

IV. PROGRESS IN MALESIAN BOTANY

(addition to the list on pages 2316-1320)

Acanthaceae from New Caledonia, revised at Paris by Dr. H. H e i n e, are in the press.

Anacardiaceae. At Leiden, Dr. D i n g H o u completed the FM-manuscript. A precursory paper on the whole family chiefly of Malesia has been presented to Blumea.

Apocynaceae. At Zürich, Professor F. M a r k g r a f completed Alyxia for Malesia, incl. Paralstonia and Discalyxia,

57 spp. The Madagascar species belong in Cabucala. The paper is in the press with Blumea.

Araliaceae. At Christchurch, N.Z., Dr. W. R. P h i l i p - s o n is seeing the end of the Flora Malesiana family. A MS on Malesian Osmoxylon (incl. Boerlagiodendron), 41 spp., is in the press with Blumea.

On Schefflera Dr. D. G. F r o d i n at Port Moresby is making good progress; the latter visited a number of Herbaria in Europe.

Aristolochiaceae. At Leiden, Dr. D i n g H o u took up the family for the Flora Malesiana.

Bignoniaceae. At Leiden, Dr. C. G. G. J. v a n S t e e - n i s has studied SE. Asian Fernandoa (incl. Haplophragma) and Radermachera, now in the press with Blumea. Tecomanthe and Pandorea are to follow thus completing the FM-revision.

The New Caledonia species, revised by Dr. H. H e i n e at Paris are now in the press.

Boraginaceae from New Caledonia, at Paris revised by Dr. H. H e i n e, are now in the press.

Compositae. At Leiden, Dr. J. Th. K o s t e r revised the Cichorieae from New Guinea, 3 genera, 6 spp., in the press with Blumea.

At Kew, Dr. F. D a v i e s is revising Gynura.

Cornaceae. Dr. K. M. M a t t h e w 's Mastixia monograph, 13 spp., is in the press with Blumea.

Cyperaceae. The genus Carex is still to be completed for the Flora Malesiana. Dr. H. P. N o o t e b o o m has agreed to do this as his first job following his appointment on the Rijksherbarium staff on 1 October 1976.

Uncinia is being revised for Australia by Mr. B. G. H a m - l i n at Wellington, N.Z.

At Paris, Dr. J. R a y n a l is revising the family for New Caledonia.

Dipterocarpaceae. Dr. P. S. A s h t o n, Aberdeen, finished during 1975 the final typed version of the family for Flora Malesiana. The illustrating is on the way. Because of its size this family will occupy the entire volume 9 of Flora Malesiana.

At Paris, Mrs. G. M a u r y is working on a thesis about morphology, anatomy, and surface patterns of the seedlings.

Ebenaceae. Dr. A. J. K o s t e r m a n s prepared notes on 56 Asia, Malesia and Pacific Diospyros.

Elaeocarpaceae. At Leiden, Dr. M. M. J. v a n B a l - g o o y has taken up a revision of Sericolea.

Ferns. At Melbourne, Mr. C. C h a m b e r s is making good progress with his monograph of Blechnum.

At Brisbane, Mr. Bruce A n d r e w s is working on a new fern Flora of Queensland.

At Leiden, Mr. G. J. d e J o n c h e e r e has the Davalliaceae under revision for the Flora Malesiana. He prepared a paper on the Specific Concept in Humata pectinata (c. 16 pages) for the Gardens' Bulletin, in the press, and is going on with this genus.

Mr. E. H e n n i p m a n 's thesis on Bolbitis is almost ready for publication, probably in the Leiden Botanical Series.

At Kew, Dr. R. E. H o l t t u m sent a monograph of Coryphopteris (Thelypteridaceae) to Blumea, 47 spp. He will proceed on a comparative account of all Thelypteridaceae in the Pacific for the new journal Allertonia.

At Kyoto, Prof. Dr. K. I w a t s u k i plans to revise the Hymenophyllaceae for the Flora Malesiana.

Gramineae. Dr. S o e j a t m i Soenarko, back at Bogor, has taken up Ischaemum and Themeda for revision, while also actively interested in bamboos. Her thesis on Cymbopogon is going to be published in Reinwardtia for the taxonomic part and (hopefully) in the Annales Bogorienses for the phytochemistry part.

Lauraceae. At Leiden, Dr. A. J. K o s t e r m a n s completed a few small genera and proceeded on the sorting out of the species in those genera where this had not yet been done for the Flora Malesiana, Dr. M. J a c o b s assisting him in bibliography and editing.

Leguminosae. At Aarhus Mr. I. N i e l s e n has nearly finished Pittocellobium (Mimos.) s.l. for the Indo-Chinese region.

At Kentucky, U.S.A., Dr. W. M e i j e r will pursue the study of Mucuna (Papil.).

At Leiden, Mr. R. G e e s i n k hopes to conclude his Ph.D. thesis on the generic limits, in detail, of Afgekia, Clianthus, Derris, Millettia, Padbruggea, and Pongamia (Papil.) from SE. Asia and Malesia.

At Paris, Dr. J. E. V i d a l, together with Mrs. S. Hul Tol, has completed the Asian species of Caesalpinia, due in 1976 in the Bull. Mus. Paris. Mrs. S. Hul Tol is working on a thesis on the affinities of Pterolobium-Caesalpinia-Wagatea-Peltophorum using pollen and numerical methods.

Lentibulariaceae. In November 1975 Mr. P. T a y l o r, Kew, worked for two weeks at Leiden under auspices of Foundation Flora Malesiana, to prepare a revision for FM.

Liliaceae. Dr. J. P. J e s s o p, now at Adelaide, monographed at Leiden Peliosanthes, 1 sp., 2 subsp.

Loganiaceae. At Lae, Mr. Barry J. C o n n plans to revise Geniostoma for Papua New Guinea and perhaps beyond.

Lythraceae. Prof. Dr. C. D. K. C o o k, Zürich, is engaged to monograph Rotala.

Myristicaceae. Dr. W. J. J. O. d e W i l d e of the Rijksherbarium has taken up the late Mr. J. Sinclair's papers on Knema to work it up for the Flora Malesiana; some laborious alterations are necessary.

Orchidaceae from New Caledonia are being revised by Dr. N. H a l l é at Paris.

Palmae. At Leiden, Mr. Johanis P. M o g e a of Bogor prepared a monograph of Salacca with Dr. M. Jacobs; the MS only needs typing out for Reinwardtia.

Pandanaceae. Dr. B. C. S t o n e of Kuala Lumpur spent the summer in touring European Herbaria to examine material. Under a plan then made he will prepare and send FM-manuscripts to Leiden, section by section.

Polygalaceae. At Leiden, Mr. R. v a n d e r M e i j d e n is continuing on Xanthophyllum for Malesia; the genus counts now some 80 species and is still increasing. He will also look at the pollen.

Rosaceae. Dr. C. K a l k m a n is continuing work on Rubus, the Moluccanus-group, for the Flora Malesiana.

Rubiaceae. At Calcutta (Museum), work on Borreria, Coffea, Hedyotes, Knoxia, Nostolachna, and Paederia for India is done by Dr. D. B. D e b and his associates.

At Paris, Mr. Deva Tirvengadam from Mauritius, Smithsonian fellow, is studying Gardenieae of Asia.

At Leiden, Dr. C. E. R i d s d a l e monographed Cephalanthus, 6 spp., of which 2 Asian, in press with Blumea.

The extensive Key to the Genera of Thailand, about 75 in number, prepared by Dr. R. C. B a k h u i z e n v a n d e n B r i n k, will be published in the Thai Forester. Neonauclea for the Flora Malesiana will be completed by the same author late in 1976. Dr. C. E. R i d s d a l e, B.A. Krukoff Botanist at Leiden, will write up Anthocephalus, Metadina, Mitragyna, Myrmeconuclea, Nauclea, Ochreinauclea, and Uncaria in the course of 1976. This will complete the Malesian Naucleaeae. Precursory papers are in the press for Blumea.

The two authors published a delimitation of 11 Afro-Madagascan Naucleaeae genera, in Blumea 22 (1975) 541-553.

Sabiaceae. At Leiden, Mr. Th. P. M. v a n d e W a t e r hopes to conclude Sabia for Malesia in 1976.

Sapindaceae. At Leiden, Dr. P. W. L e e n h o u t s is revising Nephelium (the first genus of which Radlkofer understood very little); Xerospermum is to follow. Under his direction, Mischocarpus and part of its relation Arytera have been done by Mr. R. v a n d e r H a m; Harpullia has been taken up by Miss M. M. H. V e n t e, who has started in New Guinea where most of the species occur. Pollen investigation is made in the same groups under Mr. J. M u l l e r.

Simaroubaceae. Dr. H. P. N o o t e b o o m of Leiden will write up the family for the Flora of Thailand.

Solanaceae from New Caledonia, revised at Paris by Dr. H. H e i n e, are now in the press.

Sterculiaceae. At Aberdeen, Dr. I. G. M. T a n t r a of Bogor completed his thesis on Sterculia prepared with Dr. P.S. Ashton. He then worked for 4 months at Leiden for the Flora Malesiana Foundation, making his MS-revision of the Malesian species ready for publication in Reinwardtia.

Symplocaceae. In the wake of his thesis (page 2338) which in due course will be edited for the Flora Malesiana, Dr. H. P. N o o t e b o o m at Leiden will write up the family for the Flora of Thailand and New Caledonia.

Vitaceae. Under Leeaceae, Dr. C. E. R i d s d a l e, B.A. Krukoff botanist at Leiden, published a monograph of Leea in Blumea, while the FM-revision is in the press.

Winteraceae. Dr. W. V i n k concluded Zygogynum, a small genus from New Caledonia, leaf anatomy being necessary. He has started on Bubbia, which takes a central position in the family.