes binucleate.—*B. & Br. Ann. N. H., No. 1322, t. xix, f. 15.* *Cooke exs. No. 564.*

On *Rubus fruticosus*. Feb.

Sporidia (.0004 in.) .01 m.m. long. Cup at first closed, globose, .03 in. diameter, quite black when the hairs have vanished.

Peziza (*Hymenoscypha*) *amentl*. *Batsch.* "Catkin *Peziza*."

Delicate, whitish; cups scattered, slightly convex, with the margin inflexed, watery, pellucid, at length brownish; stem short, thickened upwards; sporidia obovate.—*Batsch. El. f. 148. Fr. Sys. Myc. ii. 127. B. & Br. Ann. N. H., No. 1323, t. xix. f. 16. Fckl. exs. No. 1159.*

On female catkins of *Abele*. March.

Sporidia (.0004 × .0002 in.) .01 × .005 m.m.

Peziza (*Mollisia*) *elaphines*. *B. & Br.* "Granular *Peziza*."

Cups subglobose, pale fawn-colour; mouth paler, white, sprinkled with saccharine granules; hymenium watery-grey; sporidia fusiform, hyaline, smooth, uniseriate.—*B. & Br. Ann. N. H., No. 1325, t. xix. f. 18.*

On dead wood. Jan.

Granules often disposed in lines so that the cups are radiated. Asci .0015 in. long; sporidia fusiform (.00035-.0004 in.) .0085-.01 m.m. long.

Peziza (*Mollisia*) *aquosa*. *B. & Br.* "Watery *Peziza*."

Cups at first closed, then expanded, plane, or slightly concave, greenish-brown, smooth; disc watery-grey; sporidia biseriate, ovate, apiculate.—*Berk. & Br. Ann. Nat. Hist., No. 1326, t. xx. f. 19.*

On or with *Sphæria hirsuta* on willow. Jan.

Resembling *P. cinerea*, but smoother and more concave when young, with totally different fruit. Cup $\cdot 024$ in. diameter, growing on *Sphæria hirsuta* and its mycelium, accompanied by a brown mould, consisting of erect, simple, articulated threads, surmounted by a single oblong, uniseptate spore $\cdot 0005$ in. long; asci ($\cdot 002$ in.) $\cdot 05$ m.m. long; sporidia ($\cdot 0002$ - $\cdot 00025 \times \cdot 0001$ - $\cdot 00015$ in) $\cdot 005$ - $\cdot 006 \times \cdot 0025$ - $\cdot 0035$ m.m., bright orange when treated with iodine.

Peziza (Mollisia) hydnicola. *B. & Br.* "Green Parasitic Peziza."

Cups orbicular, then irregular, plane, dark green; asci cylindrical; sporidia subglobose, uniseriate; paraphyses branched. *Berk. & Br., Ann. Nat. Hist., No. 1327, t. xx. f. 20.*

On *Hydnum ochraceum*.

Sporidia ($\cdot 0004 \times \cdot 0003$ in.) $\cdot 01 \times \cdot 0075$ m.m. Conidia ($\cdot 0001$ — $\cdot 00015$ in.), $\cdot 0025 \times \cdot 0035$ m.m. long.

Peziza (Mollisia) flaveola. *Cooke.* "Yellow Fern Peziza."

Sessile, minute, bright yellow, submembranaceous; soft, soon becoming discoid, smooth, even. Asci cylindrical.

On fronds of *Pteris aquilina*. Sept. King's Lynn. (C. B. Plowright.)

A very pretty little species, but apparently very scarce, and the specimen found was not sufficiently matured for a perfect description.

Peziza (Mollisia) Typhæ. *Cooke.* "Bulrush Peziza."

Gregarious or scattered, minute, erumpent, sessile, black, soft or waxy, soon plane, laterally compressed when dry; disc fuliginous, black when dry, minutely papillate, even; asci cylindrical, sporidia fusiform, hyaline simple. *Cooke, Exs., No. 570.*

On leaves of *Typha*. King's Lynn. (C. B. Plowright.) Oct.

Sporidia ($\cdot 0004$ - $\cdot 0005 \times \cdot 0001$ in.), $\cdot 012$ - $\cdot 014 \times \cdot 0025$ - $\cdot 003$ m.m., twice as long as in *Peziza atrata*, to which this plant has great external resemblance.

Peziza (Mollisia) Plantaginis. *Fckl.* "Plantain Leaf Peziza."

Cups seated on a pallid spot, sessile, gregarious, minute, punctiform, at first closed, globose, at length open, externally clad with a blackish meal; margine involute, disc concave, pallid-brown; asci elliptic-oblong, sporidia biseriate, elongated-lanceolate, straight. *Fckl. Sym. Myc., 294. Peziza atrata forma foliicola, Desm. Exs.*

On leaves of *Plantago lanceolata*. King's Lynn. (C. B. Plowright.)

Sporidia ($\cdot 0005 \times \cdot 00015$ in.), $\cdot 016 \times \cdot 004$ m.m.

Peziza (Mollisia) incarnata. *Cooke.* "Rosy fir-leaf Peziza."

Scattered, minute, roseate, sessile, cups soon expanded, nearly plane, externally paler; asci cylindrical, sporidia linear, obtuse, hyaline.

On pine leaves. Scotland. (A. Jerdon.)

Sporidia ($\cdot 0004 \times \cdot 00005$ in.), $\cdot 01 \times \cdot 0015$ m.m.

Peziza (Patellea) artemisiæ. *Lasch.* "Mugwort Peziza."

Erumpent, thin, almost stipitate; cups at first top-shaped, then



Cooke, M. C. 1873. "British fungi [cont.]." *Grevillea* 1(9), 129–132.

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