

IV. PROGRESS IN MALAYSIAN BOTANY

(contd from p. 474)

Bryophyta. It was communicated by Prof. R. v a n d e r W i j k, Groningen, that the preparation of a first part of this series is in an advanced state.

Pteridophyta. Mr A l s t o n finished the revision of Isoetaceae and is engaged on the revision of Schizaeaceae. Prof. H o l t t u m has practically finished his revision of Gleicheniaceae. These revisions together are expected to comprise the first part of this series. Mr A.G.L. A d e l - b e r t is at the Rijksherbarium working on a thesis for Prof. L a m on the genus Lycopodium.

Flora of Java. Dr B a c k e r continued his work on this Flora under the auspices of the Rijksherbarium, Leyden. Dr R.C. B a k h u i z e n v a n d e r B r i n k Jr worked on the remaining families of the Monocotyledones of which the Palmae and Marantaceae are now in MS and the Zingibera- ceae nearly so. Work on the Gramineae, the last family, will be continued by him in collaboration with Mr Ch. M o n o d d e F r o i d e v i l l e, Bergen, honorary collaborator of the Rijksherbarium. The Rubiaceae were issued in the preliminary edition as part XV.

Cyclopaedia of collectors. Mrs M.J. v a n S t e e n i s - K r u s e m a n, Oegstgeest, continued to collect data for a supplement of her Cyclopaedia of Collectors. She will

welcome all corrections of mistakes and additions to the original work (F.M. vol. 1).

Families of Phanerogams.

Alismataceae. Mr C. d e n H a r t o g, Amsterdam, finished the revision for part 3 of the Flora.

Annonaceae. Prof. R.E. F r i e s, Stockholm, compiled the Annonaceae for the new edition of the Pflanzenfamilien; spring 1957 the work was in page proof.

Basellaceae. Dr C.G.G.J. v a n S t e e n i s, Leyden, treated the introduced members of this family for part 3 of the Flora.

Batidaceae. Dr P. v a n R o y e n, Leyden, finished the revision of this family for the Flora.

Centrolepidaceae. Dr Ding H o u, Leyden, revised this interesting group for the Flora.

Connaraceae. Miss Dr Ch.H. A n d r e a s, Groningen, has through change of work program been compelled to discontinue her work on Malaysian Connaraceae; this has been taken over by Mr P. L e e n h o u t s.

Cunoniaceae. Dr R.D. H o o g l a n d, Canberra, is preparing to make a revision for the Flora.

Cyperaceae. Mr J.H. K e r n, Leyden, in 1956 has been working on the large and difficult tribe Mapanieae.

Dichapetalaceae. Mr P. L e e n h o u t s, Leyden, finished his revision for part 3 of the Fl. Mal.

Ericaceae. Dr H. S l e u m e r, Leyden, finished the revision of the genera Gaultheria, Diplycosia, and is now working on Rhododendron.

Goodeniaceae. Mr P. L e e n h o u t s, Leyden, revised the family for part 3 of the Fl. Mal.

Hamamelidaceae. Mr W. V i n k, Leyden, revised this family for part 3 of the Fl. Mal.

Hydrocharitaceae. Mr C. d e n H a r t o g, Amsterdam, finished the revision of this family for the Flora.

Lauraceae. Dr A.J.G.H. K o s t e r m a n s, Bogor, finished a world survey of the genera.

Leguminosae. Miss Velva E. R u d d, Washington, DC., has undertaken a revision of the genus Aeschynomene in Malaysia.

The large work on the Bauhinieae, by Dr D e W i t, has finally appeared in print.

Lemnaceae. Dr E. L a n d o l t, Zürich, Dozent at the E.T.H. will gradually study the Lemnaceae of the Malaysian and other areas, having taken over this task from the late Prof. W. K o c h. For this aim this Bulletin contains hints to collectors of Lemnaceae in order to provide Dr L a n d o l t with fresh material for cultivation in the Zürich aquaria.

Moraceae. Miss F.M. J a r r e t t, Cambridge, Engl., has completed the revision of Artocarpus, Parartocarpus, Prainea and Eullettia and her thesis was approved for the degree of Ph.D. (Cantab) in July.

Mr E.J.H. C o r n e r, Cambridge, Engl., is now working on the final revision of Ficus at the Kew Herbarium. So far about 14,000 different collections have been examined. It has become apparent that there may be connections between some of the aberrant sections of Eastern Malaysia and those of Tropical America. For instance, the section which includes the many allies of F. elastica Roxb. in New Guinea and Australasia has the prominent, but caducous, basal bract to the fig as Mildbraid and Barrett observed for two American and African sections. Also the section of F. callosa Willd. and F. vasculosa Wall., which is so abundant in New Caledonia, seems to connect with some American species. It is, therefore, satisfactory to know that Mr G. D e W o l f (Cornell University) will be working with Mr C o r n e r at Cambridge, 1957-1958, on the American species. Mr C o r n e r has also revised Antiaris, Cudrania, and Antiaropsis. It may be possible to complete the other Moraceae by the time that Ficus is finished. See further under Queries.

Meliaceae. Mr Ivan E n o c h of the Botany Department, University of Malaya, has begun a study of Malayan species of Aglaiia.

Myristicaceae. Mr J. S i n c l a i r, Singapore, has agreed to revise this family on which he has already made substantial precursory work in conjunction with this work in Malaya, for the Flora.

Myrtaceae. Mrs K.M. M c W h a e (Née P i k e), Perth, made research on the pollen structure of the Malaysian myrtaceous genera Kjellbergiodendron and Whiteodendron; fossil pollen from Australia matches that of the latter endemic Bornean genus.

Palmae. Dr C.X. F u r t a d o has published his revision of the Malayan species of Calamus, and as time permits, is working on other genera of palms.

Pittosporaceae. Mr K. B a k k e r & Dr C.G.G.J. v a n S t e e n i s, Leyden, prepared a revision for part 3 of the Fl. Mal.

Rhizophoraceae. Dr Ding H o u, Leyden, made a preliminary revision of the genus Bruguiera and will continue with the other Malaysian members of this family for the Fl. Mal.

Santalaceae. Mr H.U. S t a u f f e r, Zürich, is working on a monograph of the genus Exocarpus.

Sapotaceae. Under supervision of Prof. H.J. L a m, director of the Rijksherbarium the revision of Sapotaceae of Malaysia is nearing its completion; contributions appearing in the forthcoming issue of Blumea contain additional notes by himself on Ganua; a revision of Pouteria by Mrs M.P.H. H e r r m a n n - E r l é e & Dr P. v a n R o y e n, and revisions of Xantolis and Planchonella, and additional notes on Burckella & Manilkara by Dr v a n R o y e n.

Saxifragaceae. Dr R. H o o g l a n d, Canberra, has agreed to revise this family for the Flora.

Dr G.K. S c h u l z e, Berlin-Dahlem, is working on a complete revision of the genus Polyosma.

Violaceae. Dr S. B l o e m b e r g e n, Leyden, is working on the Malaysian members of this family.