

IV. PROGRESS IN MALESIAN BOTANY

(additions to the list on pages 2155-2159)

Aponogetonaceae. Revised for Indo-China by Mr. H. W. E. van Bruggen (Heemskerk, Netherlands, associated with the Rijksherbarium).

Araliaceae. For Malesia, all that is not Schefflera (of which Dr. D. G. Frodin, Port Moresby, is taking care) is under revision with Professor W. R. Phillips (Christchurch). He is making good progress.

For Indo-China, Mme Bui Ngoc Sanh (Paris) is expected to conclude a MS in the course of 1975.

Balanophoraceae. Dr. Bertil Hansen (Copenhagen) prepared an account for the Flora Malesiana from his thesis.

Bignoniaceae. This family is now under revision for the Flora Malesiana with Professor C. G. G. J. van Steenis (Leiden), who jokingly terms it 'his second thesis', almost 50 years after the first one. For the Tecomanthe-Pandorea complex he hopes to obtain assistance from Mr. J. C. den Hartog. The whole manuscript will be completed about the end of 1975.

Caprifoliaceae. For Indo-China under revision with Dr. N. Fukukawa (Kobe and Kyoto).

Caryophyllaceae. Dr. W. M. Öschl, Geidorfgürtel 46, A 8010 Graz, Austria, is working on Cerastium for the world; at present he is revising the species of New Guinea.

Centrolepidaceae. For Indo-China revised by Professor Kai Larsen (Aarhus).

Conifers. Dr. T. C. Whitmore (Oxford) is making a 2-year study of Agathis in field and herbarium; see Personal News.

Crypteroniaceae. In addition to the news on page 2156: the work on the family by Mrs. R. van Beusekom-Osinga and her husband who contributed much to the final shaping up, will result in 3 papers: two precursors in Blumea, the special part now in the press, the general part (with extensive argumentation for a new circumscription of the family) to follow before long, and the Flora Malesiana revision of which publication then will be a largely technical matter.

Cucurbitaceae. For Indo-China revised by Mme Keraudren-Aymonin (Paris), due for publication in the F. L. C. V. N. in 1975.

Cunoniaceae. Dr. R. D. H o o g l a n d (Canberra) is continuing his preliminary studies of the Malesian genera.

Cyperaceae. Dr. P. W. L e e n h o u t s (Leiden) has agreed to complete the MS of the late Dr. J. H. K e r n of Carex and Uncinia for the Flora Malesiana.

Dipterocarpaceae. Mr. H. G. G u t i e r r e z (Manila) is working on the Philippine species.

Geraniaceae. Dr. J. F. V e l d k a m p (Leiden) re-worked the species of New Guinea; he suspects that the present species will have to be combined and that a new variety is to be described.

Gesneriaceae. Mr. B. L. B u r t t (Edinburgh) is doing spadework in this long-neglected, under-collected family of in Malesia perhaps 700 species.

Dr. George W. G i l l e t t (Riverside, Calif.) is about to complete a study of all the species of Cyrtandra in the small islands of the SW. Pacific. He hopes to take up the New Guinea species next.

Gramineae. Messrs. K. C. S a h n i and K. N. B a h a - d u r (Dehra Dun) are preparing an illustrated 'Bamboo Identification Guide for India' on vegetative characters.

Dr. J. F. V e l d k a m p (Leiden) has undertaken a revision of Poa (which mainly occurs in the mountains of New Guinea) as part of his Flora Malesiana work.

Iridaceae. Dr. D. G e e r i n c k (Brussels) has agreed to revise Patersonia and Sisyrinchium for Malesia.

Labiatae. For Indo-China, under revision with Mr. G. M u r a t a (Kyoto).

Lauraceae. Dr. A. J. K o s t e r m a n s published in 1973-1974 accounts of Alseodaphne, Caryodaphnopsis, Dehaasia, Neocinnamomum, Triadodaphne; he wrote up the family for Ceylon, Thailand, and New Caledonia. He is about to complete Notaphoebe, then will proceed to finish the family for the Flora Malesiana, assisted by Dr. M. J a c o b s.

Leeaceae. Dr. C. E. R i d s d a l e (Leiden) published his account of Leea in Blumea, which will be complemented by the Flora Malesiana text, which is ready for the press.

Leguminosae-Caesalpiaceae. Several papers for the Flora of Thailand have been finished by Professor & Mrs. Kai & Supee L a r s e n (Aarhus): Afzelia, Bauhinia, Cassia, Cynometra, Intsia, Peltophorum, &c. The others will be done by Dr. J. E. V i d a l (Paris). Completion is expected late in 1975.

Also for Indo-China (F.L.C.V.N.) the family is in course

of revision. Besides the persons mentioned, Mme H u l T h o l of Cambodia is preparing a thesis on the complex of Caesalpinia-Pterolobium-Peltophorum-Wagatea, with pollen.

Dr. J. E. V i d a l finished a revision of Pterolobium. Dr. C. G. G. J. v a n S t e e n i s revised the genus Sympetalandra (Blumea 22, 1975, 159-167).

Leguminosae-Mimosaceae. Mr. Ivan N i e l s e n (Aarhus) is revising the family for Thailand, a job of about 3 years.

Liliaceae. For India, Dr. D. B. D e b and Mrs. S. D a s g u p t a (Museum, Calcutta) have revised Scilla, Urginea, and Dipcadi.

Dr. J. P. J e s s o p, who during a year at Leiden started to revise the Malesian species, will complete this job at Adelaide, where he has been appointed.

For Indo-China, Smilax is being revised by Mr. T. K o y - a m a (New York).

Lowiaceae. For Indo-China, revised by Professor Kai L a r s e n (Aarhus).

Meliaceae. Mr. K. N. B a h a d u r (Dehra Dun) is about to complete his Toona-monograph, then to proceed on the family for India.

Mr. D. M a b b e r l e y (Oxford) is working on Chisocheton for which he briefly visited Sarawak in April 1974.

Messrs. P e n n i n g t o n and S t y l e s (Oxford) completed a MS on the subdivision of the family, down to genus.

Moraceae. The whole MS has now been worked up for the press; a score of minor points are expected soon to be clarified.

Musaceae. Dr. G. A r g e n t (Edinburgh) is thinking of extending his work on the New Guinea species to those of Malaya and perhaps other parts of Malesia.

Opiliaceae. Dr. Paul H i e p k o (Berlin) has undertaken to revise the family for Malesia.

Palmae. At Leiden, under supervision of Dr. M. Jacobs, Mr. J o h a n i s P. M o g e a, on a NUFFIC-fellowship from Bogor, is monographing Salacca, which he had already given much study in the field.

Pandanaceae. For Indo-China, Dr. B. C. S t o n e (Kuala Lumpur) has finished a MS.

Potamogetonaceae. For Indo-China, revised by Dr. V u Van Cuong (Paris).

Rubiaceae. For India, Dr. D. B. Deb and the ladies Dr. Reba Bhattacharjee, Mridula Maulik, Pratima Ganguly, and Krishna Guha Roy (Museum, Calcutta) are studying Knoxia, Hedyotis, Mycetia, and Paederia.

At Leiden, Dr. C. E. Ridsdale went through the Naucleaeae, redefining genera and working towards a new subdivision for Malesia, to follow publication of those for Africa-Madagascar, due for publication in *Blumea* 22 part 3.

Sabiaceae. Under Dr. C.F. van Beusekom's continued guidance, Mr. Th. P. M. van de Water, a student, is expected to have finished Sabia by mid-1975. Editorial work is then all that needs to be done for publication of the whole family in the *Flora Malesiana*.

Sapindaceae. Dr. P. W. Leenhouts (Leiden) steadily proceeds. He has a general survey of the family in the making for the *Botanical Journal of the Linnean Society*, to redefine the sub-groups, in correlation with pollen characters studied by Mr. J. Muller (Leiden). His student, Mr. R. J. W. M. van der Ham has completed a draft of his revision of Mischocarpus: 11 species.

Sauraujaceae. Dr. R. D. Hoogland (Canberra), combining field and herbarium work, is making steady progress with his *Flora Malesiana* revision.

Sparganiaceae. For Indo-China revised by Dr. Vu Van Cuong, for F.L.C.V.N.

Stylidiaceae. For Indo-China revised by Professor Kai Larsen (Aarhus).

Symplocaceae. Mr. H. P. Nooteboom's (thesis) monograph for the Old World is now ready for the press. His book will be the first volume of a new Rijksherbarium series (see Research and Publication). The keys to the 110 species and about as many lower taxa of the subgenus Hopea (there are 2 more in subgenus Symplocos, formerly sect. Cordyloblaste) have been made with the aid of a computer, with a program called Keygen II, designed by Mr. R. Pankhurst of the Botany School at Cambridge, U.K. Mr. Nooteboom will now proceed to write up the family for the *Flora Malesiana*; the number of taxa in this area is estimated at 80.

Ulmaceae. Dr. E. Soepadmo has largely completed his revision for the *Flora Malesiana*; Trema still gives difficulties, which can only be solved by examining New World material. Since American Herbaria won't lend to Kuala Lumpur, he hopes to go there in 1975.

Zingiberaceae. Spadework at Edinburgh is going on. Miss R. M. S m i t h is now studying the subdivision of Alpinia. See in the Bibliography under Burtt, Larsen, Lim, and Smith.