

## II. PROGRESS IN MALESIAN BOTANY

*(continued from p. 123)***Ferns**

*Hymenophyllaceae* — Dr. K. Iwatsuki (TI) wishes to complete a revision before his retirement.

**Phanerogams**

*Anacardiaceae* — Ms. D. Angraeni (Genetics Lab., Institut Teknologi Bandung) is doing molecular and taxonomic research on 7 species of *Mangifera* growing in the Kebun Raya, Bogor, using molecular markers generated by Random Amplified Polymorphic DNA (RAPD).

*Annonaceae* — Mr. A. Weerasooriya and Ms. Y. Su (University of Hong Kong) have recently begun their PhD studies on the systematics of *Mitrephora* and *Pseuduvaria*, respectively.

*Apocynaceae* — Dr. A.J.M. Leeuwenberg (WAG) has more or less completed *Cerbera* and *Carissa* and will go on to revise *Chilocarpus*, *Leuconotis*, and *Melodinus*. This will leave only *Ochrosia* sensu lato in need of substantial work before the account for Flora Malesiana is finished.

Dr. D.J. Middleton (L) has completed *Alyxia* in the Flora Malesiana area with over 50 species and is now working on the species in the Pacific Islands. He then intends to revise *Kopsia*.

*Burmanniaceae* — Mr. D. Zhang (University of Hong Kong) has nearly completed a systematic study of the Old World species of *Burmannia*.

*Cornaceae* — Mr. R.C.K. Chung (KEP) will revise the family for the Tree Flora of Brunei Darussalam and the Angiosperm Flora of Singapore.

*Eriocaulaceae* — Ms. J.C.B. Teo (SINU) is revising the family for the Angiosperm Flora of Singapore.

*Erythroxylaceae* — Mr. R.C.K. Chung (KEP) has finished the revision for the Angiosperm Flora of Singapore and will soon revise it for the Tree Flora of Brunei Darussalam.

*Gesneriaceae* — Ms. M. Mendum (E) is preparing a revision of *Aeschynanthus*.

The Austrian government has granted funding to Mr. M. Möller (E) which will allow him to carry out research on the Old World *Gesneriaceae*. He will concentrate on evolutionary relationships at generic level. The project will last for two years. He will be working in close collaboration with Dr. A. Weber and M. Kiehn (WU). The starting date is not yet known. The usual pleas for material will follow.

*Illiciales* — Mr. G. Hao (University of Hong Kong) has nearly completed a study of the molecular phylogeny of the *Illiciales* (*Illicium*, *Schisandra*, and *Kadsura*).

*Myrsinaceae* — Mr. T.M.A. Utteridge (University of Hong Kong) recently completed a PhD on the systematics of *Maesa* in the Philippines and Hong Kong, including studies of floral anatomy, reproductive biology, and a global phylogenetic study based on morphological characters.

*Nepenthaceae* — Dr. M.R. Cheek (K) hopes to round off the treatment for the Flora Malesiana soon.

*Orchidaceae* — Ms. T.N. Tan (SINU) is studying the molecular systematics of *Spathoglottis*.

*Oxalidaceae* — Mr. R.C.K. Chung (KEP) has finished the revision for the Tree Flora of Brunei Darussalam. He is revising the family for the Angiosperm Flora of Singapore.

*Palmae* — Mr. A.H.B. Loo (SINU) is studying the molecular systematics of Peninsular Malaysian *Licuala*.

The Brunei Rattans CD-ROM (using the LucID program) is being tried out in K.

*Proteaceae* — Mr. R.C.K. Chung (KEP) has finished his research on Bornean *Helicia* and *Heliciopsis* for the Tree Flora of Sabah and Sarawak 3. He will now study them for the Tree Flora of Brunei Darussalam and the Angiosperm Flora of Singapore.

*Rhizophoraceae* — Ms. J.C.B. Teo (SINU) is revising the family for the Angiosperm Flora of Singapore.

*Schisandraceae* — Dr. R.M.K. Saunders (University of Hong Kong) is working on a monograph of *Schisandra*.

*Tiliaceae* — Mr. R.C.K. Chung (KEP) is continuing his PhD research on Peninsular Malaysian and Bornean species of *Grewia* and *Microcos*. Both genera can be distinguished by their gross vegetative and reproductive characters, stomata, wood anatomy, and pollen morphology. A paper on lectotypification of the Linnean species of *Grewia* has been submitted to *Taxon*. He will revise the family for the Tree Flora of Sabah and Sarawak, the Tree Flora of Brunei Darussalam, and the Angiosperm Flora of Singapore.

*Zingiberaceae* — The Bioinformatics Initiative, jointly funded by BBSRC and EPSRC has granted two years funding to E and Napier University, Edinburgh, to employ a researcher at each institution. Dr. M.F. Newman (E) will revise *Globba* for the Flora of Thailand. Overall the project aims to produce a new kind of specimen database.