

Cp. Grubbe 1)

Nyctes aliquot australenses
auctore P. G. Savardo.

(Series quarta *)

Emmerantur species nonnullae fungorum australiensium ^{ex plurimis} ab ill. F. von
Mueller anno praeterito missis, partim novae, partim cl. Cookei ^{sp. n.}
(Handbook of Australian Fung., London 1892) addendae. Hymenomy-
cetis, praeter *Polyporum Mylitta* ^{+ G. Hedw.} determinavit cl. et rev. Abba
Bresadola tridentinus.

Hymenomycetaceae.

Ranchedus separatus

1. *Medaria separata* (L.) Karst. — *Syll. fung.* V p. 1125.
2. *Polyporum Mylittae* Sav. sp. nova — frons suberex, flexilis, tota
albus v. albidus, plano-convexus, glaber, levissimus, 16 cm. diam.,
marginis eximie sinuato, acuto, ~~incurvato involuto~~, contextus albus,
centris 1,5 cm. cr.; ~~apice~~ ~~decentrali~~ ~~leni~~ ~~(incompleta vicia)~~,
tubulis, mediooculis, angulosis, ore integro, 0,5–0,7 mm. diam.,
6–10 mm. longis, ex albo cremeis, sporis globulosis, vix apicu-
latis, 4,5–5 μ diam., hyalinis.
Hab. ad *Mylittam* australem ex qua, ut videtur, originem
ducit, Western Port Victoria (Prof. Spencer). Contextus *Po-
lypori* et *Mylittae* sat similis, e filamentis tortuosis hinc
inde globoso-inflatis constans, aequo albus et subereo-mollis;
hinc suspicio *Mylittae* esse formam sclerotidream *Polypo-
ri* quae ad hunc se refert ut *Coromyces* ad *Polyporum*
Bomm. In *Mylitta* alioquin localis observari sporas (?) glo-
bas, leves, hyalinas, eximie nucleatas, 14–15 μ diam.

Polyporum ochroleucum Berk. — *Syll. fung.* VI p. 181.

3. *Fomes zelandicus* Cooke — *Syll. fung.* VI p. 181.
4. *Polystictus Thellium* Mont. — *Syll. fung.* VI p. 233.

*) Cfr. Hedw. 1890 Heft 3.

5. Cyphella parasitica B. et Br. — Syll. fung. VI p. 685.
 Hab. parasitica in Gibberidea plagia ad ramos Cassinia
Victoria (French) — spora oblique ovatae, 12-14 $\times$ 7 μ , paullo
 majores, quam in typo.
~~Cladonia infundibuliformis (Hb. Fr. — Syll. VII p. 548, Thel.~~
~~asperata Mont.~~

Hypodermaceae.

6. Puccinia Metanarthecii Pat. — Syll. VII p. 429 — *P. Burchardiae Sacc. Differt a typo soris amphigenis sat crebri, uredo
 sporis praerubris, sed raris, globulosis, laevibus, 24 μ diam, d-
 late isabelinis, hinc apiculatis; teleutosporiis typis.
 Hab. in foliis languis di; Burchardiae umbellatae, Port
Phillip Victoria. (Tab. fig. 3).

Pyrenomycesae.

7. Hypoxylon atro-purpureum Fr. — Syll. fung. I p. 375.
 Hab. ad ligna. Sporidia quam in typo paullo longiora, nampe
 Th = 6 (nec 10-12 = 5-6).
8. Dimeroporum recedens Sacc. sp. nova. Late effusum, pellicu-
 losum, atro-piceum, facile recedens, applanatum; peritheciis
 saepe gregaris, globosis, stomis distincte laxe parenchyma-
 tis, glabris, atro-nigricantibus, 100 μ diam., hyphis filiformi-
 bus intertextis, irregulariter denticulato-ramulosis; subcontinuis,
 connexis, ramulis hypharum hinc inde ^{eroste} vesiculoso-inflatis;
 asis obovatis, brevissime apiculatis, 45 = 25-28, ostiis
 apophysatis; peridiis subhirsutis, ovato-oblongis, constrictis
 1-septatis, ^{thraceo-fibrinis} guttulis, 20-22 = 6-7
 Hab. in foliis ^(plantae arboresc. caespitiosae) Stewart River — Queensland (S. Johnston) Soleni
^(subconici)
 Spec. differt quia late et inaequaliter effusum, recedens
 est. (Tab. fig. 2)

- 9 Cepnodium Walperi Lau. sp. nov. - Nigam, late effusum, pelli-
culo - scedens, fadum, superae inaequale; hyphis, repe-
ntibus, ramosis, fuliginosis, 6-7 μ cr. cuboideo-articulatis,
intertextis, raris, subinde admodum hirsutis, simplicibus
v. furcatis, ^{apice} conidia fuscoidea, saepe curva, utrinque acuta,
10-12-septata, haud constricta, 10-80 = 6-8, fuliginosa ge-
rentibus; peritheciis acrophoris et spermozoniis immixtis, poly-
morphis, phialiformibus v. obclavatis, saepe inaequaliter
ex collum plus minus attenuatis; anis clavatis-obovatis,
subrotatis, apice rotundate crasseque hincatis 60 = 70,
octosporis; pondis 2-3-his, fusco-clavatis, apice obtu-
satis, 3-septatis haud v. ex medio constrictis 20-22 = 6-8,
fuliginosis; spermozoniis sporulis oblongis, 5 = 2, hyalinis, biseptatis.
Tab. vi rariis et foliis viris Bursariae spinosae, Upper
Yarra (Walker). Notis conidiorum (sere Helminthosporii)
et sporidiorum ^{funiformium} haud muralium, a speciebus congeneribus differt.
Forte congruit cum forma florida Cepn. pelliculosi a
A. Ellis descripta (Pyrr. North Am. p. 51) sed conidia
trisporeidea ^{in nostro} omnino nulla (Tab. pg 1)

Hyphomyceteae.

- 10 Botryotrichum (Peritrichum) Lachnella Lau. sp. nov. - Hic inde gro-
garum, ambrosio-fuscum; caespitibus ex hyphis, dense circula-
riter fasciculatis compositis, Perizoidam hirtam (ex gr. Lachnella,
barbatam revocantibus) 1 mm. diam., subinde confluentibus;
hyphis sterilibus erectis, rigidulis, septulatis, 0,7 mm. longis,
3-4 μ cr., apicem versus pelli. Novis, aculeis, def.
ramos fertiles, flexuosos, inaequaliter ramulosos pelli. dore
gerentibus; conidiis sphaericis, laevibus, subhyalinis, intus gra-
nulosis 12 μ d., ad ramulos acropleurigenis, subinde
bispiculatis.

Hab. in ramis et pinnis nondum emortuis Bursariae spinosae
Victoria (Müller). Stipes singularis, versicoliter nov.
 (Pezizotrichum Dixon)
 generis, ob stipes rigidas in arcum dispositas et ob
 vnam sulphuream a typo valde recedens.

11 Cospora vinosella Lau. — Syll. fung. IV p. 20 — In thornate
udo Daldiniae concentricae, Victoria.

Myxomycetaceae.

12 Trichia Halbreyeri Massée Monogr. Myxom. p. 191, Rev.
 Trich. p. 344 f. 8. — In fragmentis putrescentibus plantarum in
 Monte Leckan (Fitzgerald). A typo vi differt colore
 intensius flavo.

Explicatio Tabulae...

1. Capnoidium Walteri Lau. — a. Perithecia, spermatogonia et conidia — b.
 ascus — c. sporidia — d. ~~conidia~~ sporula — e. conidia.
2. Trimeroporum lactens Lau. — a. Folium cum fungillo — b. peri-
 thecia in tubculo — c. perithecium magis auctum — d. hypha — e.
 ascus — f. sporidia.
3. Puccinia Metanarthecii Pat. * P. Barchardiae Lau. — a. Folium
 cum fungillo — b. teleutospores — c. uredospores.
4. Botryotrichum (Pezizotrichum) Lachnalla Lau. — a. Ramus cum fungillo —
 b. capitulum — c. thyphae fertiles et steriles — d. hypha fertilis — e. conidia.

Monsieur Prantl, je vous prie de accepter cette notice
 pour le premier N^o du Hedwigia. Je desire voir l'épreuve
 de l'impression du texte et de la planche et vous prie
 de me communiquer votre adhésion. Salutations,
 de votre dévoué M. Dixon