

DESCRIPTION OF A NEW SPECIES OF ACACIA.

BY F. M. BAILEY, F.L.S.

ACACIA MELALEUCOIDES.

A small tree; the bark on trunk much cracked and of a dark colour, the branches drooping; branchlets more or less angular and corky; young growth said to be of a decided golden hue. Leaves slender, from 6in. to over 12in. long, of from 15 to over 20 pairs of pinnae 2in. to 3in. long; common petiole 2in. to 3in. long; leaflets linear, 2 to $2\frac{1}{2}$ lines long and about $\frac{1}{2}$ -line broad; glands dark, between the three upper pairs of pinnae only; stipules none on the specimens examined; peduncles solitary, about 1in. long, bearing a stem-clasping two-lobed bract about the middle; spike about $1\frac{1}{2}$ in. long; flowers numerous, but not crowded, pale coloured, bracts subtending the flowers very deciduous, narrow; calyx-tube nearly 2 lines long; teeth 3, rather broad and silky; corolla-tube about 2 lines long; teeth 5, about $\frac{1}{2}$ -line long, narrow, silky; stamens numerous, exerted about 3 lines. Anthers minute, globular. Pod not collected.

Hab.—South-eastern slope of Newcastle Range, between Georgetown and Junction Creek. R. C. Burton.

In general appearance this new species closely resembles *A. Bidwilli*, Benth., from which it, however, is readily recognised by its flowers being borne in spikes, not globular heads, as in that species. This interesting addition to the large genus *Acacia* is of further importance on account of its being the first of the series *Gummiferae*, which has been met with in Australia bearing its flowers in spikes. The specific name is suggested from the supposed resemblance of tree and inflorescence to some of the narrow leaved tea-trees.

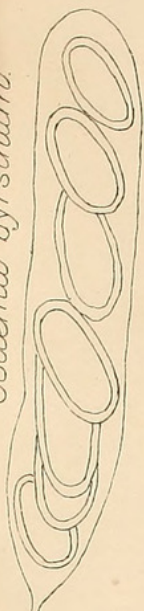
EXHIBITS.

By Mr. J. H. SIMMONDS.

Plants of the orders Magnoliaceæ, Anonaceæ, Menispermaceæ, and Violariæ, collected in the Brisbane Valley and on Stradbroke Island.

LICHEN THECÆ & SPORES (variously magnified)

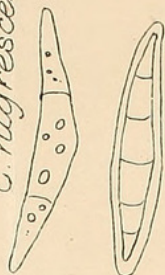
Collema byrsinum



C. leucocarpum



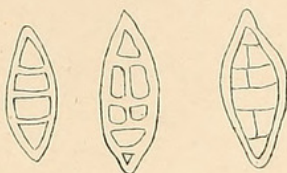
C. nigrescens



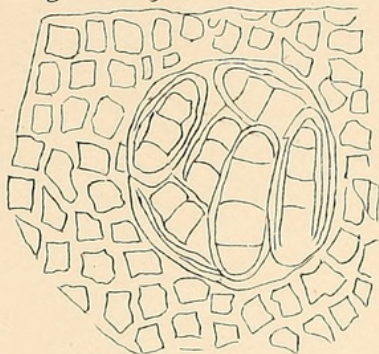
Gonidia



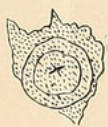
Ieplogium tremelloides



Myriangium Duriei



Sphaerophoron compressum

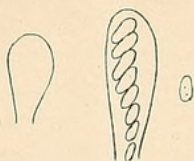


Spore with
spore coat

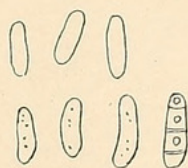
Bæomyces roseus



Cladonia macilenta

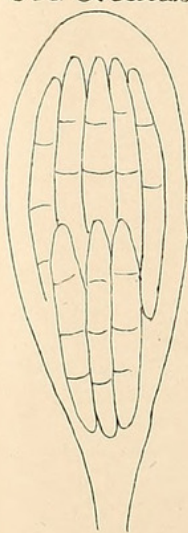


Heterodia Muelleri



Stereocaulon

ramulosum

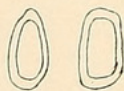


Usnea barbata

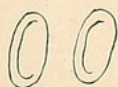


U. intercalaris

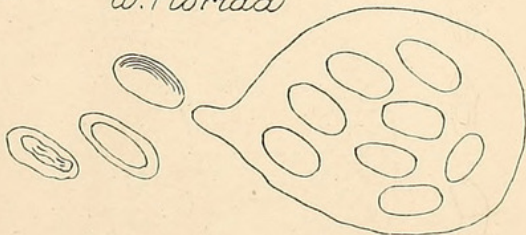
U. longissima



U. angulata



U. florida



Ramilina fraxinea



R. calicaris



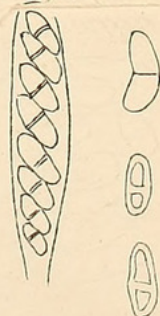
R. scopulorum



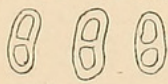
R. gracilis



R. pusilla



R. Yemenensis

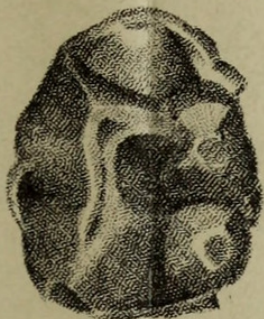


R. exiguella



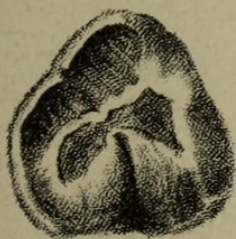
C. Edmonds litho.

ZYGOMATURUS TRILOBUS *MacI.*



Upper premolar

NOTOTHERIUM DUNENSE



Upper premolar



Lower premolar

OWENIA GRATA



Upper premolar



Lower premolar

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THE

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- ✓ "Metatarsal bones of *Progura gallinacea*"

NOTICE TO MEMBERS.

All Papers which are received by the Honorary Secretary not later than the second Monday in the month will be submitted to the Examination Committee, and, if accepted, will be read at the next Ordinary Meeting; if received later than the second Monday, they will necessarily be held over until the following month.

Members having books or pamphlets in their possession which have not been catalogued by the Librarian are requested to return the same to the Library at their earliest convenience.

Royal Society of Queensland.

FRIDAY, NOVEMBER 18TH, 1888.

The President C. W. DE VIS, M.A., &c., in the Chair.

:o:

NEW MEMBERS (Omitted from Part III.)

F. Saville Kent, F.L.S., Melbourne; Rev. F. R. M. Wilson, Kew, Victoria; Corresponding Members.

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BRISBANE—The Mildura Cultivator, several numbers, presented by Mr. Weedon; The Wealth and Progress of New South Wales, presented by Mr. H. Hurst; Plants Poisonous to Stock; Second Supplement to Synopsis of the Queensland Flora; Classified Index to Second Supplement, presented by the Author, Mr. F. M. Bailey; Manual of New Zealand Coleoptera, by Capt. Thomas Brown, Parts I, II, III, IV; Catalogue of the Exhibits in the Queensland Court, Melbourne Exhibition, 1888; presented by F. M. Bailey, Esq., F.L.S.; Proceedings and Transactions of the Queensland Branch of the Royal Geographical Society of Australasia, Vol. III, Pt. 1, by the Society.

BRUSSELS—Procès-Verbal de la Société Royale Malacologique de Belge, from the Society

CALCUTTA—Records of the Geological Survey of India, Vol. XXI, Pt. 3. from the Director.

HOBART—Abstract of Proceedings of the Royal Society of Tasmania, from the Society.

LEEDS—The Journal of Conchology, No. 11, Vol. V, July, 1888, from the Society.

MELBOURNE—The Victorian Engineer, Sept. 15th and Oct. 15, 1888, from the Editor ; Transactions and Proceedings of the Royal Geographical Society of Australasia, Victorian Branch, Vol. V. Pts. 1 and 2, Vol. VI, Pt. 1, from the Society ; Iconography of Australian Species of Acacia, 12th December, from the Author ; Transactions and Proceedings of the Royal Society of Victoria, Vol. XXIV, Pt. 2, from the Society ; Transactions of the Geological Society of Australasia, Vol. I, Pt. 3, from the Society ; Prodomas of the Zoology of Victoria, McCoy, Decade XVI, from the Author ; Field Naturalists' Club of Victoria, Eighth Annual Report, from the Society.

OTTAWA—Geological and Natural History of Survey of Canada, Annual Report, New Series, Vol. II, 1886, from the Director.

SYDNEY—Clippings of Newspaper Reports and copies of Stationery of Australasian Association for the Advancement of Science, from the Association ; Tabular List of Australian Birds, presented by the Author Dr. Ramsay ; Journal and Proceedings of the Royal Society of New South Wales, Vol. XXII, Pt. 1, 1888.

VIENNA—Mittheilungen der Anthropologischen Gesellschaft in Wien, Vol. XXIII, from the Society.

YOKOHAMA—Transactions of the Asiatic Society of Japan, Vol. XVI, Pt. 2, from the Society.



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