

IV. PROGRESS IN MALESIAN BOTANY  
(additions to the list on pages 1680-1683)

B r y o p h y t a

Dr. B. O. v a n Z a n t e n, Groningen, will soon finish the revision of Malesian species of Racopilum and Powellia (Racopilaceae).

Mr. J. H. H i l b r a n d s has in 1968/69 worked on the species of the genus Papillaria of Malesia and adjacent countries (at Groningen, under supervision of Dr. van Zanten).

A similar work will be done on the subfamily Garovaglioidae (Pterobryaceae) by Mr. H. J. D u r i n g in 1969/70.

The Bibliography of Philippine Bryology, Supplement I, by Mr. R. M. d e l R o s a r i o is awaiting publication. This supplement was prepared by him in Washington University with the assistance of his Professor-Advisor, Dr. H. A. M i l l e r, to whom he feels greatly indebted.

P t e r i d o p h y t a

Dr. Carrick C h a m b e r s, who made an intensive field study of New Zealand Blechnum (Polypodiaceae) some years ago continued his interest in the genus more widely (though his main work is in electron microscopy). He expects to spend a sabbatical leave at Kew in 1970, which he will devote to the study of this genus.

Prof. R. E. H o l t t u m, Kew, pursues his studies on the Thelypteris group. See Bibliography.

Dr. K. I w a t s u k i will spend half a year in European herbaria for studies on the Fern Flora of Thailand, which will be composed jointly with Prof. Dr. M. T a g a w a, Kyoto.

Miss F. M. J a r r e t t, Kew, is working on the genus Nephrolepis.

Dr. K. U. K r a m e r, Utrecht, finished the MS revision of the Lindsaea group for the Flora Malesiana, with a precursor in the press.

Mr. Michael P r i c e, College, Laguna, Philippines, has taken interest in the fern flora of Mt Makiling. His ultimate goal is to accomplish a student's fern flora of this mountain.

### P h a n e r o g a m a e

Apocynaceae. Dr. F. M a r k g r a f, Zürich, elaborated revisions of the genera Carissa, Hunteria, Leuconotis, Melodinus, Neokeithia, Plumeria, and Catharanthus.

Bignoniaceae. Dr. J. C. den H a r t o g, Leiden, does some work for a critical survey of the genera Campsis, Pandorea, Tecomanthe, and Neosepicea.

Byblidaceae. A revision for the Flora Malesiana was prepared by Dr. C. G. G. J. v a n S t e e n i s.

Dipterocarpaceae. An extremely important book towards the knowledge of this family by Dr. P. S. A s h t o n is "A Manual of the Dipterocarp Trees of Brunei State and of Sarawak", with full keys to no less than 247 species. See Reviews.

Mr. H. G. G u t t i e r r e z, Manila, made a revision of the genus Hopea in the Philippines. This thesis was published by the University of Santo Tomas, Manila. See Bibliography.

Euphorbiaceae. Mr. H. K. Airy S h a w is steadily working on this huge family and he prepared several precursory papers. See Bibliography.

Flacourtiaceae. Dr. H. S l e u m e r, Leiden, is revising several genera for his ultimate target of making a world revision of this family, in which he held a life-long interest.

Gramineae. Mrs. Chumsri C h a i a n a n, Bangkok, is making a revision of the genus Germainia, and will pursue her studies of Thailand grasses under supervision of Mr. J.F. Veldkamp, Leiden.

Icacinaceae. The precursor on Icacinaceae by Dr. H. S l e u m e r is published; see Bibliography. He also prepared the MS revision of this family for the Flora Malesiana.

Labiatae. Now the important precursory revision of the Malesian Labiatae is published, Dr. H. K e n g, Singapore University, wants to extend this to a final revision for the Flora Malesiana.

Lauraceae. Dr. A. J. G. H. K o s t e r m a n s, Bogor, published some very important precursory revisions of several genera.

Leguminosae. Dr. B. K r u k o f f, New York, is engaged in a second, completed monographic version of his former account of the genus Erythrina, including all Malesian species.

Dr. T. C. W h i t m o r e, Kepong, is elaborating Malayan woody members for the Forester's Manual.

Lythraceae. The Colombo Plan Fellow, Mr. Montien S r i - s u k o, was engaged in a revision of the genus Lagerstroemia under supervision of Mr. C.X. Furtado, at Singapore, in 1966/67.

Melastomataceae. Mr. P. F. C o c k b u r n, Lae, is making a precursory study of Memecylon with a view to possible revision when more time is available.

Meliaceae. Dr. T. D. P e n n i n g t o n, Oxford, made a MS revision of the genus Vavaea (in the press, in Blumea).

Myristicaceae. The precursory, monographic study by the late Mr. J. S i n c l a i r is published. See Bibliography.

Orchidaceae. The publication of the revision of Phalaenopsis by Dr. H. R. S w e e t, Department of Biology, Tufts University, Medford, Mass., is in progress. See Bibliography.

Also the revision of the Apostasiaeae by Mr. W. d e V o g e l is in the press.

Palmae. Mr. J. D r a n s f i e l d is making some studies on the genera Teysmannia (now Johannesteysmannia) and allies under supervision of Prof. Corner, Cambridge.

Pandanaceae. Dr. B. C. S t o n e, Kuala Lumpur, is steadily working on Pandanus and Freycinetia; he made a preliminary draft of Borneo Pandanus.

Piperaceae. Dr. C h e w W e e L e k, Singapore, finished a revision of the Solomon Islands Piperaceae of the Royal Society collections in 1965 and earlier specimens of Kajewski (in the press, Kew Bull.) and he will also revise the Malayan species.

Polygalaceae. Mr. R. v a n d e r M e y d e n, Leiden, will revise the genus Xanthophyllum, the largest genus of this family, for the Flora Malesiana.

Portulacaceae. A revision of the Indo-Pacific species of Portulaca by Mr. R. G e e s i n k, Leiden, is in the press. A new system for the genus is therein proposed. He prepared also a MS revision for the Flora Malesiana and an Identification List.

Rhamnaceae. Dr. M. C. J o h n s t o n, Botany Department of the University of Texas, Austin, spent 1968/69 a year in European herbaria, mainly at Munich; he finished amongst others revisions of the genera Colubrina, Sageretia, and Berchemia.

Rubiaceae. Dr. R. C. B a k h u i z e n v a n d e n B r i n k Jr, Leiden, surveyed the nomenclature and typification of Nauclea (in the press) and is elaborating the species revisions of Nauclea and Neonauclea.

Sapindaceae. An important precursor is the revision of Lepisanthes sens. lat. by Dr. P. W. L e e n h o u t s. See Bibliography.

Thymelaeaceae. Mr. H. K. Airy S h a w, Kew, kept up with incoming material of Gonystylus, and described 2 new Bornean species. See Bibliography.

Trimeniaceae. Mr. W. F. R o o d e n b u r g, Leiden, started a revision of the genus Trimenia.

Urticaceae. Dr. C h e w W e e L e k, Singapore, finished the revisions of Dendrocnide, Laportea, Discocnide, and Nothocnide. They will be published before this Bulletin is out. He proceeded with a revision of the genus Oreocnide (Villebrunea) and Debregeasia.