

**GREVILLE. A QUARTERLY
RECORD OF CRYPTOGAMIC
BOTANY AND ITS LITERATURE,
VOL. XIII-XIV, 1884-86**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649098330

Grevillea. A quarterly record of cryptogamic botany and its literature, Vol. XIII-XIV, 1884-86
by Various

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Biol.
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Grevillea,

A QUARTERLY RECORD OF
CRYPTOGAMIC BOTANY
AND ITS LITERATURE

EDITED BY M. C. COOKE, M.A., A.L.S.,

*Author of "Handbook of British Fungi," "Fungi, their uses," &c.,
"Rust, Smut, Mildew, and Mould," &c., &c.*

VOL. XIII.

1884-85.

176040
23 11 85

WILLIAMS AND NORGATE,
HENRIETTA STREET, COVENT GARDEN, LONDON;
SOUTH FREDERICK STREET, EDINBURGH.
LEIPZIG: F. A. BROCKHAUS. NEW YORK: WESTERMANN & CO.

H. WOLFF, PRINZER, LEWIS.

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NOTICE.

Pages 49 to 110 of Appendix, containing descriptions of British Hymenomyces, in continuation from the preceding volume, will, in binding, be placed at the end, or may be kept as a separate work. They are, in effect, the letterpress to the plates contained in Vols. I. and II. of "Illustrations of British Fungi." Further instalments, in continuation, for Vols. III. and IV., will be proceeded with immediately.

Grevillea,

A QUARTERLY RECORD OF CRYPTOGAMIC BOTANY
AND ITS LITERATURE.

FUNGI OF PERAK.

By M. C. COOKE.

This collection was made under the superintendence of Dr. Geo. King, of the Calcutta Botanic Garden.

Lentinus oxilis, *Klotzsch.*

Lentinus dactylophorus, *Lec.*

Lenzites platyphyllus, *Coker.*

Pileo subreniformi (vel orbiculari) suberoso, albido, postice lato (vel centro), affixi, subtiliter velutino, præcipue margine radiato-sulcato, dein striato, contextu concolore tenui (2 mm.) lamellis subdistantibus, latissimis (1 unc.) furcatis, ochroleucis.

On rotten wood. Gopang. Malay Peninsula. Aug., 1840. (No. 607.)

Pileus from 2 to 6 inches broad. Size and habit of *L. ochrophyllus*, B., but gills more distant, much broader, and the pileus distinctly radiato-sulcate, or striate. The mycelium, running under the bark, is of a bright orange colour.

Lenzites applanata, *Fries.*

Polyporus (Melanopus) hemicapnodes, *Berk.*, var. **dimorphus**.

Pileo coriaceo-membranaceo lento quandoque infundibuliformi, alias reniformi, vel lobato, vel fissurato, pallido vel ochroleuco, subtiliter striatulo, initio leniter sericeo, ævum glabrescente. Stipite centrali, laterali, gracili, erecto, basi discoideo, nigro-velutino, siccò rugoso; hymenio albido, poris parvis decurrentibus, rotundis, æqualibus, minutis ($\frac{1}{8}$ mm. diam.).

On dead logs. Gopang. Malay Peninsula. (No 665.)

Pileus scarcely exceeding 1 in. diam. Stem about the same length, 1 line thick. It is evidently allied to *P. Leprieurii*, but differs in several important points. The pileus is sometimes infundibuliform, or discoid, with the stem central, but more usually reniform, with the stem lateral. The pilei of two or three specimens are sometimes confluent.

Polyporus (Mesopus) rugosus, Nees.

Polyporus (Mesopus) xanthopus, Fries.

Polyporus (Pleuropus) flabelliformis, Kl.

Polyporus (Pleuropus) affinis, Nees.

Polyporus (Pleuropus) sanguineus, Fries.

Polyporus (Pleuropus) incurvus, Cooke.

Carnosus, demum cartilagineus, rigidus tennis stipitatus. Pileo semi-orbiculari vel reniformi, repetito purpureo-zonato, ruguloso, pruinoso, albido, margine acuto inflexo, crispato-lobato, stipite laterali brevi vel elongato ruguloso, concolori, hymenio concavo pallido. Poris minutis subæqualibus, rotundatis $\frac{1}{5}$ - $\frac{1}{2}$ mm. Dissepimentis tenuibus.

On rotten logs. Gopong. Malay Peninsula. (No. 610.)

Pileus $2\frac{1}{2}$ x 2 in. Stem 2-3 in. long, $\frac{1}{4}$ in. thick. Strongly resembling pale forms of *Poly. zonalis*, Berk., but with a distinct and often long lateral stem.

Polyporus (Placodermei) cornubovis, Cooke.

Maximus, lignoso-suberosus, induratus, imbricatus, nigrescens. Pileis dimidiatis postice confluentibus, decurrentibus, concentricè sulcato-zonatis, glabris, margine tenui acuto. Contextu fibroso tenui atro-purpureo. Hymenio atro-fuligineo, sæpe glaucescente, poris minutissimis rotundis æqualibus ($\frac{1}{8}$ mm.) elongatis. *Polyporus phæus*, Berk. in Herb. No. 2666.

On rotten logs. Gopong. Malay Peninsula.

Masses from 1 to 2 feet in breadth, pilei 6-8 inches long, scarcely exceeding half an inch thick behind, very hard, shining when cut like "buffalo-horn." Berkeley's specimen was from Khasia (India). The specific name being preoccupied, has been changed as above.

Polyporus (Placodermei) senex, Berk. & Mont.

Polyporus (Placodermei) introstuppeus, Berk. & Cooke in Herb. Berk. 2571*.

Pileo unguato, crasso glabro, remote concentricè sulcato, tuberculato, e fuligineo demum caescente, intus stuposo-molli pallido lignicolori, cute crassa dura, margine obtuso pallidiore, hymenio ochraceo, tubulis elongatis stratosi, poris rotundatis minimis æqualibus ($\frac{1}{4}$ mm.) dissepimentis crassis obtusis.

On trees in open jungle. Perak. (No. 587.) And on walnut. N.W. India,

Pileus from 8 to 12 in. broad, 6-9 inches long, 5 inches thick, allied to *P. scansilis*, B. and P., *P. pinicola*, Fr.

Polyporus (Placodermei) australis, Fries.

Polyporus (Placodermei) kermes, Berk.

Polyporus (Placodermei) Auberianus, Mont.

Polyporus (Placodermei) Thwaitesii, Berk. & Br.

Polyporus (Polystictus) arenosus, Cooke.

Pileo subtenui rigido, zonato, lineato-rugoso, antice pallido, lignicolori, postice atro-purpureo, plerumque discoideo-affixo;

hymenio pallido, poris mediis rotundatis, subæqualibus ($\frac{1}{4}$ mm. diam.) granulis arenarum involventibus; contextu umbrino.

On logs laying on sandy ground. Gopang. Malay Peninsula. Aug., 1880.

Pileus 2-3 in. broad, 1-2 lines thick. Externally very similar to *Polyporus Parishii*, Berk, but differing in its decided brown substance, and in the hymenium enclosing particles of sand in the process of growth, which characterized the whole of some twenty specimens.

Polyporus (Inodermei) caliginosus, Cesati, viz Berk.

Polyporus (Inodermei) cingulatus, Berk. non Fries.

Polyporus (Inodermei) aratus, Berk.

Polyporus (Inodermei) cinerascens, Fries.

Polyporus (Inodermei) brunneo-pictus, Berk.

Polyporus (Inodermei) hirsutus, Fries.

Polyporus (Inodermei) substygius, B. & Br.

Polyporus (Inodermei) submembranaceus, Berk.

Trametes rigida, Berk.

Trametes occidentalis, Fries.

Dædalea sanguinea, Klotsch.

Favolus scaber, B. & Br.

Hexagona tenuis, Berk.

Beccaria insignis, Cesati.

Cladoderma dendritica, Pers.

Cladoderma spongiosa, Fries.

Stereum Mellisii, Berk.

Stereum lobatum, Kuntz.

Stereum aterrimum, Cooke.

Rigido-coriaceum, ambientil-liberum, nigrum. Pileo semi-circulari, sublobato, flexuosoque, concentricè sulcato-zonato, glabrescente, contextu nigro-fusco, nigro-purpureo vergente; hymenio glabro, atro-fuligineo, pruinoso, demum nigrescente.

On rotten wood in open dry ground. Gopang. Malay Peninsula. Aug., 1860. (*H. Kuntze*)

Allied to *S. princeps* and *S. scytale*. Pileus 2 to 3 inches broad, very rigid, but fragile, 1 mm. thick and upwards. Substance purplish black. The pilei are often more or less connate at the base in a thick irregular common stem.

Stereum involutum, Klotsch.

Guepinia flabellata, Cooke.

Caspitosa, flabellata, rubrofusca, postice attenuata, discoideo-affixa, stipite proprio nullo, pileo margine lobato inciso, hinc illic profunde diviso, utrinque glabro, hymenio subpallidiori.

On rotten logs. Gopang. Malay Peninsula. (No. 646.)

Pileus 2-2 $\frac{1}{2}$ in. long, 1 $\frac{1}{2}$ -2 inches broad. Attenuated downwards to the discoid base. Thinner than *G. helvelloides*.

Hypoxyton (Daldinia) concentricum, Grav.