

www.e-rara.ch

Outlines of British Fungology

Berkeley, Miles Joseph

London, 1860

ETH-Bibliothek Zürich

Shelf Mark: Rar 3453

Persistent Link: <https://doi.org/10.3931/e-rara-17128>

Explanation of the plates.

www.e-rara.ch

Die Plattform e-rara.ch macht die in Schweizer Bibliotheken vorhandenen Drucke online verfügbar. Das Spektrum reicht von Büchern über Karten bis zu illustrierten Materialien – von den Anfängen des Buchdrucks bis ins 20. Jahrhundert.

e-rara.ch provides online access to rare books available in Swiss libraries. The holdings extend from books and maps to illustrated material – from the beginnings of printing to the 20th century.

e-rara.ch met en ligne des reproductions numériques d'imprimés conservés dans les bibliothèques de Suisse. L'éventail va des livres aux documents iconographiques en passant par les cartes – des débuts de l'imprimerie jusqu'au 20e siècle.

e-rara.ch mette a disposizione in rete le edizioni antiche conservate nelle biblioteche svizzere. La collezione comprende libri, carte geografiche e materiale illustrato che risalgono agli inizi della tipografia fino ad arrivare al XX secolo.

Nutzungsbedingungen Dieses Digitalisat kann kostenfrei heruntergeladen werden. Die Lizenzierungsart und die Nutzungsbedingungen sind individuell zu jedem Dokument in den Titelinformationen angegeben. Für weitere Informationen siehe auch [Link]

Terms of Use This digital copy can be downloaded free of charge. The type of licensing and the terms of use are indicated in the title information for each document individually. For further information please refer to the terms of use on [Link]

Conditions d'utilisation Ce document numérique peut être téléchargé gratuitement. Son statut juridique et ses conditions d'utilisation sont précisés dans sa notice détaillée. Pour de plus amples informations, voir [Link]

Condizioni di utilizzo Questo documento può essere scaricato gratuitamente. Il tipo di licenza e le condizioni di utilizzo sono indicate nella notizia bibliografica del singolo documento. Per ulteriori informazioni vedi anche [Link]

EXPLANATION OF THE PLATES.

—◆—
PLATE I.

Fig. 1. *A. Agaricus grammocephalus.*

- a.* spores.
 - b.* spicules or sterigmata.
 - c.* sporophores or basidia.
 - d.* tissue of trama.
- B. A. cretaceus.*

Fig. 2. *Peziza cupularis.*

- a.* ascus.
- b.* sporidium.

Fig. 3. *Hymenogaster tener.*

Showing spore surrounded by a sac, which sometimes contains a second spore.

Fig. 4. *Puccinia graminis.*

Fig. 5. *Tilletia Caries.*

- a.* spore sprouting, and crowned with processes.
- b.* processes anastomosing.
- c.* one of ditto, bearing secondary spores (after Tulasne).

Fig. 6. *Badhamia*.

- a.* cyst, with spores.
- b.* separate spore, to show that it is granulated where exposed, but smooth where covered.
- c.* *Enerthenema elegans*.

Fig. 7. *a.* *Peronospora infestans*, with hypha, erect threads, and spores.

b. *Peronospora curta*.

Fig. 8. *Gymnosporium fulvum*, *Berk. and Curt.*

Fig. 9. *a.* *Ascosporium deformans*.

b. sporidia simulating yeast-globules.

c. *A. bullatum*, to show their further growth.

Fig. 10. *Tympanis saligna*. Asci and stylospores on the same hymenium.

Fig. 11. *Nectria inaurata*.

- a.* clavate asci.
- b.* cylindrical asci.
- c.* sporidia from the latter.

Fig. 12. *a.* sporidium of *Hypoxyton fuscum*.

b. sporidium of *Sphæria rubella*.

c. sporidium of *S. palustris*.

d. sporidium of *Valsa hapalocystis*.

e. sporidium of *Massaria foedans*.

f. sporidium of *Sphæria macrotricha*.

g. sporidium of *Sphæria siparia*.

Fig. 13. *a.* stylospores of *Cenangium Fraxini*.

b. spermata of the same. The former from the base of the pycnidium, the latter from the upper part of the walls.

c. spermata of *Peziza blandula*, *Tul.*, from the hymenium (both after Tulasne).

d. spermata of *Valsa hypodermia*.

PLATE II.

1. *Merulius lacrymans*, nat. size, with a portion of the hymenium magnified.

2. *Crucibulum vulgare*, nat. size and slightly magnified, with two of the sporangia more highly magnified.
3. *Cyathus striatus*, nat. size and slightly magnified, with two of the sporangia more highly magnified.
4. *Podisoma Juniperi-Sabinæ*, nat. size.
5. *Gymnosporangium Juniperi*, nat. size.
6. *Helotium versiforme*, nat. size, with a section magnified.
7. *Tremella sarcoides*, nat. size, with a section magnified.
8. *Balanophora involucrata*, *Hook. f.*, nat. size.

PLATE III.

1. *Agaricus phalloides*, and section, half nat. size.
2. *A. strobiliformis*, young, nat. size.
3. *A. excelsus*, and section, half nat. size.
4. *A. vaginatus*, and section, half nat. size.
5. *A. Ceciliae*, and section, half nat. size.
6. *A. rachodes*, and section, half nat. size.
7. *A. cristatus*, and section, nat. size.

PLATE IV.

1. *A. melleus*, and section, one-third nat. size.
2. *A. equestris*, two-thirds nat. size.
3. *A. imbricatus*, and section, half nat. size.
4. *A. sulfureus*, and section, two-thirds nat. size.
5. *A. gambosus*, and section, half nat. size.
6. *A. albus*, and section, two-thirds nat. size.
7. *A. nudus*, and section, small specimen.

PLATE V.

1. *A. personatus*, and section, small specimen.
2. *A. infundibuliformis*, and section, small specimen.

3. *A. laccatus*, and section, nat. size.
4. *A. radicatus*, two-thirds nat. size, and section.
5. *A. fusipes*, and section, nat. size.
6. *A. stipitarius*, nat. size, with pileus and section magnified.
7. *A. dryophilus*, and section, nat. size.

PLATE VI.

1. *A. pelianthinus*, and section, nat. size.
2. *A. galopus*, nat. size, with section magnified.
3. *A. Iris*, nat. size, with section magnified.
4. *A. vulgaris*, with section, nat. size.
5. *A. stylobates*, nat. size, with section and base of stem magnified.
6. *A. tenerimus*, nat. size, with section and separate plant magnified.
7. *A. pterigenus*, nat. size, with two individuals and section magnified.
8. *A. pyxidatus*, nat. size, with section magnified.
9. *A. mitis*, nat. size, with section magnified.

PLATE VII.

1. *A. bombycinus*, two-thirds nat. size, with section nat. size.
2. *A. Loveianus*, on *A. nebularis*, two-thirds nat. size, with section nat. size.
3. *A. speciosus*, two-thirds nat. size, with section nat. size.
4. *A. leoninus*, with section, nat. size.
5. *A. chrysophæus*, with section, nat. size.
6. *A. clypeatus*, one-third nat. size, improperly referred in the text to *A. rhodopolius*.
7. *A. prunulus*, with section, half nat. size.

PLATE VIII.

1. *A. præcox*, with section, nat. size.
2. *A. adiposus*, with section, nat. size.

3. *A. mutabilis*, with section, nat. size.
4. *A. fastigiatus*, one-third nat. size, with section nat. size.
5. *A. rimosus*, two-thirds nat. size, with section nat. size.
6. *A. trechisporus*, with section, nat. size.

PLATE IX.

1. *A. crustuliniformis*, with section, nat. size.
2. *A. longicaudus*, with section, nat. size.
3. *A. melinoides*, nat. size, with section magnified.
4. *A. semiorbicularis*, nat. size, with section magnified.
5. *A. reticulatus*, with section, nat. size.
6. *A. mollis*, with section, nat. size.
7. *A. Rubi*, nat. size, with section magnified.

PLATE X.

1. *A. variabilis*, nat. size, with section magnified.
2. *A. campestris*, dark var., two-thirds nat. size, with section nat. size.
3. *A. campestris*, another variety, with section, nat. size.
4. *A. arvensis*, small specimen.
5. *A. cretaceus*, two-thirds nat. size, with section magnified. Variety with the stem less decidedly sunk into the pileus.
6. *A. squamosus*, two-thirds nat. size, with section nat. size.

PLATE XI.

1. *A. fascicularis*, with section, nat. size.
2. *A. velutinus*, with section, nat. size.
- 3, 4. *A. appendiculatus*, in different conditions, nat. size, with sections slightly magnified.
5. *A. Fœnisecii*, nat. size, with section magnified.
6. *A. fimiputris*, nat. size, with section slightly magnified.
7. *A. separatus*, two-thirds nat. size, with section nat. size.

PLATE XII.

1. *Coprinus atramentarius*, slightly reduced, with section nat. size.
2. *Bolbitius tener*, with section, nat. size.
3. *Cortinarius callochrous*, with section, half nat. size.
4. *C. anomalus*, two-thirds nat. size, with section nat. size.
5. *Paxillus involutus*, small specimen, with section.
6. *Paxillus panuoides*, nat. size.
7. *Gomphidius gracilis*, nat. size.

PLATE XIII.

1. *Hygrophorus distans*, with section, nat. size.
2. *Lactarius insulsus*, small specimen, with section.
3. *L. piperatus*, small specimen, with section.
4. *L. serifluus*, with section, nat. size.
5. *Russula heterophylla*, two-thirds nat. size, with section nat. size.
6. *R. virescens*, with section, two-thirds nat. size.
7. *R. nitida*, two-thirds nat. size, with section.
8. *R. alutacea*, two-thirds nat. size, with section.

PLATE XIV.

1. *Cantharellus aurantiacus*, small specimen, with section.
2. *C. retirugus*, nat. size.
3. *Marasmius urens*, with section, nat. size.
4. *M. peronatus*, with section, small specimen.
5. *M. Oreades*, with section, nat. size.
6. *M. insititius*, nat. size, with section slightly magnified.
7. *M. rotula*, nat. size, with section magnified.
8. *M. graminum*, nat. size, with section magnified.

PLATE XV.

1. *Hygrophorus eburneus*, with section, nat. size.
2. *Lentinus Dunalii*, with section, nat. size.

3. *Lenzites betulina*, with section, nat. size.
4. *Boletus parasiticus*, nat. size, on *Scleroderma*, not on *Elaphomyces*,
as wrongly stated in the text.
5. *Boletus luridus*, with section, small specimen.
6. *B. edulis*, with section, half nat. size.

PLATE XVI.

1. *Polyporus lentus*, with section, nat. size.
2. *P. lucidus*, nat. size.
3. *P. sulfureus*, slightly reduced.
4. *P. spumeus*, nat. size.
5. *P. ulmarius*, half nat. size, with section.
6. *P. vulgaris*, nat. size, with pores magnified.

PLATE XVII.

1. *Fistulina hepatica*, small specimen, with tubes magnified.
2. *Hydnum repandum*, with section, nat. size, and section magnified.
3. *H. udum*, nat. size, with spines magnified.
4. *Thelephora anthocephala*, nat. size.
5. *T. mollissima*, nat. size.
6. *T. sebacea*, nat. size, with the border magnified.
7. *Stereum hirsutum*, nat. size.

PLATE XVIII.

1. *Auricularia lobata*, nat. size, and section magnified.
2. *Clavaria amethystina*, small specimen.
3. *C. rugosa*, nat. size.
4. *C. umbrina*, nat. size.
5. *C. stricta*, nat. size, and tip of branch magnified.
6. *Bulgaria sarcoides*, nat. size, with section.
7. *Hirneola Auricula-Judæ*, nat. size, with section magnified.
8. *Dacrymyces stillatus*, nat. size, and section magnified.

PLATE XIX.

1. *Cortinarius bolaris*, nat. size, with section.
2. *Nyctalis parasitica*, nat. size, with section.
3. *Marasmius Wynnei*, nat. size, with section.
4. *Lentinus cochleatus*, nat. size, with section.
5. *Dædalea quercina*, small specimen, with section.
6. *Craterellus cornucopioides*, nat. size.

PLATE XX.

1. *Hydnangium carotæcolor*, nat. size, with section magnified.
2. *Hymenogaster citrinus*, nat. size, with section magnified.
3. *Phallus impudicus*, nat. size, with section.
4. *Geaster fimbriatus*, nat. size.
5. *Bovista nigrescens*, nat. size.
6. *Bovista plumbea*, nat. size, with section.
7. *Lycoperdon cælatum*, nat. size.
8. *Reticularia umbrina*, nat. size, with capillitium (*a*) magnified.

PLATE XXI.

1. *Cyathus vernicosus*, nat. size and magnified. Two sporangia more magnified.
2. *Sphærobolus stellatus*, nat. size and magnified.
3. *Anthina flammea*, nat. size.
4. *Helvella crispa*, nat. size, with section.
5. *Morchella esculenta*, nat. size.
6. *Verpa digitaliformis*, nat. size.
7. *Spathularia flavida*, nat. size.

PLATE XXII.

1. *Leotia lubrica*, nat. size, with section.
2. *Geoglossum hirsutum*, nat. size and magnified.

3. *G. olivaceum*, var., nat. size.
4. *Peziza badia*, nat. size.
5. *P. micropus*, nat. size.
6. *P. reticulata*, nat. size, with section.
7. *Bulgaria inquinans*, nat. size, with section.

PLATE XXIII.

1. *Ascobolus vinosus*, nat. size and magnified.
2. *Tuber æstivum*, nat. size, and section magnified.
3. *Elaphomyces variegatus*, nat. size and magnified.
4. *Cordiceps militaris*, nat. size, with head and perithecia magnified.
5. *C. entomorrhiza*, nat. size, with sections magnified.
6. *C. alutacea*, nat. size, with section.
7. Ergot, with *C. purpurea*, nat. size and magnified.

PLATE XXIV.

1. *Xylaria Hypoxylon*, nat. size and magnified.
2. *X. bulbosa*, nat. size and magnified.
3. *Hypoxylon ustulatum*, nat. size and magnified.
4. *H. multiforme*, nat. size and magnified.
5. *Sphæria Bombarda*, nat. size and magnified.
6. *Nectria Peziza*, nat. size and magnified.
7. *Endogone pisiformis*, nat. size and magnified.
8. *Coprinus Hendersonii*, nat. size, and section magnified.

DESCRIPTION OF THE PLANTS

- 3. D. ciliolata var. var. etc.
- 4. D. ciliolata var. var. etc.
- 5. F. minor var. var. etc.
- 6. F. minor var. var. etc.
- 7. F. minor var. var. etc.

PLATE XXIII

- 1. Acaulis, var. var. etc.
- 2. Acaulis, var. var. etc.
- 3. Acaulis, var. var. etc.
- 4. Acaulis, var. var. etc.
- 5. Acaulis, var. var. etc.
- 6. Acaulis, var. var. etc.
- 7. Acaulis, var. var. etc.

PLATE XXIV

- 1. Acaulis, var. var. etc.
- 2. Acaulis, var. var. etc.
- 3. Acaulis, var. var. etc.
- 4. Acaulis, var. var. etc.
- 5. Acaulis, var. var. etc.
- 6. Acaulis, var. var. etc.
- 7. Acaulis, var. var. etc.