

1. caliciforme, *Reb.* (no. 775). On oak-wood.

279. HYSTERIUM, *Tode.*

Perithecia labiate; border entire; orifice narrow-linear. Asci elongated.

- 1. pulicare, *P.*; *Greves* t. 167. f. 1. On dead wood.
- 2. elongatum, *Walm.* On dead wood.
- 3. curvatum, *Fr.* (no. 587). On dead rose and bramble.
- 4. lineare, *Fr.*; *Greves* t. 167. f. 2. On dead wood.
- 5. Carminchaelianum, *B.*; *Greves* t. 233. On smooth oak-bark.
- 6. Fraxini, *P.*; *Greves* t. 72. On dead ash-twigs.
- 7. conigenum, *Moug. and Nest.* On cones of Scotch fir.
- 8. Vaccinii, *Carm.* On stems of *Vacc. Myrtillus*.
- 9. Rabi, *P.*; *Greves* t. 24. On dead bramble.
- 10. Pinastri, *Schrad.*; *Greves* t. 60, 26. On fir- and juniper-leaves.
- 11. melaleucum, *Fr.*; *Greves* t. 83. On dead leaves of *Vaccinium Vitis-idea*.
- 12. commune, *Fr.* (no. 588). On dead herbaceous stems.
- 13. typhinum, *Fr.* (no. 589). On dead *Typha latifolia*.
- 14. arundinaceum, *Schrad.* On dead reeds.
- 15. culmigenum, *Fr.*; *Greves* t. 87. On dead grasses.
- 16. maculare, *Fr.*; *Greves* t. 129. f. 2. On leaves of *Vaccinium*.
- 17. follicola, *Fr.*; *Greves* t. 129. f. 1. On oak and ivy-leaves.

280. ALLOGRAPHUM, *Lib.*

Perithecia branched, opening with a narrow-linear fissure. Asci subglobose.

- 1. ampulum, *B. and Br.* (no. 782).
- 281. ASTERINA, *Lév.*

Perithecia semiorbicular, seated on a byssoid mycelium; mouthless, at length splitting irregularly. Asci short, mostly subglobose.

*Velos M T 1860: outline of British*

1. *O. militaris*, *Fr.*; clavate, bright scarlet; head tuberculated; stem equal. (Plate 23, fig. 6.)

1. Babingtonii, *B.* *Strigula Babingtonii*, *Eng. Bot.* t. 2957. On living box-leaves.

282. LOPHIUM, *Fr.*

Perithecia stipitate, wedge-shaped, opening with a narrow, longitudinal fissure. Asci elongated.

- 1. elatum, *Greves* t. 177. f. 2. On fir-wood.
- 2. mytilinum, *Fr.*; *Greves* t. 177. f. 1. On fir-wood.

283. STEGIA, *Fr.*

Perithecium orbicular, splitting horizontally; operculum deciduous.\*

- 1. Ilicis, *Fr.* On holly-leaves.

284. TROCHILA, *Fr.*

Disc innate, erumpent, placed upon a black hypothecium, persistent.

- 1. Craterium, *Fr.* *Sphaeria Craterium*, *DC.* On box-leaves.
- 2. Lauro-Cerasi, *Fr.* *Phacidium*, *Desm.* On leaves of the common Portugal Laurel.

ORDER 26. SPHERIACEI.

Perithecia carbonaceous or membranaceous, sometimes confluent with the stroma, pierced at the apex, and mostly papillate. Hymenium diffluent.

285. CORDICEPS, *Fr.*

Stroma vertical, fleshy. Fructifying head distinct, hyaline or coloured. Sporidia repeatedly divided, subuniliform.

\* As far as *Stegia Ilicis* is concerned, this genus is possibly not different from *Trochita*, *Fr.*

286. HYPOCREA, *Fr.*

Stroma horizontal. Perithecia tender, hyaline or coloured.

1. *C. militaris*, Fr.; clavate, bright scarlet; head tuberculated; stem equal. (Plate 23, fig. 6.)

On pupæ of moths, buried in the ground. Not uncommon.

2. *C. entomorrhiza*, Fr.; head subglobose, brown; stem slender. (Plate 23, fig. 5.)

On pupæ and larvæ of moths, buried in the ground. Rare.

3. *C. capitata*, Fr.; head ovate, globose, bay-brown or yellowish; stem yellow, at length blackish, crumpled.—*Sow.* t. 354.

In pine-woods, on *Elaphomyces granulatus*. Rare.

4. *C. ophioglossoides*, Fr.; head clavate, brownish-black; stem olive, black, rooting.

In woods, on *Elaphomyces muricatus*. Not common.

5. *C. gracilis*, B.; head roundish-ovate, even, brown; stem rooting, elongated, cylindrical, somewhat flexuous.—*Grav.* t. 86.

On the ground, in moist, mossy places. Shetland.

6. *C. purpurea*, Fr.; minute, pale purple; head subglobose; stem short, straight, downy at the base.—*Tul. Ann. d. Sc. Nat. sér. iii. vol. xx. t. 3.*

On grains of corn, which are converted by the mycelium into ergot.

7. *C. microcephala*, Tul.; minute; head globose; stem long, slender, flexuous.—*Tul. l. c. f. 4, 5, etc.*

On ergoted seeds of common reed. *Sph. Hookeri* probably belongs to this species.

8. *C. myrmecophila*, B.; ochraceous-white; stem thread-shaped, club ovoid, sterile below, ribbed above: (no. 591.)—*Cesati in Rabenhorst, Essic. n. 1033.*

On an *Ichneumon*. Leigh Wood, Bristol, C. E. B.

9. *C. alutacea*, Fr.; clavate, tan-coloured, or nearly white; head confluent with the stem. (Plate 23, fig. 6.)

In fir-woods, amongst leaves and on furze. Local.

## 286. HYPOOREA, Fr.

Stroma horizontal. Perithecia tender, hyaline or coloured.

1. *H. gelatinosa*, Fr.; convex, equal, opaque, dirty-white within; perithecia prominent, darker than the stroma.

On fir. *Appin, Capt. Carmichael*. Variable in colour, yellow, green, umbel, pallid, etc.

2. *H. rufa*, Fr.; convex, irregular, red-brown, dirty-white within, wrinkled when dry; ostiola slightly prominent.

On oak, etc. Not uncommon.

3. *H. riccioidea*, B.; large, fleshy, deeply lobed, orange: (no. 95.)—*Bot. t. 182.*

On willow. Very rare. I have French specimens from Dr. Montagne.

4. *H. Vitalba*, B. and Br.; brown, convex, sometimes slightly lobed, confluent; perithecia ovate; ostiola obsolete; sporidia fusiform, triseptate, appendiculate: (no. 829, with a fig.)

On *Clematis Vitalba*. Bathaston.

5. *H. citrina*, Fr.; fleshy, forming a thin, lemon-coloured stratum, dotted with the ostiola.—*Grav. t. 215.*

On leaves, wood, etc. Rare.

6. *H. lateritia*, Fr.—*Merulius helvelloides*, Sow. t. 402.

On Fungi. Rare.

7. *H. luteo-virens*, Fr. (no. 594); *Grav. t. 78.*

On Fungi. Rare.

8. *H. farinosa*, B. and Br. (no. 592).

On fallen branches.

9. *H. floccosa*, Fr. (no. 593).

On *Lactarius torminosus*.

10. *H. typhina*, B.; *Grav. t. 204.*

On living grasses.