

II. PROGRESS IN MALESIAN BOTANY

(continued from page 228)

Bryophyta

Mr. J. R. CABALQUINTO (PNH) is studying the moss flora of Batanes.

Pteridophytes

Mr. J. F. BARCELONA (PNH) is studying the fern flora of Batanes.

Ms. J. M. CAMUS (BM) has started work on annotated checklists of pteridophytes of Sumatra, Java, and Celebes. Information about old and recent minor collections are welcomed.

The project Systematics of Polypodiaceae under the direction of Dr. E. HENNIPMAN (formerly at U) has been terminated in Utrecht. The rich and well-documented collections of living Asian species have been transferred to the Botanical Garden in L with some smaller collections to other European gardens.

Dr. E. HENNIPMAN and Ms. G. P. VERDUYN finalized their study of *Lecanopteris*.

Dr. P. H. HOVENKAMP (L) has started a revision of *Selliguea*, incl. *Crypsinus*, which will probably also deal with the generic delimitation of some ill-defined auxiliary genera.

Dr. K. IWATSUKI (TI) started a revision of the ferns for the Flore du Cambodge, du Laos et du Viêtنام.

Dr. B. S. PARRIS (AK) is putting the results of 17 years of Grammitidaceae data in a database. There are about 300 species, probably less in the final account. Work on a new system of Old World members is also being undertaken. She (with Dr. M. KATO) is finishing a paper on the ferns of Ceram and Ambon.

The 'Plants of Mount Kinabalu. 1. Ferns and fern allies' is now complete and should be published in 1991.

Ms. G. A. van UFFELEN (L) started the publication of a series on the sporogenesis in Polypodiaceae.

Spermatophytes

Anacardiaceae — All data amassed by Dr. A. J. G. H. KOSTERMANS (BO) on the mangos has been deposited with Dr. J. M. BOMPARD (MPU) who will add colour plates and polish up the manuscript.

Mr. J. KULIP (SAN) is writing up the family for the Tree Flora of Sabah.

Araceae — Mr. A. HAY (NSW) is continuing with revisions of *Homalonema* and *Pothos*.

Bombacaceae — Mr. A. M. MOHTAR (SAN) is doing Ph.D. research in Reading, U.K., on the taxonomy of *Durio*.

Convolvulaceae — Dr. T. DEROIN (P) started to revise some genera for the Flore du Cambodge, du Laos et du Viêtنام simultaneously with his revision for the Flore de Madagascar.

Coriariaceae — Dr. B. E. E. DE WILDE-DUYFJES (L) has started a revision of the family for the Flora Malesiana.

Costaceae — Mr. O. GIDEON (LAE) intends to revise *Tapeinocheilos* at JCT for his Ph.D. This is, however, so undercollected, that he desperately needs additional material, especially from Irian Jaya. If anybody can help him, please send material to the Herbarium of the James Cook University, Townsville (Ql.)—4811, Australia (JCT).

Euphorbiaceae — Ms. D. DAVIDSON (UT) studies the relationships between *Endospermum* and the ant *Camponotus*.

Gramineae — Mr. J. KULIP (SAN) studies the bamboos of Sabah. He has found *Schizostachyum jaculans* in Kinarut.

Dr. W. NANAKORN (BKF) has started a revision of the Gramineae for the Flora of Thailand. He is preparing an enumeration of the Thai Gramineae (133 genera, 510 spp) with selected synonyms, cited specimens, and abbreviated locations, and an Index to collectors of Thai Gramineae, both to be finished by the end of 1991. For revisions he will start with the *Andropogoninae*.

Juglandaceae — The publication of the revision by Dr. P.H. HỒ (P) for the Flore du Cambodge, du Laos et du Viêtنام (fasc. 26) is expected this year.

Lecythidaceae — Mr. M. JEBB (Christensen Research Institute, POB 305, Madang, Papua New Guinea) has begun a revision of New Guinean *Barringtonia*. The degree of human manipulation cannot be underestimated, and some of the edible species may have been transported over great distances. There are 4 edible species with 8 varieties. These have large terminal racemes with ovoid fruits to 10 cm long enclosing a sweet white nut. *Barringtonia racemosa* is found from Africa to New Guinea, but is not known to be eaten outside the latter island. Other species are used as fish poisons, either from their fruits or bark. Information on all species will be most appreciated and acknowledged. A photograph or dried specimens of the leaf and inflorescence and information on its origin, is it wild, are there more varieties of it, etc. will be most appreciated.

Leguminosae — Ms. N.O. AGUILAR (CAHUP) is continuing her projects: a checklist of taxa after Merrill's publications to include forage and reforestation species of recent introduction; survey of the nodulation and nodule anatomy for indigenous and introduced species; updating the nomenclature for papilionoid taxa; seed morphological studies and external secretory structures. She would appreciate to receive legume seeds and herbarium specimens from temperate regions and will send the same from the Philippines.

Mr. J.L. BULALACAO (PNH) is studying the pollen morphology and taxonomy of the Philippine taxa.

Dr. R. GEESINK (L) is continuing his studies on *Pongamia* and related species of *Milletia*.

Dr. DING HOU (L) is continuing with the Caesalpinioideae. *Sindora* is nearly finished.

Dr. I. NIELSEN (AAU) has handed in a hefty manuscript on the Mimosoideae, except *Parkia*, which will be prepared by Dr. H. FORTUNE HOPKINS.

The publication of the Desmodieae for the Flore du Cambodge, du Laos et du Viêtنام by Drs. H. OHASHI (TUS) and P. DY PHON (P) is planned for 1992.

Ms. J.W.A. RIDDER-NUMAN (L) has finished her second look at *Spatholobus* and continued her study on its phylogeny and historical biogeography. Revisions of the related *Butea* and *Kunstleria* are nearly finished.

Ms. A.M. SCHOT (L) has finished her revision of the combined genera *Imbralyx* and *Fordia* (= *Fordia* s.l.). *Imbralyx* is monophyletic, *Fordia* s.s. paraphyletic.

Myrsinaceae — The revision for the Flore du Cambodge, du Laos et du Viêtnam has been undertaken by Dr. C.-M. HU (IBSC).

Dr. H. SLEUMER (L) has donated a large file on typification and sundry notes to the library of the Rijksherbarium for consultation by future students of the family for Malesia.

Dr. B.C. STONE (BISH) has finished revisions of *Loheria*, *Hymenandra*, and a new genus, *Systellantha*. Papers on *Tetrardisia* and a new species from the Philippines are in preparation.

A provisional working key to the species of *Ardisia* in Borneo has been prepared for testing. Interested persons may obtain a copy from Dr. B.C. STONE, Bernice P. Bishop Museum, P.O. Box 19000-A, Honolulu - Hawaii 96817, U.S.A.

In conjunction with J. PIPOLY tentative beginnings have been made on a review paper that aims to reassess the genera. Comments and data are invited.

Myrtaceae — Dr. J.W. DAWSON (WELTU) continued his revision for the Flore de la Nouvelle-Calédonie et Dépendences with the collaboration of Ms. C. TIREL (P).

Nepenthaceae — Dr. J.H. ADAM (ABD) obtained a Ph.D. in 1991 on taxonomic and ecological studies of Bornean species. He is now Lecturer in biology at the UKMS and Curator of the Herbarium.

Mr. M.R. CHEEK (K) will revise the family for the Flora Malesiana.

Mr. M. JEBB (Christensen Research Institute, Papua New Guinea) has completed a revision of the 11 species occurring in Papua New Guinea.

Nymphaeaceae — Drs. B. CONN (NSW) and S. JACOBS (CANB) visited the Central and Western Province of Papua New Guinea between 17 September and 11 October 1990 to resolve problems in the classification and nomenclature of *Nymphaea* species. One new species was discovered.

Orchidaceae — Ms. L. DAUNCEY (RU, K) is revising *Dendrobium* sect. *Pedilonum*.

Mr. U. MAHYAR (BO) is studying *Vanda*.

Mr. P. O'BYRNE (Port Moresby) is writing a book on the lowland orchids of Papua New Guinea.

Mr. J. WOOD (K) and Dr. G. SEIDENFADEN (C) are revising Holttum's 'Orchids of Malaya.'

Palmae — Mr. R.J. JOHNS (PNGUT, now K) had to stop working on *Calamus* of New Guinea because of his appointment as Head of the fern section of K.

Pandanaceae — Dr. B.C. STONE (BISH) has made a first manuscript of the family for New Caledonia.

Pentastemonaceae — Dr. R.W.J.M. VAN DER HAM (L) has started a palynological study.

Dr. B.E.E. DE WILDE-DUYFJES (L) has nearly finished her revision of the family for the Flora Malesiana.

Primulaceae — The revision for the Flore du Cambodge, du Laos et du Viêtnam by Dr. C.-M. HU (IBSC) is planned for 1991.

Proteaceae — The publication of the revision by Dr. P.H. HÖ (P) for the Flore du Cambodge, du Laos et du Viêtnam (fasc. 26) is expected this year.

Rafflesiaceae — Mr. J. KULIP (SAN) has studied the life cycle of *Rafflesia pricei*.

Rosaceae — Dr. C. KALKMAN (L) has nearly finished his revision of the family for the Flora Malesiana.

Mr. ZHANG SHUYIN (L), visiting scholar from China, is completing a wood anatomical study of the family.

Rubiaceae — Mr. R. JENKINS (OXF) is studying galls of rubiaceous ant plants, from which he is certain the tuber has evolved.

Rutaceae — Progress has been made in the Aurantioideae. Mr. E. BART (PH) is studying *Luvunga*. Dr. D. JONES (KLU) is continuing his studies of Malayan species. Dr. B. C. STONE (BISH) is preparing a treatment for the Philippines. Mr. J.-F. MOLINO (MPU) is doing a thesis on *Clausena*. Some lost types of taxa have been located in PNH, including some described by P. J. WESTER.

Sapindaceae — Dr. F. A. C. B. ADEMA (L) has started a revision of *Elattostachys* which has 10–15 species, of which several new ones at least in New Guinea.

Ms. A. BUIJSSEN (L) has started a revision of *Harpullia* and *Nephelium*.

Ms. B. H. B. ETMAN (L) will start a revision of *Rhysotoechia*.

Mr. R. K. W. M. KLAASSEN (L) has embarked on a study of the wood anatomy of the family.

Mr. H. TURNER (L) is continuing his revision of *Arytera*. There are at least 9 species in Australia.

Dr. P. C. VAN WELZEN (L) is revising *Lepidopetalum*.

Stemonaceae — Dr. B. E. E. DE WILDE-DUYFJES (L) has nearly finished her revision of the family for the Flora Malesiana.

Styracaceae — Ms. B. SVENGSUKA (Pedagogical University, Vientiane) started a revision for the Flore du Cambodge, du Laos et du Viêtnam.

Theaceae — Mr. DENG LIANG, visiting scholar from China, and Dr. P. BAAS (L) completed a wood anatomical study of the family.

Thymelaeaceae — The publication of the revision by Dr. P. H. HÔ (P) for the Flore du Cambodge, du Laos et du Viêtnam (fasc. 26) is expected this year.

Tiliaceae — Mr. K. KERENGA (LAE) is revising *Triumfetta* for Papuaia.

Verbenaceae — Dr. D. J. MABBERLEY (OXF) has started revising the New Guinea representatives and a revision for the Flore de la Nouvelle-Calédonie et Dépendences.

Winteraceae — Dr. W. VINK (L) has finished an account for the Flore de la Nouvelle-Calédonie et Dépendences.

Sundry

Mr. J. L. C. H. VAN VALKENBURG (L) embarked on a Ph.D. project on the significance of non-wood forest products in the framework of the Tropenbos Project.