

IV. PROGRESS IN MALAYSIAN BOTANY
(contd from p.629)

Phytochemistry:

Dr R. H e g n a u e r, professor of Pharmacy at the University of Leyden, has agreed to collaborate with the Flora Malesiana and add under a family, if desirable or necessary, a chapter on the aspects of phytochemistry with special attention to taxonomical affinity. This very welcome help is initiated with the Capparidaceae in vol.6.

Pteridophyta:

Dr R. E. H o l t t u m, Kew, has received a travel grant from Unesco, under Research Program of the Humid Tropics Project to facilitate his study of the Malaysian tree ferns; more than 300 have been described from that area. He left England Nov.21st, and proceeded to Ann Arbor, Michigan for studying the Copeland Herbarium. End January he moved to Washington, D.C., and he further hoped to have some days at Berkeley, Calif. In May he returned via Hawaii, Fiji, Sydney, Brisbane, Bogor, and Singapore.

Marsileaceae:

Dr E. L a u n e r t, München, is studying African Marsileaceae and wants to extend his studies to other parts of the

world. When he will deal with the Asian species he will also revise the family for the Flora Malesiana.

Phanerogams:

Apocynaceae. Mrs E. T i m m e r m a n (née van der Sleesen) finished a precursory study of the genus Kopsia in Malaysia. Three new species have been described from recent collections, several others have been reduced. Provisionally her work, in which Dr Leenhouts and Dr van Steenis collaborated, has been distributed (in mimeograph) to field workers in Malaysia for trial and additional information, preparing the way for publication of a future polished version.

Bombacaceae. Mr S o e g e n g at Bogor is preparing a MS revision of the genus Coelostegia and Mr S o e p a d m o a revision of the genus Neesia under supervision of Dr Kostermans.

Campanulaceae. Mr R. M. B. M. M o e l i o n o, Amsterdam, finished a revision of the genera Lobelia, Pratia, Campanumoea, Peracarpa, and Codonopsis, for the Flora Malesiana. Mr P. T u y n is now working on Wahlenbergia and will also work on the other genera of the family.

Cunoniaceae. Dr R. D. H o o g l a n d finished his revisions of the genera Ceratopetalum, Gillbeea, Aistopetalum, and Calycomis, which will be published in Austr. J. Bot.

Dipterocarpaceae. Mr T. C. W h i t m o r e, Botany School, Cambridge, has just finished a doctoral dissertation on "The systematic Morphology of Bark in Dipterocarpaceae", based on 112 Malayan species.

Epacridaceae. Dr H. S l e u m e r, Leyden, is working on the Epacridaceae of Malaysia and Australasia.

Gramineae. Dr F. A. M c C l u r e, Washington, D.C., is working on the Bambusoideae for the new edition of Engler & Prantl, Natürlichen Pflanzenfamilien, under grants from the Nat. Sci. Found. Wash. and Unesco. His trip to Micronesia (see p. 472) has been postponed indefinitely.

Guttiferae. Dr A. J. G. H. K o s t e r m a n s, Bogor, has made further research in various herbaria on the genera Mammea and Ochrocarpus; he has come to the conclusion that the only genus represented in Asia and Malaysia is Mammea. In Madagascar both genera occur. A revision of the genus Mammea by Dr Kostermans will be printed as Communication of the Forest Research Stations, Bogor.

Lecythidaceae. Under supervision of Dr Kostermans of the Herbarium Bogoriense, Mr S o e p a d m o is working towards a revision of the genus Planchonia.

Leguminosae. Dr F o s b e r g made a revision of the genus Serianthes Bth.

Lentibulariaceae. Mr P.T a y l o r, Kew, has now definitely agreed and has been granted permission by the Director, to revise Utricularia for the Flora Malesiana.

Loganiaceae. Dr P.W.L e e n h o u t s finished his revision of Geniostoma, Fagraea, and Couthovia, and is now working on Strychnos.

Moraceae. The monograph of the genus Artocarpus was published by Miss F.M.J a r r e t t in J.Arn.Arb.

Myristicaceae. Mr J.S i n c l a i r returned to Singapore and continued his revision of the genus Knema.

Najadaceae. Mr W.J.J.O.d e W i l d e works at Leyden on the taxonomy of the genus Najas in Malaysia.

Ochnaceae. Mr J.K a n i s, Leyden, revised Schuermansia and some other genera of this family.

Orchidaceae. Mr H u n t, assistant to Mr Summerhayes at Kew, will gradually concentrate his attention on the orchids of Asia and Malaysia.

Pandanaceae. Dr Benjamin C.S t o n e, Honolulu, makes a monographic study of the genus Sararanga.

Rhizophoraceae. Dr D i n g H o u finished a MS review of the genus Rhizophora, with special reference to the species of the Pacific Ocean. In all 7 species have been distinguished, 6 of which occur in the Indian-Malaysian-Pacific area.

Santalaceae. Dr H.U.S t a u f f e r, Zürich, is planning to revise this family for the Flora Malesiana.

Staphyleaceae. Mr B.J.v a n d e r L i n d e n, Leyden, finished a revision of the Malaysian species of the genus Turpinia, to which Kaernbachia described in the Cunoniaceae has been reduced.

Sterculiaceae. Dr A.J.G.H.K o s t e r m a n s published a revision of the genus Heritiera (including Tarrietia).

Theaceae. Dr J.R.S e a l y, Kew, has undertaken to name all material of Camellia represented in the Rijksherbarium, Leyden.

Verbenaceae. Dr H.N.M o l d e n k e, New York, is still proceeding with his revision of this family.