

IV. PROGRESS IN MALAYSIAN BOTANY

(cntd from p.357)

Anacardiaceae. Mr F.D. V e n n i n g, in charge of the Swingle Plant Research Laboratory, University of Miami, Coral Gables, worked on the genus Spondias.

Annonaceae. Mr J. S i n c l a i r, Singapore, made a study of Malayan species for which he had in addition to check on species from the adjacent regions of Siam, Burma, and Borneo.

Araceae. Dr R.C. B a k h u i z e n v a n d e n B r i n k Jr, Leyden, is busy on a revision of the Javanese representatives for Backer's Flora of Java.

Bambusaceae. Dr R.E. H o l t t u m did rather intensive field work on bamboos of Malaya.

Bombacaceae. Mr J. W y a t t - S m i t h made a study of Malayan and Bornean species of Durio; Dr K o s t e r m a n s also wrote on some species he collected in SE. Borneo.

Burseraceae. Under supervision of Dr L a m, Leyden, the revision of the genera of this family are gradually nearing completion. The last and largest genus to revise, Canarium, has now almost been finished by Mr P. L e e n h o u t s.

Butomaceae have been revised by Dr C.G.G.J. v a n S t e e n i s (Fl. Mal. I, 5, 1).

Combretaceae. The revision by Mr A.W. E x e l l was published (Fl. Mal. I, 4).

Compositae. Miss Dr J.Th. K o s t e r, Leyden, finished her work on the Javanese species and published some notes on miscellaneous Malaysian Composites; she is now specially working on some New Guinean and other East Malaysian collections.

Convolvulaceae. Revision was published by Dr S.J. v a n O o s t s t r o o m in collaboration with Dr R.D. H o o g l a n d.

Cucurbitaceae. A few miscellaneous Cucurbitaceae were worked on by Mr M. J a c o b s, Leyden.

Cyperaceae. A MS ready for publication was received on the Rhynchosporoideae from Dr G. K ü k e n t h a l, Coburg. An up to date revised MS on Carex has been made by Mr A. N e l m e s, Kew. A new revision of Cyperus was finished by Mr J.H. K e r n, who is now engaged to finish a large work on the genera Fimbristylis and Scirpus.

Datisceaeae. Revision was published by Dr C.G.G.J. v a n S t e e n i s (Fl. Mal. I, 4).

Droseraceae. Revision was published by Dr C.G.G.J. v a n S t e e n i s (Fl. Mal. I, 4).

Flacourtiaceae. Dr H. S l e u m e r has revised Malaysian Flacourtiaceae (Fl. Mal. I, 5<sup>1</sup>).

Gramineae. The very large work on the Gramineae of Malaysia is now about completed for publication; about 600 species have been recognized; the work will be richly illustrated by detail figures. Three sets of precursory notes have been published by Dr P. J a n s e n.

Guttiferae. Messrs H e n d e r s o n and W y a t t - S m i t h made a study of the Malayan species of the difficult genus Calophyllum.

Haemodoraceae have been revised by Dr C.G.G.J. v a n S t e e n i s (Fl. Mal. I, 5<sup>1</sup>).

Leguminosae. Dr H.C.D. d e W i t continued work on Leguminosae; he published a new revision of Archidendron, and treated Dialium, Cassia, and Copaifera. The large MS on the Bauhinieae offered to Reinwardtia has not yet been printed. He started work on Cynometra. Dr A.J.G.H. K o s t e r m a n s, Bogor, revised Pithecellobium.

Malpighiaceae. Mr J. A r è n e s and Mr M. J a c o b s have finished the revision on the Malpighiaceae for the Fl.Mal.

Malvaceae. Mr J. v a n B o r s s u m W a a l k e s, Bogor, has now a preliminary MS on the Malaysian members of this family; during his leave Oct. 1953 - Febr. 1954 he visited various European herbaria for an examination of type specimens to finish this study.

Meliaceae. Mr M.R. H e n d e r s o n revised certain members of the Meliaceae of Malaya in MS.. Mr M. J a c o b s made a revision of Chisocheton sect. Clemensia.

Menispermaceae. Mr L.L. F o r m a n, Kew, is planning to revise this family for the Malaysian region; he has started with the genus Stephania.

Moraceae. As has been announced formerly Mr E.J.H. C o r n e r, Cambridge (Engl.), has undertaken the colossal job of revising Ficus; this work gradually advances as time is available. In conjunction with this work his assistant, Miss J a r r e t t, has undertaken to revise the Artocarpeae. These two groups cover together a considerable part of this family.

Myrtaceae. Through the untimely death of Mr C.T. W h i t e the study of the capsular-fruited genera of Myrtaceae has been abandoned, with the exception, however of Eucalyptus with which Mr S.T. B l a k e, Brisbane, is now almost ready. Mr

B l a k e's work on Queensland and Northern Territory members of the Melaleuca leucadendron complex will be of importance for the understanding of the Malaysian representatives of this complex. Dr v a n S t e e n i s, Leyden, worked on a few peculiar Malaysian Myrtaceae (Whiteodendron n.g. and Kjellbergiodendron).

Papaveraceae have been revised by Dr C.G.G.J. v a n S t e e n i s (Fl. Mal. I, 5<sup>1</sup>).

Pentaphragmataceae. Mr Airy S h a w published the revision of this monogeneric family (Fl. Mal. I, 4).

Proteaceae. In 1954 Dr H. S l e u m e r, Leyden, revised the Malaysian Proteaceae; a critical examination appeared necessary of all species of Helicia and Macadamia.

Ranunculaceae. Dr H. J. E i c h l e r, Leyden, revised during 1954 the Malaysian Ranunculaceae and their allies in the adjacent regions.

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 published a first precursory paper on this family. He was advanced with a revision of the genus Ophiorrhiza, when he returned to the staff of the Rijksherbarium and was charged with work on Backer's Flora of Java.

Salicaceae. Only one native and one cultivated species appear to be represented in Malaysia according to the revision by Mr M. J a c o b s (Fl. Mal. I, 5<sup>1</sup>).

Sapotaceae. Under supervision of Dr L a m, Leyden, several of his collaborators work on genera of this family.

Stylidiaceae. The late Dr v a n S l o o t e n left a MS of a revision of this family which was published (Fl. Mal. I, 4).

Theaceae. Dr Cl.E. K o b u s k i is steadily progressing with the revision of this family. The genus Adinandra has been finished; work is underway on Ternstroemia. In Kew Bull. 1953, p. 3 it has been announced that a revision of Camellia by J.R. S e a l y was ready for printing.

Thymelaeaceae-Gonystyloideae (Gonystylaceae). The revision was published by Mr H.K. Airy S h a w (Fl. Mal. I, 4).