

XVII. BIBLIOGRAPHY  
(continued from page 368)

Editorial note: Traditionally we have included literature references on non-vascular plants. We have, however, the impression that few, if any, are interested in this information, as we hardly ever get any reaction from scientists engaged in these fields. Cryptogamists, moreover, often give no inkling as to the distribution of their taxa, which makes the scanning of their literature a time-consuming and unrewarding business. Therefore, unless serious protests are received, and unless specialists offer their assistance in compiling the relevant literature, we intend to save ourselves space and a lot of time, and propose to delete the sub-chapters a) and b) starting with the next volume.

(a) Algae :

BROUNS, J. & F. HEIJS. Structural and functional aspects of seagrass communities and associated algae from the tropical West-Pacific. Thesis, Nijmegen, The Netherlands (Compilation of a number of articles published elsewhere). 431 pp., fig.

GARBARY, D.J. & H.W. JOHANSEN. Morphogenesis and evolution in the Amphiroideae (Rhodophyta, Corallinaceae). Br. Phycol. J. 22 (1987) 1-10, 19 fig., 1 tab. — *Amphiroa* spp., *Lithothrix aspergillum*.

HALLEGRAEFF, G.M. Taxonomy and morphology of the marine plankton diatoms Thalassionema and Thalassiothrix. Diatom Res. 1 (1986) 57-80, 48 fig., 2 tabs. — Keys; new combinations; reductions.

HEIJS, F.M.L. Qualitative and quantitative aspects of the epiphytic component in a mixed seagrass meadow from Papua New Guinea. Aq. Bot. 27 (1987) 363-383, 2 fig., 8 tab. — No differences in floristic composition of epiphytic algae on various seagrasses; biomass production.

— & J.J.W.M. BROUNS. A survey of seagrass communities around the Bismarck Sea, Papua New Guinea. Proc. Kon. Ned. Akad. Wet. C, 89 (1986) 11-44, 9 fig., 7 pl., 3 tab. — See sub Angiosperms.

HSU, P. & S. HUANG. Index to plant chromosome numbers reported in Chinese literature. Investigatio et studium naturae. Mus. His. Nat. Shangh. 1 (1986) 1-116. — 1539 counts of algae, fungi, ferns, and spermatophytes.

HUISMAN, J.M. The red algal genus Scinaia (Glaxauraceae, Nemaliales) from Australia. Phycologia 25 (1986) 271-296, 81 fig. — 7 species, some Malesian; descriptions, keys.

ITONO, H. New records of marine algae from Southern parts of Japan. Jap. J. Phycol. 34 (1986) 74-82, 5 fig. — E.g. *Bostrychia calliptera*, *Zellera tawalina*.

KOMAREK, J. & K. ANAGNOSTIDIS. Modern approach to the classification system of cyanophytes. 2. Chroococcales. Arch. Hydrobiol., Suppl. 73, 2 (1986) 157-226, 28 fig. — All unicellular cyanophytes in the single order Chroococcales with 7 families.

KRAFT, G.T. The genus Gibsmithia (Dumontiaceae, Rhodophyta) in Australia. Phycologia 25 (1986) 423-447, 69 fig. — 4 species, 3 new, G. hawaiiensis Malesian.

— The green algal genera Rhipiliopsis A. & E.S. Gepp and Rhipiliella gen. nov. (Udotaceae, Bryopsidales) in Australia and the Philippines. Phycologia 25 (1986) 47-72, 54 fig., 1 tab. — Rhipiliopsis 5 new species, 1 Philippine; Geppella, Siphonoclathrus reduced; 2 new combinations; key.

KUMANO, S. Studies on freshwater red algae of Malaysia. VI. Morphology of Batrachospermum gibberosum (Kumano), comb. nov. Jap. J. Phycol. 34 (1986) 19-24, 23 fig. — Based on Tuomeya gibberosa; description; in sect. Contorta.

— & L.M. LIAO. A new species of the section Contorta of the genus Batrachospermum (Rhodophyta, Nemalionales) from Nonoc Island, the Philippines. Jap. J. Phycol. 35 (1987) 99-105, 19 fig., 1 map.

MAIRH, O.P., U. SOE-THUN & M. OHNO. Culture of Eucheuma striatum (Rhodophyta, Solieriaceae) in sub-tropical waters of Shikoku, Japan. Bot. Marina 29 (1986) 185-191, 4 fig., 6 tabs. — Transplanted from the Philippines.

NORRIS, R.E. Lenormandiopsis (Rhodomelaceae), newly recorded from Africa, with a description of L. nozawae sp. nov. and comparison with other species. Jap. J. Phycol. 35 (1987) 81-90, 15 fig.

— The systematic position of Gelidiopsis and Ceratodictyon (Gigartinales, Rhodophyceae), genera new to South Africa. S. Afr. J. Bot. 53 (1987) 239-246, 13 fig. — Gelidiopsis = Ceratodictyon, 5 new combinations.

NOZAKI, H. A taxonomic study of Pyrobotrys (Volvocales, Chlorophyta) in anaerobic pure culture. Phycologia 25 (1986). — 4 species studied, 1 new comb., 1 Malesian; key to all 11 species.

PATIL, M.S. Studies in Pyrenomycetes of Maharashtra. III. Genus Diatrypella. Ind. Phytopath. 38 (1985) 230-233, 3 fig. — 7 species, 1 new, 1 Malesian.

PHANG, S.-M. Seaweeds of Cape Rachado, Port Dickson. Nat. Malays. 10/2 (1985) 16-25, many col. phot.

PODZORSKI, A.C. & H. MIKANSSON. Freshwater and marine diatoms from Palawan. Bibl. Diatom. 13 (1987) 245 pp., 55 pl., 3 maps. — 74 genera, 348 species, most new records; new species in Amphora (2), Anomoeoneis (1).

PRASAD, B.N. & M.N. SRIVASTAVA. Studies on the fresh-water Cyanophyceae of Andaman and Nicobar Islands. I: Chroococcales. Nova Hedw. 43 (1986) 229-247, 1 pl. (map). — 18 taxa, all new records; diagnoses.

\*PRESCOTT, G.W. Bibliographia desmidacearum universalis. Koeltz Scientific Books, Koenigstein. 1984. ISBN 3-87429-215-0. vii + 612 pp. — A most important bibliography of desmid systematics, biology, and ecology from 1774 to 1982; bibliography by author; cross references by subject.

SARMA, P. The freshwater Chaetophorales of New Zealand. Beih. Nova Hedw. 58 (1986) xii + 169 pp., 143 pl., 16 maps. — Worldwide survey of taxonomic literature; several species Malesian; keys; descriptions; excellent work.

STOSCH, H.A. VON. Some diatoms from the Australian region, especially from Port Philip Bay and tropical North-eastern Australia. Brunonia 8 (1985) 293-348, 24 fig. — Some also Malesian, e.g. *Pseudoguinardia recta*, gen. & sp. nov.

— Some marine diatoms from the Australian region, especially from Port Philip Bay and tropical North-eastern Australia. II. Survey of the genus Palmeria and of the family Lithodesmiaceae including the new genus Lithodesmioides. Brunonia 9 (1986) 29-87, 234 fig. — 7 new taxa; keys; descriptions.

UMEZAKI, I. & B. MODELO Jr. The marine blue-green algae in the Visayas of the Philippines. J. Jap. Bot. 62 (1987) 104-116, 2 fig. — 7 families, 26 genera, 51 species.

VELASQUEZ, G.T. History of phycology in the Philippines. Part I. Philip. J. Sc. 114 (1985) 247-250.

WEE, Y.C. Mangrove algae. Wallaceana 46 (1986) 13-16, 1 fig., 1 tab. — List of genera.

WOELKERLING, W.J. The genus *Choreonema* in Southern Australia and its subfamilial classification within the Corallinaceae (Rhodophyta). Phycol. 26 (1987) 111-127, 25 fig., 1 tab. — Monotypic, new subfamily; morphology, anatomy; survey and diagnoses of subfamilies.

#### (b) Fungi & Lichens :

ARX, J.A. VON, J. GUARRO & M.J. FIGUERAS. The Ascomycete genus *Chaetomium*. Beih. Nova Hedw. 84 (1986) 1-162, 62 fig., 92 pl. — Key; diagnoses; authors have not bothered to give distributions: extraction of Malesian species, if any, impossible.

AWASHTI, G. Lichen genus *Usnea* in India. J. Hattori Bot. Lab. 61 (1986) 333-421, 96 fig., 1 tab. — Revision of genus sensu Krog; 54 species, at least some Malesian, 9 new; key; descriptions; index.

BENJAMIN, R.K. Laboulbeniales on semiaquatic Hemiptera. V. Triceromyces: with a description of monoecious-dioecious dimorphism in the genus. Also 11 (1986) 245-278, 88 fig. — 6 species, 4 new, 2 Philippine; key; descriptions.

BERTHIER, J. Les Physalaciaceae du globe (Hyménomycétales clavarioïdes). Bibl. Mycol. 98 (1985) 1-128, 24 pl. — 36 species, 3 new, some Malesian ones of Hormomitaria, Physalacria; keys to genera and species; descriptions.

BI, Z.-S., T.-H. LI & G.-Y. ZHENG. A preliminary study on the genus Psathyrella from Guangdong Province of China. Guihaia 7 (1987) 23-27, 1 fig. (In Chinese, brief English summary). — 17 species, 1 new, 15 new records.

BLACKWELL, M. & W. ROSSI. Biogeography of fungal ectoparasites of termites. Mycotaxon 25 (1986) 581-601, 5 maps, 1 tab. — 20 species, some Malesian: Antennopsis gayi, Laboulbeniopsis termitarius, Termitaria thaxteri.

BURGESS, L.W. & D. TRIMBOLI. Characterization and distribution of Fusarium nygammæ, sp. nov. Mycologia 78 (1986) 223-229, 13 fig. (1 map). Mycologia 78 (1986) 223-229, 13 fig. (1 map). — Found e.g. in Thailand, Queensland, New South Wales on roots of grain sorghum, maize, sugarcane, etc.; intermediate between sections Elegans and Liseola; correct spelling 'nygamae'!

CANNON, P.F. A revision of Achaetomium, Achaetomiella and Subramaniula, and some similar species of Chaetomium. Trans. Brit. Mycol. Soc. 87 (1986) 45-76, 14 fig. — 2 Malesian taxa, 1 new combination.

CARRANZA-MORSE, J. & R.L. GILBERTSON. Taxonomy of the Fomitopsis rosea complex (Aphyllophorales; Polyporaceae). Mycotaxon 25 (1986) 469-486, 14 fig. & maps. — 7 species, 3 Malesian, 1 new combination; key; descriptions.

CHOWDHURY, K.N.R. Addition to the Thelotremae (Lichens) from India. J. Econ. Tax. Bot. 5 (1984) 1199-1200, 1 fig. — Also 3 Malesian species.

CORNER, E.J.H. The tropical complex of Mycena pura. Trans. Bot. Soc. Edinburgh, Suppl. (1986) 61-67, 1 fig., 1 tab. — 1 Malesian species.

— The agaric genus Panellus Karst. (including Dictyopanus Pat.) in Malaysia. Gard. Bull., Singapore 39 (1986) 103-147, 29 fig. — 2 new subgenera, 27 species (19 new).

DAVID, A. & M. RAUCHENBERG. A reevaluation of Wrightoporia and Amylonotus (Aphyllophorales, Polyporaceae). Can. J. Bot. 65 (1987) 202-209. — Synonymous; key to 14 species, at least 2 Malesian, 3 new.

DE, A.B. Taxonomy of Polyporus bicolor Jungh. in relation to its morphological and anatomical characters. Int. J. Mycol. Lichenol. 3 (1986) 85-90. — Transferred to Scenidium, S. bicolor; description.

- *Stecchericium seriatum* (Lloyd) Maas Geesteranus — a new record for India. Curr. Sc. 55 (1986) 319-320, 2 fig. — Second collection after the type from N. Borneo.
- DEIGHTON, F.C. New species of Pseudocercospora and Mycovellosiella, and new combinations into Pseudocercospora and Phaeoramularia. Trans. Br. Mycol. Soc. 88 (1987) 365-391, 18 fig. — Pseudocercospora homalanthi from Papua New Guinea.
- ELIX, J.A. & J. JOHNSTON. New species of Relicina (lichenized Ascomycotina) from Australasia. Mycotaxon 26 (1986) 611-616, 6 fig. — 2 new from New Guinea, 1 from Fiji.
- & P.M. ARMSTRONG. A revision of the lichen genus Xanthoparmelia in Australasia. Bull. Br. Mus. (Nat. Hist.), Bot. 15 (1986) 163-362, 42 fig., 117 maps. — Keys, descriptions of 117 species, 3 in New Guinea, 30 new.
- GJAERUM, H.B. Rust fungi (Uredinales) from Cape Verde Islands. Bot. Macaron. 12-13 (1984) 123-138, 1 fig. — 23 species, some Malesian; synonymy; brief notes.
- GONZALEZ, M.S. & N. PONS. Revision taxonomica de las especies de Phyllosticta sobre manihot. Ernstia 37 (1986) 30-40, fig. 4-7, 1 tab. — Phyllosticta manihoticola from the Philippines is a true Phyllosticta.
- GOOS, R.D. A review of the anamorph genus Helicoma. Mycologia 78 (1986) 744-761, 35 fig., 4 tab. — 4 (new) sections, 32 species, 1 new combination in Trochophora; keys, diagnoses.
- Fungi with a twist: the helicosporous Hyphomycetes. Mycologia 79 (1987) 1-22, 28 fig., 5 tabs. — Introduction; history; key to genera; generic diagnoses.
- GUO, Z.-T. Stereaceae in China (I). Bull. Bot. Res. N.-E. For. Univ. Harbin 6 (1986) 73-92, 2 fig. (In Chinese). — 1 new species, 1 new variety; keys.
- HANLIN, R.T. Beniowskia and its synonym Clathrotrichum. Mycotaxon 28 (1986) 219-231, 17 fig. — Genus monotypic.
- HENSSEN, A. The genus Paulia (Lichenaceae). Lichenol. 18 (1986) 201-229, 14 fig., 1 tab. — 8 species, 4 new; all on limestone; key; descriptions.
- HOOG, G.S. DE, M.T. SMITH & E. GUEHO. A revision of the genus Geotrichum and its teleomorphs. Studies Mycol. 29 (1986) 1-131, 32 fig., many tabs. — 23 species, 6 new; checklist of 192 names in Dipodascus, Endomyces, Geotrichum.
- HSU, P. & S. HUANG. Index to plant chromosome numbers reported in Chinese literature. Investigatio et studium naturae. Mus. His. Nat. Shangh. 1 (1986) 1-116. — 1539 counts of algae, fungi, ferns, and spermatophytes.

HUIZAR, H.E. & J.M. ARONSON. Aspects of cellulose deposition and chitin biosynthesis in the Leptomitaceae. Mycol. 78 (1986) 489-492, 4 fig., 1 tab.

HUMBER, R.A. & M.C. ROMBACH. Torrubiella ratticaudata sp. nov. (Pyrenomycetes: Clavicipitales) and other fungi from spiders on the Solomon Islands. Mycologia 79 (1987) 375-382, 4 fig. — Gibellula clavulifera var. alba is anamorph; Gibellula includes Granulomanus, 1 new combination.

HYDE, K.D. & B.D. BORSE. Marine fungi from Seychelles. V. Biatriospora marina gen. et sp. nov. from mangrove wood. Mycotaxon 26 (1986) 263-270, 8 fig. — Also in Brunei.

KASHIWADANI, H. Genus Ramalina (Lichens) in Japan (2). On Ramalina pacifica Asah., and its allies. Bull. Nat. Sc. Mus., Tokyo B, 12 (1986) 117-125, 3 fig. — Differences between R. pacifica and R. nervulosa (2 races in Malesia).

KISS, T. The life-strategy system of lichens. A proposal. Abstr. Bot. 9 (1985) 59-66. — Codification of life forms and growth types for use in succession and air pollution studies.

KOHLMEYER, J. & B. VOLKMANN-KOHLMEYER. Marine fungi from Aldabra, the Galapagos, and other tropical islands. Can. J. Bot. 65 (1987) 571-582, 23 fig. (incl. maps). — Map of Cytopsora rhizophorae.

— Reflections on the genus Corollospora (Ascomycetes). Trans. Br. Mycol. Soc. 88 (1987) 181-188, 5 fig. — Key to the species.

KORUKAWA, S. Chemical variation in the Parmelia phycioides group (Lichenes). J. Jap. Bot. 61 (1986) 257-267, 1 fig. — 6 species, at least 1 Malesian; evolution; synonym.

— Further notes on Parmelia (Parmeliaceae) of Papua New Guinea. Ann. Tsukuba Bot. Gard. 5 (1986) 15, 5 fig. — 2 new species, 7 new records; 69 species, distribution, key.

LEE, Y.-B. & T. MAJEWSKI. Three new species of Laboulbeniales (Ascomycetes) from Malaysia. Mycologia 78 (1986) 401-406, 10 fig.

LOUIS, I. & E. SCOTT. In vitro synthesis of Mycorrhiza in root organ cultures of a tropical Dipterocarp species. Trans. Brit. Mycol. Soc. 88 (1987) 565-568, 6 fig. — Rhodophyllus sp. on Shorea roxburghii, also in ectendomycorrhizal relationship.

MAJEWSKI, T. & K. SUGIYAMA. Notes on the Laboulbeniomycetes (Ascomycotina) of Borneo. IV. Trans. Mycol. Soc. Japan 27 (1986) 425-439, 17 fig. — 11 species, 4 new, on Coleoptera.

- MANOCH, L., S. TOKUMASU & K. TUBAKI. A preliminary survey of microfungal flora of pine leaf litter in Thailand. Trans. Mycol. Soc. Japan 27 (1986) 159-165, 2 tab.
- MELNIK, V.A. System of Coelomycetes class. Mycol. & Phytopath. U.S.S.R. 20 (1986) 101. — New suborders (4), families (4), all diagnosed with 3 words each!
- \*MOORE, D., L.A. CASSELTON, D.A. WOOD & J.C. FRANKLAND (Eds.). Developmental biology of higher fungi. Cambridge Univ. Press (1985) xii + 615 pp., ill. — Partial proceedings of the April 1984 Symposium, Manchester.
- MOSER, M. Cortinarius Fr. subgen. Cortinarius in the SW-Pacific area. Sydowia 39 (1986) 138-147, 3 fig. — 5 species, 4 new; key.
- MUTHUMARY, J. Heteropatella indica Muthumary sp. nov. from India. Curr. Sc. 55 (1986) 250-252, 1 fig. — On Eugenia jambolana in Madras.
- NAGARKAR, M.B., P.K. SETHY & P.G. PATWARDHAN. Materials for a lichen flora of the Andaman Islands. I. Mycotaxon 26 (1986) 71-82, 18 fig. — 18 species of Thelotremales, 3 new, 4 new for India.
- NAAWAI, A. Aquatic hyphomycetes and other water-borne fungi from Malaysia. Mal. Nat. J. 39 (1985) 75-134, 98 fig., 11 pl., 1 tab. — 56 species of Hyphomycetes and conidial Basidiomycetes belonging to 35 form genera discussed.
- Clavariopsis azlanii sp. nov., a new aquatic hyphomycete from Malaysia. Trans. Br. Mycol. Soc. 88 (1987) 428-432, 2 fig. — Also known from Cuba and Jamaica.
- Diplocladiella appendiculata sp. nov., a new aero-aquatic Hyphomycete. Mycotaxon 28 (1987) 297-302, 2 fig. — From Malaysia; key.
- NAWAZ, M.S. & W.M. HESS. Ultrastructure of Neovossia horrida teliospores. Mycologia 79 (1987) 173-179, 16 fig.
- OLDRIDGE, S.G., D.N. PEGLER, D.A. REID & B.M. SPOONER. A collection of fungi from Pahang and Negeri Sembilan (Malaysia). Kew Bull. 41 (1986) 855-872, 2 fig., 1 map. — 28 species briefly described, 1 new, 2 new combinations.
- ONO, Y. Morphological variation, geographic distribution, and taxonomy of Puccinia violae and morphologically related species. Trans. Mycol. Soc. Japan 27 (1986) 175-196, 28 fig., 1 tab. — 9 taxa, 1 New Guinea.
- PAUL, Y.S. & J.N. KAPOOR. Taxonomy of anamorphs of Erysiphaceae. Ind. Phytopath. 38 (1985) 761-763, 1 fig. — Oidium sect. Euoidium and Pseudoidium elevated to Euoidium and Pseudoidium.

\*PARMASTO, E. Preliminary list of Vietnamese Aphyllophorales and Polyporaceae s. str. Acad. Sc. Estonian S.S.R., Institute of Zoology and Botany. 1986. 88 pp.

PETERSEN, R.H. & M. ZANG. New or interesting clavarioid fungi from Yunnan, China. Acta Bot. Yunn. 8 (1986) 281-294, 9 fig. — E.g. *Multiclavula fossicola*.

PHANICHAPOL, D. Ascomycetes from Northern Thailand. Thai For. Bull., Bot. 16 (1986) 237-241. — 12 Pyrenomycetes, 22 Discomycetes, in all 25 new for Thailand.

— Check-list of some Aphyllophorales from Northern Thailand. Thai For. Bull., Bot. 16 (1986) 230-232. — 154 species, 116 new for Thailand.

— Some Gasteromycetes from Northern Thailand. Thai For. Bull., Bot. 16 (1986) 233-236. — 11 species, 8 new for the area.

PONS, N. Notes on Mycosphaerella fijiensis var. difformis. Trans. Br. Mycol. Soc. 89 (1987) 120-124, 3 fig. — Variety reduced.

RAJCHENBERG, M. & J.E. WRIGHT. Type studies of Corticiaceae and Polyporaceae (Aphyllophorales) described by C. Spegazzini. Mycologia 79 (1987) 246-264, 10 fig.

RAMBELLINI, A. A bibliographic reassessment of the genus Chaetopsina. Mic. Ital. 16 (1987) 7-13. — *Cryptophiale secunda* neither a *Cryptophiale*, nor a *Chaetopsina*, possibly a *Zanclospora*.

REID, D.A. New or interesting records of Australasian Basidiomycetes. VI. Trans. Br. Mycol. Soc. 86 (1986) 429-440, 5 fig. — New genera (2) and species (5); *Radiigera* so far American: *R. asperata*, *R. termitariicola* from Christmas Isl. (Indian Ocean).

ROGERS, R.W. The genus Pyxine (Physciaceae, lichenized Ascomycetes) in Australia. Austr. J. Bot. 34 (1986) 131-154, 28 fig. & maps, 2 tabs. — 15 species, 1 new, 1 new combination for a Malesian species; key; descriptions.

ROMBACH, M.C., R.A. HUMBER & D.W. ROBERTS. Metarhizium flavoviride var. minus, var. nov., a pathogen of plant- and leafhoppers on rice in the Philippines and Solomon Islands. Mycotaxon 27 (1986) 87-92, 2 fig., 1 tab.

SETHY, P.K., M.B. NAGARKAR & P.G. PATWARDHAN. Materials for a lichen flora of the Andaman Islands. III. Mycotaxon 28 (1986) 191-198, 12 fig. — 12 species of Thelotremaeaceae, 3 new, 2 new for India.

SHARMA, M.P. Indian Hyaloscyphaceae. Nova Hedw. 43 (1986) 381-422, 4 fig. — 18 genera, 76 species; historical review; host range, trophic levels, occurrence, distribution, collector's list; some new species, combinations.

- SHERWOOD-PIKE, M.A. The ostropalean fungi. III: the Odontotremataceae. Mycotaxon 28 (1986) 137-177, 15 fig. — Description of the family; key to 9 genera; Stromatothecia (parasite on Nothofagus brassii group) Malesian; Odontotrema revised (9 species).
- SHETTY, S.A. & H.S. SHETTY. Role of *Panicum trypheron* in annual recurrence of false smut in rice. Trans. Br. Mycol. Soc. 88 (1987) 409-411, 1 fig. — The *Panicum* is the host of *Ustilaginoidea virens* between rice harvests.
- SIPMAN, H.J.M. Additional notes on the lichen family Megalosporaceae. Willdenowia 15 (1986) 557-564, 2 maps. — E.g. 2 species of Malesian Megalospora.
- Notes on the lichen genus *Everniastrum* (Parmeliaceae). Mycotaxon 26 (1986) 235-251, 3 fig., 1 tab. — Differences with *Cetrariastrum*; names validated; new combinations.
- SIVANESAN, A. Telimena, Telimenopsis, and a new ascomycete genus Telimenochora of the Phyllachorales. Trans. Brit. Mycol. Soc. 88 (1987) 473-477, 4 fig. — *Telimenopsis* reduced to *Telimena*.
- STENROOS, S. The family Cladoniaceae in Melanesia. 1. Cladonia sect. Unciales. Ann. Bot. Fenn. 23 (1986) 161-164, 2 fig. — 2 species, 1 new.
- STEVENS, G.N. The lichen genus Ramalina in Australia. Bull. Br. Mus. (Nat. Hist.), Bot. 16 (1987) 107-223, 31 fig., 15 pl., 8 tab. — 28 taxa (5 Malesian), 4 new, 20 species, 4 new combinations; key; descriptions; distributions; origin.
- \*STREIMANN, H. Catalogue of the lichens of Papua New Guinea and Irian Jaya. Bibl. Lichen. 22 (1986) 145 pp., ill.
- SUGIYAMA, K. & T. MAJEWSKI. The Laboulbeniomycetes (Ascomycetes) of Peninsular Malaysia. II. Trans. Mycol. Soc. Jap. 26 (1985) 449-462. — 16 species, 1 new.
- ULKEN, A. Estimation of Thraustochytrid propagules in two mangrove swamps. Bot. Marina. 29 (1986) 85-89, 3 fig., 6 tabs. — One species in Malaysia.
- Vorläufige Untersuchungen zu Vorkommen und Ernährung niedere Pilze aus Mangrovesumpfen von Malaysia. Nova Hedw. 43 (1986) 539-546, 3 fig., 3 tab. — Physiological study of *Schizochytrium* sp.
- UPRETI, D.K. & A. SINGH. A new species of Porina from the Andaman Islands, India. Bot. J. Linn. Soc. 94 (1987) 399-402, 2 fig.
- VANKY, K. The genus Dermatosorus (Ustilaginales). Trans. Br. Mycol. Soc. 89 (1987) 61-65, 5 fig. — Zundelula included, 2 new combinations, key; descriptions.

VANKY, K. The genus Moesziomyces (Ustilaginales). Nord. J. Bot. 6 (1986) 67-73, 6 fig. — Smut fungi formerly included in *Tolysporium*; 2 species, 1 new combination; key; synonymy; descriptions; 1 on Gramineae; to be expected in Malesia.

VEZDA, A. Neue Gattungen der Familie Lecideaceae s. lat. (Lichenes). Folia Geobot. Phytotax. 21 (1986) 199-219, 5 fig. — *Lasioloma* in Ectolechiaceae; key to its genera; many new combinations; *Bilimbia elegans* = *Badimia elegans*.

WU, C.-G. & Z.-C. CHEN. The Endogonaceae of Taiwan. I. A preliminary investigation on Endogonaceae of bamboo vegetation at Chi-Tou areas, Central Taiwan. Taiwania 31 (1986) 65-87, 39 fig., many in color. — 14 species, 7 new records, 6 unidentified, 2 new; diagnoses.

ZANG, M. Notes on the Boletales from Eastern Himalayas and adjacent of China. Acta Bot. Yunn. 7 (1985) 383-401, 2 fig. (In Chinese). — Keys to families, genera, species (several new).

— Notes on the Boletales from Eastern Himalayas and adjacent of China. Acta Bot. Yunn. 8 (1986) 20-22 (In Chinese). — Keys; 10 new species; also Java.

#### (c) Bryophytes :

AKIYAMA, H. Bryophyte flora. In M. KATO (Ed.), Taxonomic studies of the plants of Seram Island (q.v.) (1986): 36-74. — List; 8 new records; many species identified with numbers only; some tentative keys.

ALLEN, B.H. Notes on the Dicnemonaceae (Musci): II. The status of *Dicnemon rugosum* and *Werneribryum geluense*. J. Hattori Bot. Lab. 61 (1986) 273-280, 2 fig. — *Werneribryum geluense* = *Dicranoloma geluense*.

BARTLETT, J.K. Some mosses of Rarotonga, Cook Island Group. J. Bryol. 14 (1986) 359-362. — 50 taxa.

— & D.H. VITT. A survey of species in the genus *Blindia* (Bryopsida, Seligeriaceae). N. Zeal. J. Bot. 24 (1986) 203-246, 58 fig., 3 tabs. — 16 species, 3 new, 1 in New Guinea, some rheophytic; revision; key; descriptions; maps.

BISCHLER, H. Geographic variation and species structure in *Marchantia paleacea* Bertol. Hikobia 9 (1986) 345-351, 2 fig., 2 maps, 1 tab.

CRUM, H. A survey of the moss genus *Sclerodontium*. Hikobia 9 (1986) 289-295, 9 fig. — 2 species, 1 new subsp. for Celebes; key; descriptions.

DEGUCHI, H. Notes on some Asian species of *Grimmia*. Hikobia 9 (1986) 327-329. — 6 species discussed, 3 Malesian.

- FRAHM, J.-P. The ecological significance of the coastal anatomy in the genus Campylopus. Abstr. Bot. 9, Suppl. 2 (1985) 159-169, 12 fig.
- GIESE, M. & J.-P. FRAHM. A revision of Microcampylopus (C. Mull.) Fleisch. Lindbergia 11 (1986) 114-124, 50 fig., incl. 1 map. — 3 species, 2 Malesian, 3 new combinations.
- A revision of Campylopidium (C. Mull.) Besch. Lindbergia 11 (1986) 125-133, 43 fig., incl. 1 map. — 2 species, 1 new combination.
- GROLLE, R. Miscellanea hepaticoga 214-250. J. Hattori Bot. Lab. 61 (1986) 249-255. — 242: Acroscyphella found in Queensland, a new generic record. — 243: Nomenclature of Heteroscyphus tridentatus (Mitt.) Engel & Schust., non (Sde. Lac.) Grolle. — 246: Drepanolejeunea comptonii = Lejeunea exilis.
- & S. PIIPPO. Bryophyte flora of the Huon Peninsula, Papua New Guinea. XVI. Pallaviciniaceae (Hepaticae). Acta Bot. Fenn. 133 (1986) 59-79, 7 fig. (1 map). — 3 subfamilies, 5 genera (1 new), 9 species (2 new, 2 new combinations); Symphyogyna undulata new for PNG; keys; synonymy; typification; descriptions; distribution; index.
- HASEGAWA, J. A collection of the Anthocerotae from Seram and Ambon. Acta Phytotax. Geobot. 37 (1986) 9-15, 3 fig. — 9 species, 1 new Dendroceros.
- The Anthocerotae collected by Drs. Z. Iwatsuki and N. Kitagawa in New Caledonia and Fiji. J. Hattori Bot. Lab. 60 (1986) 379-390, 5 fig. — Some Malesian, 2 new combinations.
- & B.C. TAN. Notothylas breutelii, a Caribbean species newly found in the Philippines. J. Bryol. 14 (1986) 249-253, 2 fig. — Description.
- HATTORI, S. A synopsis of New Caledonian Frullaniaceae. J. Hattori Bot. Lab. 60 (1986) 203-237, 11 fig., 1 tab. — Many Malesian; keys; some descriptions.
- Frullania collections made by Mr. H. Akiyama on Seram Island. J. Hattori Bot. Lab. 60 (1986) 239-253, 4 fig., 1 tab. — 27 taxa, 6 new; strongest floral affinity with New Guinea.
- Notes on the Asiatic species of the genus Frullania, Hepaticae. XIV. Bull. Nat. Sc. Mus., Tokyo, B, 12 (1986) 127-138, 5 fig. — 3 new species, 2 Malesian.
- & P.-J. LIN. A preliminary study of Chinese Frullania flora. J. Hattori Bot. Lab. 59 (1985) 123-169, 6 fig., 1 tab. — Key to 70 species, 4 new.
- & S. PIIPPO. Bryophyte flora of the Huon Peninsula, Papua New Guinea. XV. Frullaniaceae (Frullaniaceae, Hepaticae). Acta Bot. Fenn. 133 (1986) 25-58, 11 fig. — 54 species, 7 new taxa, 1 new name, 2 new combinations; 2 new

records for PNG; synonymy, distribution, ecology, altitudinal ranges, index; absence of descriptions and general key make this survey much less useful.

— & H. STREIMANN. A collection of Frullania from Papua New Guinea. J. Hattori Bot. Lab. 59 (1985) 101-121, 8 fig. — Keys and notes on some 70 species, several new.

HEGEWALD, E. & B.O. VAN ZANTEN. A list of bryophytes from Bali (Indonesia) collected by E. & P. Hegewald in 1981. J. Hattori Bot. Lab. 60 (1986) 263-269, 1 map. — 78 mosses, 17 hepatics, most new records; 1 new combination in *Trachypus*.

HIGUCHI, M. A taxonomic revision of the genus Gollania Broth. (Musci). J. Hattori Bot. Lab. 59 (1985) 1-77, 36 fig., 7 tabs. — Key to 17 species.

— & S. INOUE. A cytotaxonomic study of the moss genus Gollania (preliminary report.) Hikobia 9 (1986) 491-494, 16 fig., 2 tabs. — 6 species counted.

HYVONEN, J. Bryophyte flora of the Huon Peninsula, Papua New Guinea. XVIII. Polytrichaceae and Buxbaumiaceae (Musci). Acta Bot. Fenn. 133 (1986) 107- 149, 23 fig. — Polytrichaceae (9 genera, 22 species), Buxbaumiaceae (2/3); no novelties; keys; descriptions; *Oligotrichum javanicum* new for PNG; index.

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— Notes on the Plagiochilaceae. XIII. Review of the genus Plagiochila (Dum.) Dum. in mainland Australia. J. Hattori Bot. Lab. 60 (1986) 357-378, 6 fig., 2 tabs. — Some species Malesian.

— Studies on Taiwan Hepaticae. VI. Schistochilaceae. Bull. Nat. Sc. Mus., Tokyo B, 11 (1985) 109-118, 3 fig. — 2 genera, 5 species (4 also Malesian); key; synonymy.

ISOVIITA, P. Cryptogonium replaces Pursellia (Musci, Pterobryaceae). J. Hattori Bot. Lab. 60 (1986) 451-453.

KOPONEN, T. & D.H. NORRIS. Bryophyte flora of the Huon Peninsula, Papua New Guinea. XVII. Grimmiaceae, Racopilaceae and Hedwigiaceae (Musci). Acta Bot. Fenn. 133 (1986) 81-106, 13 fig. — Grimmiaceae (3 genera, 4 species), Racopilaceae (2/7), Hedwigiaceae (1/2); no novelties; keys; descriptions; index.

KOPONEN, T., A. TOUW & D.H. NORRIS. Bryophyte flora of the Huon Peninsula, Papua New Guinea. XIV. Rhizogoniaceae (Musci). Acta Bot. Fenn. 133 (1986) 1-24, 10 fig. (1 map). 4 genera, 9 species; *Bryoacantholoma* = *Spiridens* (*reinwardtii*); *Hymenodon parvulus* = *Powellia parvula*, comb. nov.; *Bryobrothera crenulata* new for W. Melanesia, S.E. Asia; keys; descriptions; index.

KRUIJT, R.C., G.J. NIEMANN, C.G. DE KOSTER & W. HEEREMA. Flavonoids and aromatic hydroxy acids in Lejeuneaceae subfamily Ptychanthoideae (Hepaticae). Crypt., Bryol., Lichén. 7 (1986) 165-171, 1 fig. — 22 species, 3 from Papua New Guinea.

KUMAR, S.S. Taxonomic studies in West Himalayan mosses. II. The genus Trematodon. Nova Hedw. 42 (1985) 9-18, 4 pl. — 45 species, 2 Malesian; key.

LOU, J.-S. & T. KOPONEN. A revision of Atrichum (Musci, Polytrichaceae) in China. Ann. Bot. Fenn. 23 (1986) 33-47, 7 fig. & maps. — 5 species; reductions; typifications.

MILLER, H.A. Pacific bryophytes: 3. An overview of Telaranea, Hepatophyta. J. Bryol. 14 (1986) 231-244, 4 fig. — 18 species, 3 new; key.

MIZUTANI, M. Lejeuneaceae from Seram Island, Indonesia. J. Hattori Bot. Lab. 61 (1986) 299-308. 22 genera (1 new), 84 species (1 new).

— Notes on the Lejeuneaceae. 10. Some Asiatic species of the genus Lopholejeunea. J. Hattori Bot. Lab. 59 (1985) 469-480, 7 fig. — Notes and descriptions of 5 species.

— Notes on the Lejeuneaceae. 11. Cololejeunea spinosa and its related species in Japan. J. Hattori Bot. Lab. 60 (1986) 439-450, 6 fig. — Description; keys; 1 species Malesian.

— Notes on the Lejeuneaceae. 12. Mastigolejeunea humilis and its related species from Asia. J. Hattori Bot. Lab. 61 (1986) 281-297, 8 fig. — 7 Malesian species, 1 new; descriptions; keys.

— & C.-C. KUANG. A preliminary study of Chinese Lepidoziaceae flora. J. Hattori Bot. Lab. 60 (1986) 419-437, 2 fig. — Keys; some species Malesian.

— & S. PIIPO. Some species of Lejeuneaceae from New Guinea. J. Hattori Bot. Lab. 61 (1986) 477-485, 3 fig. — 3 new species; keys; descriptions; *Thysananthus appendiculatus* distinguished from *Th. spathulistipus*.

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— Two new species of Distichophyllum from Malaya. J. Bryol. 14 (1986) 327-331, 2 fig., 2 tabs.

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- NOGUCHI, A. Notulae bryologicae. XII. J. Hattori Bot. Lab. 60 (1986) 149-158, 6 fig. — E.g. *Calyptothecium tenuinerve* reduced to *C. crispulum*, *C. caudatum* to *C. ramosii*.
- Notulae bryologicae. XIII. J. Hattori Bot. Lab. 61 (1986) 257-268, 8 fig. — *Jaegerina luzonensis* new for Papua New Guinea; *Calyptothecium alare* = *Pterobryopsis alaris*; 1 new species in *Meteoriom*, *Meteoriopsis* in New Guinea; *Daltonia perlaxiretis* = *D. aristifolia*.
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- Bryophytes from Frieda River, East and West Sepik Provinces, Papua New Guinea. II. Hepaticae (Haplomitriaceae - Frullaniaceae). Ann. Bot. Fenn. 23 (1986) 1-10, 4 fig. — 71 species, 2 new; *Schistochila* 1 new section; new records.
- RAMSAY, H.P. & D.H. VITT. The Macromitrium complex in Australasia (Orthotrichaceae: Bryopsida). Part III. Cytotaxonomy. J. Hattori Bot. Lab. 61 (1986) 1-43, 82 fig.
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- & B.C. TAN. Syrrhopodon burmensis, the correct name for Syrrhopodon robustiusculus (Musci: Calymperaceae). Taxon 35 (1986) 693-694. — Incl. *Calymperes saigonense*, *C. ramosii*, *C. svihlae*, *C. calcuttense*.
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- Haarmosdwer ges in het oerwoud. Buxbaumiella 18 (1 July 1986) 37-38 (In Dutch). — Summary of preceding article.
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- The genus Hypolepis Bernh. in India. J. Econ. Tax. Bot. 7 (1985) 111- 124, 8 fig. — Key to 8 species, 6 new.
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- BOGNER, J. One new name and five new combinations in Araceae. Aroideana 8 (1986) 73-79, 7 fig. — Diandriella reduced to Homalonema.
- & N. JACOBSEN. Cryptocoryne elliptica Hooker f. Aqua-Planta 11 (1986) 48-50, 3 col. phot. — Details on this species from Malaya.
- BOLAND, D.J. & M. SEDGLEY. Stigma and style morphology in relation to taxonomy and breeding systems in Eucalyptus and Angophora. Austr. J. Bot. 34 (1986) 569-584, 29 fig., 3 tabs. — 96 species studied, incl. E. deglupta, E. papuana; useful at sectional and intergeneric level.
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- BRIMACOMBE, J. Does medicine need the tropical forests? Lancet (8 March 1986) 549. — The author and Dr. S.D. Elliott, a doctor and a botanist, respectively, collected for 6 weeks data on medicinal plants in the Leusir Nature Reserve, N. Sumatra, assisted by local dukuns. Based at Ketambe, Gumpang, and Marpunga, they assembled local medicines of 200 different plant species.

They came to the conclusion that the forest contains many treasures, several unknown to modern medicine, and plead for forest conservation. (See also Elliot & Brimacombe, below.

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\*BROWN, B.F. Florida's beautiful Croton. Undersea Press, Eau Gallie, Florida (1960) 143 pp. — *Codiaeum variegatum*.

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CALUMPONG, H.P., S.G. MEDALLA & E.G. MENEZ. Taxonomy and distribution of seagrasses in the Western coast of the Gulf of Davao, Southern Philippines. Philip. J. Sc. 114 (1985) 69-85, 10 fig. — Key to 9 species; diagnoses; ecology.

CARLQUIST, S. & D.A. HOEKMAN. Wood anatomy of Myoporaceae: ecological and systematic considerations. Also 11 (1986) 317-334, 25 fig., 1 tab. — Related with Gesneriaceae, Scrophulariaceae.

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CHAKRABARTY, T. A new species of Cleistanthus (Euphorbiaceae) from Great Nicobar Island. J. Econ. Tax. Bot. 5 (1984) 951-954, 1 fig.

— A note on Mallotus subramanyamii Ellis (Euphorbiaceae). J. Econ. Tax. Bot. 6 (1985) 704. — Variety of *M. resinosus*.

— Blumeodendron tokbrai (Euphorbiaceae), a new record for India. J. Econ. Tax. Bot. 6 (1985) 430. — In Great Nicobar Island; description.

— Correct identity of Croton spiciflorus Thunb. (Euphorbiaceae) of E. Himalaya. J. Econ. Tax. Bot. 4 (1983) 579. — = *C. bonplandianus* from S. America.

— Excoecaria indica (Euphorbiaceae) on Great Nicobar Island. J. Econ. Tax. Bot. 6 (1985) 438. — Description.

— Mallotus penangensis Muell.-Arg. (Euphorbiaceae), a new record for India. J. Econ. Tax. Bot. 5 (1984) 217-218. — Andamans.

— Margaritaria (Euphorbiaceae), a new generic record for the Andamans. J. Econ. Tax. Bot. 6 (1985) 262. — *M. indica*; description.

— Notes on Claoxylon rostratum (Euphorbiaceae). J. Econ. Tax. Bot. 6 (1985) 451-452.

— Notes on Euphorbiaceae of Andaman - Nicobar Islands. J. Econ. Tax. Bot. 6 (1985) 493-498. — 11 taxa, 3 new varieties, 3 new records for India; descriptions: *Aporusa*, *Breynia*, *Bridelia*, *Mallotus*, *Neoscortechinia*, *Trigonostemon*.

— & P. BASU. Aporusa nigricans (Euphorbiaceae), a new record for India. J. Econ. Tax. Bot. 6 (1985) 432. — Andamans; description.

- & A.K. GOEL. Two undescribed species of Neolitsea (Lauraceae) from Andaman-Nicobar Islands. J. Econ. Tax. Bot. 6 (1985) 449-450.
- & R.K. PREMANATH. A new species of Dimorphocalyx Thw. (Euphorbiaceae) from Andaman Islands. J. Econ. Tax. Bot. 4 (1983) 1013-1016, 1 fig.
- & M.K.V. RAO. A new species of Bridelia (Euphorbiaceae) from Car Nicobar Island. J. Econ. Tax. Bot. 5 (1984) 948, 2 fig.
- A new species of Nothaphoebe (Lauraceae) from Great Nicobar Island. J. Econ. Tax. Bot. 6 (1985) 443-444.
- A new species of Sphyrantha (Euphorbiaceae) from North Andaman Island. J. Econ. Tax. Bot. 5 (1984) 959-961. — Second species of endemic genus; descriptions of both.
- A new variety of Nothaphoebe panduriformis (Lauraceae) from Great Nicobar Island. J. Econ. Tax. Bot. 5 (1984) 997-998.
- Barringtonia pendula and B. reticulata (Lecythidaceae) in India. J. Econ. Tax. Bot. 5 (1984) 955-956. — Key to the species.
- Does Baccaurea javanica (Euphorbiaceae) occur in India. J. Econ. Tax. Bot. 5 (1984) 957-958. — No: = B. sumatrana; description.
- Drypetes microphylla (Euphorbiaceae) on Great Nicobar Island. J. Econ. Tax. Bot. 6 (1985) 442.
- Drypetes sumatrana (Euphorbiaceae) in India. J. Econ. Tax. Bot. 6 (1985) 474-476. — Andamans; description.
- First record of Sabiaceae for Andaman - Nicobar Islands. J. Econ. Tax. Bot. 6 (1985) 453. — Meliosma lanceolata; description.
- Iodes (Icacinaceae), a new generic record for Andaman & Nicobar Islands. J. Econ. Tax. Bot. 6 (1985) 455. — Iodes cirrhosa; description.
- Range-extension of Palaquium sokoei (Sapotaceae). J. Econ. Tax. Bot. 6 (1985) 418. — Great Nicobar Island; description.
- CHAKRABARTY, T. & A.K. ROY. Range-extension of Antidesma tetrandrum Bl. (Stilaginaceae). J. Econ. Tax. Bot. 5 (1984) 168. — Andamans.
- CHAKRAVARTY, H.L. Cucurbitaceae. Fasc. Fl. Ind. 11 (1982) 1-136, ill. — 36 genera, ca. 100 species; 1 comb. nov. in Citrullus, Momordica each, 1 new name in Thladiantha.

CHAKRAVERTY, R.K. & D.M. VERMA. The Central Circle, Botanical Survey of India, Allahabad. Bull. Bot. Surv. India 25 ('1983', 1985) 314-319, photogr. — History of past 24 years.

CHANG, C.-E. An enumeration of the woody plants of Botel Tobago. J. Phytogeogr. & Tax. 29 (1981) 1-21, 4 fig. — Botanically famous island, E. of Taiwan, but with a tropical flora with very many Philippine relationships. In the check-list records and overall range are cited.

CHANG, C.-G. The phytogeographical position of Botel Tobago based on the woody plants. J. Phytogeogr. Taxon. 34 (1986) 1-8, 2 fig., 4 tabs. — Part of Malesia, closest to the Philippines.

CHANG, Y.-T. Materiae ad floram Euphorbiacearum sinensium (III). Acta Phytotax Sin. 24 (1986) 143-146, 1 fig. — New records and taxa in Croton.

CHAW, A.-M., C.-I PENG & M.-T. KAO. Verbena bonariensis L. (Verbenaceae): a newly naturalized plant in Taiwan. J. Taiwan Mus. 39 (1986) 123-127, 1 fig. — Description; key to Verbena in Taiwan.

CHAYAMARIT, K. Leguminous plants in the mangrove formations of Thailand. Thai For. Bull., Bot. 16 (1986) 119-153, fig. 52-66. — 10 genera, 15 species; key; descriptions; distribution; ecology.

CHEN, S.-C. & K.-Y. LANG. A revision of the orchid subfamily Apostasioideae in China. Acta Phytotax. Sin. 24 (1986) 346-352, 1 map, 1 fig. (In Chinese, English summary). — Key, descriptions; Neuwiedia singapureana reinstated; Apostasia 3 species, 1 new.

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CHEN, S.-X. Connaraceae. In Fl. Reipubl. Pop. Sin. 38 (1986) 133-150, fig.

CHERIAN, M. & P.I. KURIACHAN. Cytotaxonomy of two species of Phytolaccaceae. Curr. Sc. 55 (1986) 1099-1100, 3 fig. — Petiveria alliacea (n = 17), Rivina humilis (n = 63).

CHIN, S.C. & R. KIEW. Portraits of threatened plants. 10. *Acrymia ajugiflora* Prain (Labiatae). 11. *Nepenthes gracillima* Ridley (Nepenthaceae). Mal. Natur. 39 (1985) 23-24, 2 fig.

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CHRISTENSEN, P.B. Pollen morphological studies in the Malvaceae. Grana 25 (1986) 95-117, 6 fig. — Ca. 40 genera, 120 species; tribal relationships; origin in Gondwana.

CHRISTENSON, E.A. Aerides Lour. an orchid genus new to Papua New Guinea. Orchadian 8 (1984) 32, 1 col. pl. — *A. quinquevulnera* from Madang.

— An historical review of Saccolabium (Orchidaceae) and excluded species. Kew Bull. 41 (1986) 833-853. — Of the 348 names proposed 4 retained; index to excluded names.

— Kerigomnia Van Royen, a new synonym of Chitonanthera Schltr. (Orchidaceae: Thelasiinae). Orchadian 8 (1984) 83. — Kerigomnia has 4, not 2 pollinia; 1 new combination.

— Nomenclatural changes in the Orchidaceae subtribe Sarcanthinae. Selbyana 9 (1986) 167-170. — 1 new combination for Ascochilus calceolaris; a new section in Phalaenopsis for Doritis, Kingidium, and Kingiella; key to the Rhynchostylis retusa complex (1 new combination); Aerides flabellata to Vanda.

CHRISTMANN, M. Beiträge zur Histologie der Annonaceen-Samen. Bot. Jb. 106 (1986) 379-390, 4 fig. — Four groups, not correlated with present taxonomy; 2 types in Artobotrys, Polyalthia.

CHRISTOPHER, J. Karyomorphological studies on members of the tribe Andropogoneae; subtribe Rottboellinae. Cytologia 51 (1986) 43-50, 7 + 3 fig., 3 tab. — Rottboellia exaltata ( $2n=20$ ), Mnesithea laevis ( $2n=18$ ), Manisurus myuros ( $2n=16$ ), Hackelochloa granularis ( $2n=14$ ); similarities with Maydeae.

CLARKSON, J.R. Combretum trifoliolatum Vent. (Combretaceae) a new record for Australia. Austrobaileya 2 (1986) 274-276, 1 fig. — New generic record; description; key to Australian genera.

— Jedda, a new genus of Thymelaeaceae (Subtribe Linostomatineae) from Australia. Austrobaileya 2 (1986) 203-210, 3 fig., incl. 1 map (genera), 1 tab. — First genus of subtribe in Australia; key to its genera; survey of characters.

CLEMENTS, M.A., H. MUIR & P.J. CRIBB. A preliminary report on the symbiotic germination of European terrestrial orchids. Kew Bull. 41 (1986) 437-445, 4 fig., 5 tabs. — This method should be tried for tropical terrestrial orchids as well! See also Kew Mag. 3/1 (1986).

COETZEE, J.A. Microfloral elements in the Neogene of the Southwestern Cape province and their phytogeographic significance. In E.M. v. ZINDEREN BAKKER Sr., J.A. COETZEE & L. SCOTT (Eds.), Palaeoecology of Africa and the surrounding islands (1986) 21-30, 5 fig. (Balkema, Rotterdam). — 2 zones in this Miocene; lower one agrees with 90 E. ridge, Australia and New Zealand;

relationships with modern Madagascar, Australasia and S. America; Ascarinopsis, Cupaniopsis, Casuarina, Microcachrys, Palmae, Sarcolaenaceae, Sparganiaceae; younger zone has fijnbos elements; maps 2 and 3 of Winteraceae and Casuarinaceae do not agree with present time, as in Miocene Malesia was not attached to Australia; same for fig. 4, Ascarina, and fig. 5, Cupanieae; it is certain that Africa has lost a lot. — C.G.G.J. van Steenis.

CONRAN, J.G. & H.T. CLIFFORD. Smilacaceae. Fl. Australia 46 (1986) 180-196, 5 fig. — 5 genera (1 endemic), 15 species.

COOKE, D.A. Iridaceae. Fl. Australia 46 (1986) 1-66, 12 fig. — 29 genera (5 native), 79 species.

COPE, T.A. Poaceae. Fl. Pakistan 143 (1982) 678 pp., 75 fig. — 158 genera, 492 species, some subspecies and varieties.

CORKER, B. Germination and viability of seeds of the pitcher plant, *Nepenthes mirabilis* Druce. Malay. Nat. J. 39 (1986) 259-264. — Light germination; maximum viability at 2 months; germination at 3 months within 60 days; seeds viable for four or more months, germination then takes 6 months.

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COX, P.A., B. WALLACE & I. BAKER. Monoecism in the genus Freycinetia (Pandanaceae). Biotropica 16 (1984) 313-314, 1 fig.

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— Dendrobium eximium (Orchidaceae). Kew Mag. 3 (1986) 55-57, 1 fig., 1 col. pl.

— Further thoughts on the identity of Dendrobium alexandrae. Orchadian 8 (1984) 63. — Hybrid of *D. spectabile* and *D. macrophyllum*.

— Paphiopedilum hennisianum (Orchidaceae). Kew Mag. 3 (1986) 66-67, 1 fig., 1 col. pl. (also on frontispiece).

— 62. Paphiopedilum urbanianum (Orchidaceae). Kew Mag. 3 (1986) 102-103, 1 fig., 1 col. pl. — From Mindoro.

— The slipper orchids of New Guinea and the Solomon Islands. Kew Mag. 3 (1986) 159-166, 3 fig., 3 col. pl. — *Paphiopedilum glanduliferum* var. *wilhelminae* comb. nov.; *P. violascens*; *P. bougainvilleanum*; *P. wentworthianum*.

CROFT, J.R. An historical survey of botanical exploration in the Admiralty Islands, Manus Province, Papua New Guinea. Sc. N. Guinea 10 (1983) 1-15, 2 maps, 2 graphs. — Literature list.

CROWTHER, J. Ecological observations in tropical karst terrain, West Malaysia. III. Dynamics of the vegetation – soil – bedrock system. J. Biogeogr. 14 (1987) 157-164, 2 fig., 4 tabs.

— Karst environments and ecosystems in Peninsular Malaysia. Malay. Nat. J. 39 (1986) 231-257, 7 fig., 13 tabs.

DAGAR, J.C. & N.P. BALAKRISHNAN. Form and biological spectrum of Andaman and Nicobar Islands. Bull. Bot. Surv. India 26 ('1984', 1986) 154-159, 2 fig., 1 map, 3 tab. — 204 families, 1045 genera, 2315 species; floral composition characteristic of humid tropics and subtropics.

DANIEL, P. Is Caesalpinia hymenocarpa (Prain) Hattink a superfluous name? J. Econ. Tax. Bot. 4 (1983) 1041-1042. — No.

—, E. VAJRAVELU & J.G. THIYAGARAJ. Considerations on Trapa natans L. from Peninsular India. J. Econ. Tax. Bot. 4 (1983) 595-601, 1 fig. — Fruits highly variable, only 1 species in India; plants cannot compete with Eichhornia and Salvinia molesta.

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DAS, S.R. Variation in Cuscuta reflexa Roxb. Bull. Bot. Soc. Bengal 36 (1982) 55-59, 1 fig., 3 tabs.

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— & S. DASGUPTA. Liliaceae: tribe Scilleae. Fasc. Fl. Ind. 7 (1981) 1-23, 51 fig. — 3 genera, 16 species.

— & R. DUTTA. Revision of the genus Spermacoce (Rubiaceae) in India and adjacent regions. J. Econ. Tax. Bot. 5 (1984) 1037-1063, 9 fig. — Incl. Borrearia; 9 species, 1 new name for B. repens; key; descriptions; distributions; material.

— & M. GANGOPADHYAY. New taxa of the genus Psychotria (Rubiaceae in India). Bull. Bot. Surv. India 25 ('1983', 1985) 211-216, 3 fig.

— & K. ROY. Taxonomic revision of Paederia L. (Rubiaceae) in India and adjoining regions. J. Econ. Tax. Bot. 4 (1983) 747-764, 8 fig. — 8 species; key; descriptions; distribution.

DEBNATH, H.S. & M.P. NAYAR. Papaveraceae & Hypocephalaceae. Fasc. Fl. Ind. 17 (1984) 1-48, 18 fig. — 6 genera, 28 species.

DESHPANDE, U.R. Poaceae: tribe Andropogoneae, Dichanthium. Fasc. Fl. Ind. 15 (1984) 1-30, ill. — (incl. Bothriochloa, Capillipedium), 26 species; 1 new section, invalid, 3 comb. nov.

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ELLIOTT, S. & J. BRIMACOMBE. The medicinal plants of Gunung Leuser National Park, Indonesia. Wyeth Research (U.K.) Ltd. Mimeogr., folio, no date, 57 pp., ill. — Two Scots composed the research and publications from grants of 5 sponsors. Data assembled at Gumpang and Merpunga in the Alas Valley. 171 native and cultivated species recorded from local dukuns, providing prescriptions of 201 remedies. Bibliography. Index. (See also Brimacombe, 1986, above). — C.G.G.J. van Steenis.

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— Reproductive structures and phylogenetic significance of extant primitive angiosperms. *Pl. Syst. Evol.* 152 (1986) 1-28, 12 fig., 1 tab. — E.g. *Chloranthaceae*, *Eupomatiaceae*, *Himantandraceae*, *Trimeniaceae*, *Winteraceae*.

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- FARROQUI, P. & N. VENKATASUBRAMANIAN. Epidermal structure of some important forest plants. 4. Sapindus. Ind. For. 112 (1986) 543-553, 18 fig., 5 tabs. — Sapindus emarginata and S. laurifolia distinct.
- FERGUSON, I.K. Observations on the variation in pollen morphology of Palmae and its significance. Can. J. Bot. 64 (1986) 3079-3090, 65 fig. — Remarkable variation and parallelism: need for caution in assigning fossil pollen to extant genera; survey of some genera and species.
- FEUER, S., C.J. NIEZGODA & L.I. NEVLING. Ultrastructure of Parkia polyads (Mimosoideae: Leguminosae). J. Bot. 72 (1985) 1871-1890, 60 fig., 1 tab. — 16 species studied.
- FORMAN, L.L. Menispermaceae. Fl. Mal. I, 10/2 (1986) 157-253, 20 fig. — 25 genera; keys; descriptions.
- FORSTER, P.I. & H.T. CLIFFORD. Aloeaceae. Fl. Australia 46 (1986) 66-70, 1 fig. — 3 introduced genera.
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- Rudolf Schlechter: his life and travels. Sc. N. Guinea 3 (1975) 73-82.
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— Moraceae. Fl. Pakistan 171 (1985) 54 pp., 10 fig. — 5 genera, 32 species, 16 native).

— Rhizophoraceae. Fl. Pakistan 158 (1984) 11 pp., 2 fig. — 3 genera, 4 species.

— Urticaceae. Fl. Pakistan 137 (1981) 25 pp., 5 fig. — 10 genera, 18 species.

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GHORA, C. & G. PANIGRAHI. Rosaceae: genus Prunus. Fasc. Fl. Ind. 18 (1984) 1-44, 5 fig. — 34 species.

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- GOLDBERG, A. Classification, evolution, and the phylogeny of the families of Dicotyledons. Smithsonian Contr. Bot. 58 (1986) iii + 314 pp., 164 fig., 2 tabs. — Important survey; descriptions, figures of all (334) families.
- GREEN, P.S. Jasminum in Arabia. Studies in the genus Jasminum L. (Oleaceae). X. Kew Bull. 41 (1986) 413-418. — Identity of *J. grandiflorum* clarified, not synonymous with *J. officinale*, as in Fl. Java).
- GRUEZO, W.S. & H.C. HARRIES. Self-sown, wild-type coconuts in the Philippines. Biotropica 16 (1984) 140-147, 8 fig. & maps.
- HAJRA, P.K. Linaceae & Ixonanthaceae. Fasc. Fl. Ind. 13 (1983) 1-16, ill. — 5 genera, 11 species; *Ixonanthes khasiana* is a synonym of *I. reticulata*.
- HALLE, N. Les élatères des Sarcanthinae et additions aux Orchidaceae de la Nouvelle-Calédonie. Bull. Mus. Nat. Hist. Mat., Paris IV, B, 8 (1986) 215-239, 9 fig. — The endocarpic elaters are a fundamental character in numerous genera; present in all Sarcanthinae and possibly all Vandaeae; absent in the Bulbophyllinae, Dendrobinae, Glomerinae; 3 new species, 1 new variety, 1 new combination; key to the New Caledonia genera of the tribe; *Agrostophyllum* better placed in the Podochilinae.
- HANSEN, B. The Balanophoraceae of continental Africa. Bot. Jb. 106 (1986) 359-377, 3 fig. — Palynology; revision; keys; descriptions; synonymy; *B. abbreviata* once found in Zaire.
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- HASHMI, R.Y. & S. OMER. Lemnaceae. Fl. Pakistan 173 (1986) 1-11, 1 fig. — 3 genera, 10 species.
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- Further contributions to the orchid flora of Arunachal Pradesh. I. J. Econ. Tax. Bot. 4 (1983) 383-392. — Several Malesian taxa, some new for India: Dendrobium kentrophyllum, Oberonia anthropophora.
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- HERRERA, C.L., E.V. RAMOS & B.A. VILLANUEVA. Philippine plants as possible sources of antifertility agents. Philip. J. Sc. 113 (1984) 91-129, 2 tabs. — 8 species; chemical formulas; modes of action.
- HERRERA, C.L. et al. Preliminary studies on the antifertility activity of Averrhoa bilimbi L. Philip. J. Sc. 115 (1986) 307-316, 1 fig., 10 tabs. — 50% reduction of fertility in mice.
- HEWSON, H.J. Hanguanaceae. Fl. Australia 46 (1986) 172-173, 1 fig. — 1 genus, 1 species.
- Taccaceae. Fl. Australia 46 (1986) 174-176. — 1 genus, 2 species.
- HEYNE, K. Nuttige planten van Nederlandsch Indie, ed. 1. An anonymous English translation prepared in about 1922, in Kuala Lumpur. Photocopied issue of a manuscript found in FRI, Kepong, Forestry Department, Kuala Lumpur, and the Botanic Gardens, Singapore. Copies also in Bogor, Leiden (4 volumes). — Dr. Kostermans remarked that 'this manuscript is not a mere translation of Heyne's work, but a revision, in places deviating considerably from Heyne's text. For example in Mangifera is added M. curtisii (a mistake for Melanochyla curtisii), the cultivars of M. indica; M. rumphii has disappeared and

the name changed into *Mangifera* species. The descriptions have been changed considerably from those of Heyne. The same holds true for Lauraceae.<sup>1</sup> Kostermans also suggested that the revision was made by a Dutchman working in Singapore.<sup>1</sup>

HEIJS, F.M.L. & J.J.W.M. BROUNS. A survey of seagrass communities around the Bismarck Sea, Papua New Guinea. Proc. Kon. Ned. Akad. Wet. C, 89 (1986) 11-44, 9 fig., 7 pl., 3 tab. — 6 species of seagrasses, 71 macroalgae; sociology, ecology; observations at Wewak, Manus isl., Kovieng, Rabaul.

HEYWOOD, V.H. Botanic gardens and taxonomy — their economic role. Bull. Bot. Surv. India 25 ('1983', 1985) 134-147.

HIDAYATI, N. & SUPRIHATIN. Bauhinia sebagai bahan dalam rancangan lansekap. Bul. Kebun Raya 6 (1984) 97-101. (In Indonesian). — Importance of *Bauhinia* spp. as ornamentals.

HILL, K.D. & D.F. BLAXELL. Notes on the genus Malaxis Sol. ex Sw., including a new record for Australia. Orchadian 8 (1984) 80-82, 1 fig. — Sect. *Hololobus* reinstated for Old World species, Asiatic species may turn out to belong to distinct genus; description of *M. nitida*; key to Australian species.

HOFF, M. La végétation de la Nouvelle Calédonie. Bull. Assoc. Philom. Alsace & Lorraine 19 (1982) 71-85, 6 fig.

— & H. BRISSE. Mise en place d'une base de données en botanique tropicale. 1. Information des échantillons d'herbier. Init. & Docum. Techn. 65 ORSTOM (1985) 1-48, 16 tab. — Set-up of a floristic data base for Wallis and Futuna in use by ORSTOM.

— Proposition d'un schéma synthétique des végétations secondaires intertropicales. Colloques Phytosoc. 12 (1983) 249-267, 2 tab. — Compilation of phytosociological studies on secondary vegetation; list of associations.

— & G. GRANDJOUAN. La vegetation ruderale et anthropique de la Nouvelle Calédonie et des Iles Loyauté. Colloques Phytosoc. 12 (1983) 179- 248, 71 tab. — Phytosociological study; description of 27 associations in 44 classes.

HOLTTUM, R.E. On Aerides elongata Bl. (Orchidaceae). Kew Bull. 41 (1986) 347-348. — Belongs to Renanthera.

HOOPER, S.S. A concept of the cyperoid spikelet and its terminology, illustrated by new species of Lipocarpha. Kew Bull. 41 (1986) 423-428, 2 fig. — Spikelet consist of rachilla, prophyll, and flower bearing glumes; 1 new Indian species, close to *L. microcephala*.

HORE, D.K. Additions to the Indian flora from Great Nicobar Island. Bull. Bot. Surv. India 26 ('1984', 1985) 20-25, 2 fig. — *Anaxagorea javanica*, *Connarus planchonianus*, *Cypholophus moluccanus*, *Ficus magnoliifolia*, *Halodule*

- uninervis, *Homalonema nutans*, *Indorouchera griffithiana*, *Phaleria macrocarpa*, *Saurauia bracteosa*.
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- Check list of the genus Anadendron (Araceae). In M. HOTTA (Ed.) Part 2. (1986) 121-126 (q.v.). — Checklist; synonymy; localities.
- (Ed.), Diversity and dynamics of plant life in Sumatra. Part 1. Sumatra Nat. Study (Bot.), Kyoto Univ. (1986) 114 pp. — Reports and collection of 6 papers.
- (Ed.), Diversity and dynamics of plant life in Sumatra. Part 2. Sumatra Nat. Study (Bot.), Kyoto Univ. (1986) 128 pp.
- Species list and cited specimens of the genus Homalonema (Araceae) in Malaysia. In M. HOTTA (Ed.) Part 2. (1986) 73-120 (q.v.). — Checklist; 2 new species, 1 new variety (no diagnoses); synonymy; localities; collectors' list.
- , H. OKADA & M. ITO. Species diversity at wet tropical environment. I. Poly-morphic variation and population structure of Schismatoglottis lancifolia (Araceae) in West Sumatra. Contr. Biol. Lab. Kyoto Univ. 27 (1985) 9-71, 30 fig., 1 col. pl., 17 tabs.
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- HSIEH, C.-F. A data system for Taiwanese grass species (part 1): specimen label data storage and retrieval. Taiwania 31 (1986) 143-150, 2 fig., 1 tab. — Hierarchic file for Apple II.
- HSU, P. & S. HUANG. Index to plant chromosome numbers reported in Chinese literature. Investigatio et studium naturae. Mus. His. Nat. Shangh. 1 (1986) 1-116. — 1539 counts of algae, fungi, ferns, and spermatophytes.
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- HUANG, S.-H. New taxa of Convolvulaceae from China. Acta Phytotax. Sin. 24 (1986) 17-20, 2 fig. — *Argyreia*, *Evolvulus*.
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- HUQ, A.M. Styliadiaceae. Fl. Bangladesh 32 (1986) 4 pp., 1 fig. — 1 genus, 2 species.
- & Md. M-u-K. MIA. Juncaceae. Fl. Bangladesh 29 (1985) 3 pp., 1 fig.
- HUSAIN, T. & S.R. PAUL. Ixora pubiramea Brem. (Rubiaceae) — A new record for Indian flora. J. Bomb. Nat. Hist. Soc. 83 (1986) 263-265, fig.
- IKEDIOBI, C.O. & L.C. IGBOANUSI. Identification of yam (*Dioscorea* sp.) species and cultivars by use of electrophoresis patterns of soluble tuber proteins. Biotropica 15 (1983) 65-67, 2 fig. — Different taxa and cultivars have different patterns.
- IMAMUDDIN, H. Chromosome number and caryotype of the genus *Alocasia* in Java. Ber. Biol. 3 (1986) 189. (In Indonesian, English summ.)
- Xanthosoma violaceum Scott and its potentials. Bul. Kebun Raya 6 (1985) 149-152. (In Indonesian; English summary). — Three races in West Java.
- IMMELMAN, K.L. & D.S. HARDY. Cirrhoptatum umbellatum. Fl. Pl. Afr. 49 (1986) t. 1940 (col. pl.).
- INAMDAR, J.A., R.C. PATEL & J.S.S. MOHAN. Structure and ontogeny of s tomata in some Oleaceae. Fedde's Repert. 97 (1986) 291-302, 6 fig., 1 tab. — Nyctanthes is an Oleaceae.
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- & M. HOTTA. *Carallia eugenioidea* (Rhizophoraceae) and its new variety in Sumatra. Acta Phytotax. Geobot. 37 (1986) 144-148, 4 fig. (1 map). — Distribution; *C. euryoides* distinguished from *C. eugenioidea*.
- & M. HOTTA. *Carallia eugenioidea* group (Rhizophoraceae) of Sumatra and Malay Peninsula. In M. HOTTA (Ed.) Part 1. (1986) 71-74, 2 fig. (q.v.). — More or less as above.
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- & J. BOGNER. Die Cryptocorynen der Malaiischen Halbinsel (1. Teil). Aqua-Planta 11 (1986) 135-139, 7 fig. (3 col.). — Popular account of Cryptocoryne hunt in Perak, Kedah, Pahang.
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- JAFRI, S.M.H. Juncaceae. Fl. Pakistan 138 (1981) 27 pp., 6 fig. — 2 genera, 18 species.
- \*JAHNKE, C. Der Infloreszenbau der Cornaceen sensu lato und seine systematische Konsequenzen. Trop. & Subtrop. Pfl.-W. 57 (1986) 146 pp., 79 fig., 4 pl., 6 tabs. ISBN 3-515-04582-1. — Family split up: Cornaceae (incl. Mastixia); new series in Mastixia; Alangiaceae, Nyssaceae excluded.
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JONES, A.G. & W.F. LAMBOY. Lectotypification of Lepianthes Raf. (Piperaceae). A different viewpoint. Taxon 35 (1986) 153-155. — Correct name for Pothomorphe Miq.

JONES, D.L. Amendments to the description of Thelasis carinata Bl. Orchadian 8 (1984) 58-59, 1 fig.

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JONES, J.H. Evolution of the Fagaceae: the implications of foliar features. Ann. Missouri Bot. Gard. 73 (1986) 228-275, 54 fig. — Nothofagaceae proposed!

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KASSELMANN, C. Eine neue, empfehlenswerte Cryptocoryne: Cryptocoryne hudoroi Bognér et Jacobsen. Aqua-Planta 11 (1986) 145, 1 col. pl. — This species, known from 2 localities in Kalimantan, now in cultivation in Germany.

\*KATO, M. Taxonomic studies of the plants of Seram Island. Bot. Gard., Univ. Tokyo (1986) 158 pp., some ill. — Results of the Japanese expeditions of 1983 and 1984/85; itinerary; various other chapters.

KAUL, R.B. Evolution and reproductive biology of inflorescences in Lithocarpus, Castanopsis, Castanea, and Quercus (Fagaceae). Ann. Missouri Bot. Gard. 73 (1986) 284-296, 28 fig.

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KAUL, V., J.L. ROUSE & E.G. WILLIAMS. Early events in the embryo sac after intra-specific and interspecific pollinations in Rhododendron kawakamii and R. retusum. Can. J. Bot. 64 (1986) 282-291, 22 fig., 1 tab. — There would appear to be some grounds for taxonomic distinction of tropical and temperate species of subsect. Pseudovireya based on breeding behaviour.

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KENG, H. Annotated list of seedplants of Singapore (IX). Gard. Bull. Singapore 38 (1985) 149-174. — Key to groups of genera of Rubiaceae, Compositae; key to genera of Caprifoliaceae, Campanulaceae; Goodeniaceae, Stylidiaceae, each 1 species; all species briefly diagnosed.

— Annotated list of seedplants of Singapore (X). *Gard. Bull., Singapore* 39 (1986) 67-95. — Acanthaceae to Verbenaceae; keys to genera, brief diagnoses of taxa.

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KEVAN, P.G. & B.H. GASKELL. The awkward seeds of *Gonystylus macrophyllus* (Thymelaeaceae) and their dispersal by the bat *Rousettus celebensis* in Sulawesi, Indonesia. *Biotropica* 18 (1986) 76-78, 1 fig.

KHAN, M.S. Convolvulaceae. Fl. Bangladesh 30 (1985) 59 pp., 3 fig.

— & M. HALIM. Hydrocharitaceae. Fl. Bangladesh 28 (1985) 17 pp., 4 fig.

KHAN, P.S.H. & R.P. SINGH. Structure and development of seeds of *Wrightia* species (Apocynaceae). *Geophytology* 16 (1986) 107-112, 2 fig., 6 pl. — 3 species studied.

KHANH, C.K. Beitrag zur Kenntnis der Sippenstruktur des Genus *Strychnos* L. in der Flora Vietnams. Teil 1: Allgemeiner Teil. *Fedde's Repert.* 97 (1986) 713-751, 16 fig., 10 tabs., 2 maps. — 19 species (2 new); 1 new section, 2 new subsections in Sect. *Strychnos* mentioned (*Wallichiana* includes type of genus!); NO keys (contrary to summary).

KHATOON, S. Annonaceae. Fl. Pakistan 167 (1985) 15 pp., 4 fig. — 3 native species, 1 cultivated.

KIEW, B.H. The Malaysian heritage & scientific expedition to Endau-Rompin. Nat. Malays. 10/3 (1985) 4-7, 5 col. phot. — Records for *Didymocarpus heterophyllus* (+ 2 possibly new other species), *Musa gracilis*, *Phyllagathis cordata*.

KIEW, R. Phenological studies of some rain forest herbs in Peninsular Malaysia. *Kew Bull.* 41 (1986) 733-746, 4 tabs. — *Pentaphragma horsfieldii*, *Didymocarpus platypus*, *Phyllagathis rotundifolia*, *Staurogyne longifolia*.

KIMURA, A. De *Salicibus* subgenere *Protitea* commentatio. *Sc. Rep. Tohoku Univ. IV (Biol.)*, 39 (1986) 67-70.

\*KLUCKING, E.P. Leaf venation patterns. Vol. 1. Annonaceae. J. Cramer, Berlin / Stuttgart (1986) 256 pp., 140 fig.

KOELEWIJN, J.C. Paphiopedilum mastersianum Rchb. f. (Pfitz.). Orchideeen 48 (1986) 241, 1 col. pl. (in Dutch). — Description.

KOHYAMA, T. & M. HOTTA. General description of two new study plots established in Ulu Gadut forests. In M. HOTTA (Ed.) Part 1. (1986) 1-11, 8 fig., 1 tab. — In subprimary forest.

\*KONG-ONG, H.K. & N. MANOKARAN. Rattan, a bibliography. RIC, For. Res. Inst. Malaysia, Kepong. 1986. 109 pp. — 857 titles, many summarized; indices to authors and subjects; very useful.

\*KORNAS, J. (Ed.) De Mariani Raciborski vita et scriptis. Univ. Iagellonicae (1986) 160 pp., portr. ISBN 83-01-07342-X. — A collection of articles (in Polish, with English summaries) on the life and work of this famous botanist.

KOSTERMANS, A.J.G.H. A monograph of the genus Cinnamomum Schaeff. (Lauraceae). Part 1. Ginkgoana 6 (1986) 1-170, 4 and 12 plates, 56 fig. — Species of Australia (5), Celebes (7, 1 new), the Moluccas (3), New Guinea (19, 5 new), the Philippines (21, 10 new), Solomon islands (4, 3 new), Pacific (13, 10 new) separately treated; keys; index; collector's list.

— Notes on Asiatic Cassine L. (Celastraceae). Gard. Bull., Singapore 39 (1986) 177-191, 4 fig. — Survey; 2 new combinations, 4 new species.

— The South Indian species of Cinnamomum Schaeffer (Lauraceae). Bull. Bot. Surv. India 25 ('1983', 1985) 90-133, 14 fig. — 13 species, 12 endemic, 4 new; bibliography of *C. malabatrum*; history of its bark ('cassia lignea') and leaves ('folium indum').

\*KOYAMA, H. (Ed.) A preliminary checklist of the Pteridophytes and Dicotyledons of Doi Inthanon in Thailand. Dept. Bot., Fac. Sc., Kyoto Univ. (1986) 113 pp.

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— Taxonomic studies in the Compositae of Thailand. 7. Acta Phytotax. Geobot. 37 (1986) 111-116, 1 fig. — Senecioneae; 7 genera; key for *Emilia*, 1 new species, also from Malaysia.

KRESS, W.J. The systematic distribution of vascular epiphytes: an update. Selbyana 9 (1986) 2-22, 4 tab. — Ca. 10% (23,456, a number too good to be true) of all vascular plants are epiphytes, most are orchids. — A large part of this issue is dedicated to various aspects of epiphytes.

KRISHNAN, N. Taxonomic status of Flacourtie ramontchi L'Herit. Curr. Sc. 55 (1986) 868-869. — Differs from *F. sepiaria* by karyotype and phytochemistry. But how do both differ from *F. indica*?

KUKKONEN, I. Special features of the inflorescence structure in the family Cyperaceae. Ann. Bot. Fenn. 23 (1986) 107-120, 10 fig.

KUMAR, A. & J. LAL. Notes on some rare plants of Madhya Pradesh from Kanha Tiger Reserve. J. Econ. Tax. Bot. 6 (1985) 325-329. — Most also Malesian, e.g. *Cyperus melanospermus*, *Fimbristylis alboviridis*, *Dichanthium parviflorum*, *Drosera burmanni*, *D. indica*, *Elatostema cuneatum*; descriptions.

KUMARI, G.R. & L.L. NARAYANA. Chemotaxonomy of the tribe Vicieae. Acta Bot. Ind. 12 (1984) 35-40. — Supports proposal to place Abrus in distinct tribe, Abreae.

— & G.V.S. RAO. The genus Picrasma Bl. (Simaroubaceae) in South India. J. Econ. Tax. Bot. 3 (1982) 249-250. — Keys to related groups in India; 1 species; description; synonymy.

LACK, A.J. & P.G. KEVAN. On the reproductive biology of a canopy tree, Syzygium syzygioides (Myrtaceae), in a rain forest in Sulawesi, Indonesia. Biotropica 16 (1984) 31-36, 4 fig., 3 tabs.

LAL, J., A. KUMAR & R. SARAN. New records of three species and one variety of the genus Cuscuta L. (Cuscutaceae) from Madhya Pradesh, India. J. Econ. Tax. Bot. 3 (1982) 581-583. — Key to the 6 species.

LANDOLT, E. Biosystematic investigations in the family of duckweeds (Lemnaceae) (vol. 2). — The family of Lemnaceae – a monographic study. Veröffentl. Geobot. Inst. Eidg. Techn. Hochsch., Rübe 71 (1986) 1-566, many fig., maps, tabs., 16 col. pl. — Very impressive and authoritative part of a series of 4; morphology; karyology; habitat & ecology; distribution; taxonomy; palaeobotany, relationships (probably not in Ariflorae, more like Alismatiflorae in many respects; at present best distinguished as Lemnales); nomenclature; descriptions; keys; 2 subfamilies; 4 genera; new sections in *Lemna*, *Wolffia*, *Wolffiella*; 34 species (none new); *L. perpusilla* in Malesia, *L. trisulca* from Aru Isl. = *L. aequinoctialis*.

LAPIS, R.B. Rattan gene bank in the Philippines. Progress report. RIC Bull. 5/3 (1986) 1-7, 8 fig., 3 app.  
.. Palmae.

LARSEN, K. Geostachys angustifolia sp. nov. (Zingiberaceae) from Thailand. Nord. J. Bot. 6 (1986) 31-33, 1 fig. — Key to the 5 Thai species.

— The identity of Phacelophrynum exorbitum (Marantaceae). Thai For. Bull., Bot. 16 (1986) 205-206. — Synonym of the South American *Ctenanthe compressa*! How that got into North Thailand is a mystery!

\*LASSCHUIT, J.A. Vernacular names of trees in the Hattam-language (Irian Jaya). Revised by G.J.K. PESCH. (1981) 57 pp.

LAUMONIER, Y., PURNADJAJA & SETIABUDHI. Sumatra centre / Central Sumatra. Map published by the Institut de la Carte Internationale / SEAMO-BIOTROP (1986?). — Map only; second instalment of a vegetational, geological, pedological, climatological, biogeographical survey of the island.

LAVARACK, P.S. A further note on Dendrobium johannis Rchb. f. and D. semifuscum (Rchb.f.) Lavarack & Cribb. Orchadian 7 (1984) 252-254, 2 fig. — Differences explained.

—, M.A. CLEMENTS & N.H.S. HOWCROFT. Bromheadia pulchra Schltr. in Australia and New Guinea. Orchadian 7 (1984) 291-294, 2 fig., 1 map. — Correct name for *B. venusta* auct. Austr.; comparison with *B. finlaysoniana*.

\* — & B. GRAY. Tropical orchids of Australia. With additional notes and illustrations by A.W. DOCKRILL. Thomas Nelson, Melbourne (1985) xii + 177 pp., black/white ill., 84 col. phot. — Magnificent work; introductory chapters; recent discoveries; in an appendix the species common to Australia and New Guinea listed: 68 out of 230 Australian ones; several Malesian species depicted.

LEENHOUTS, P.W. A taxonomic revision of Nephelium (Sapindaceae). Blumea 31 (1986) 373-436, 6 fig. — Revision of 22 species, 6 new; key; descriptions; *N. cuspidatum* with 6 varieties, 4 subvarieties; *N. lappaceum* 3 varieties; *N. mutabile* is now *N. ramboutan-aké*; collectors' index.

LEEUWENBERG, A.J.M. Voacanga Thou. Belmontia 96 (1986) 6-80, 14 fig., 9 maps, 1 chart, 1 col. pl. — Revision; keys; descriptions; 12 species; collector's index.

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— Primulaceae. Fl. Pakistan 157 (1984) 103 pp., 20 fig. — 8 genera, 60 species, some subspecies and varieties; some new taxa and combinations, e.g. *Lysimachia japonica* ssp. *papuana*.

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- Mimosa invisa Mart. var. inermis Adelb., a new entrant to the Indian flora. J. Econ. Tax. Bot. 3 (1982) 603-605, 1 fig. — Also in Java.
- Pittosporaceae. Fasc. Fl. Ind. 6 (1980) 1-15, 2 fig. — 1 genus, 11 species, 2 sp. nov.
- Taxonomic studies of Asian Myrsinaceae. 1. Two new species of Ardisia from Burma. J. Econ. Tax. Bot. 3 (1982) 281-283, 1 fig.
- & J.N. VOHRA. Twentyfive years of research: laboratories and headquarters of Botanical Survey of India. Bull. Bot. Surv. India 25 ('1983', 1985) 268-278.
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- NAZIMUDIN, S. & S.S.H. NAQVI. Cucurbitaceae. Fl. Pakistan 154 (1984) 56 pp., 6 fig. — 17 genera, 21 species (several cultivated).
- & M. QAISER. Apocynaceae. Fl. Pakistan 148 (1983) 41 pp., 6 fig. — 17 genera, c. 22 species.
- Vitaceae. Fl. Pakistan 147 (1982) 20 pp., 4 fig. — 6 genera, incl. Leea, 10 species.
- \*NEW, T.R. A biology of Acacias. Melbourne, Oxford Univ. Press (1984) ix + 153 pp., 16 fig., 2 pl. — Core is the interaction of arthropods and Acacia; morphological interpretation of thorns, spines, phyllodes; ecology.
- NEWBERY, D.McC., E. RENSHAW & E.F. BRÜNIG. Spatial patterns of trees in kerangas forest, Sarawak. Vegetatio 65 (1986) 77-89, 3 fig., 5 tabs. — The 64 most abundant species (10 cm dbh) in plot of 400 by 480 m, in 20 x 20 m quadrats analyzed. 30 showed pattern with clumps, mostly 35-55 m across. Soil differences in topography did not account for patterns. The scale of patterns

matches the size of gaps produced by windthrow. Suggested that patterned species are light demanding and grow from seeds in gaps. — C.G.G.J. van Steenis.

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NG, C.K. Hummingbird hawkmoth. Nat. Malays. 10/1 (1985) 10-11, 2 col. phot. — Visits *Wrightia religiosa*.

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\*WHITMORE, T.C. & I.G.M. TANTRA (Eds.). Tree flora of Indonesia. Check list for Sumatra. Forest Research and development Centre, Bogor. 1986. ix + 381 pp., fig. — First part of a series; checklists to families and genera with at least one timber size species, all species then given, names of non-timber species in brackets, all with some literature references, size, habit, altitude, general distribution; list of vernacular names, languages not given, presumably due to the admitted numerous misapplied, erroneous, or imaginary ones, not from scientific to vernacular; compilers apparently unaware of Meijer's helpful, illustrated Field guide (1974); vegetative and generative keys to Dipterocarpaceae (P.S. ASHTON), all but 1 depicted.

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- WONG, Y.K. The use of tifgreen and tifdwarf Bermuda grasses in two Singapore golf courses. Gard. Bull., Singapore 39 (1986) 203-214, 14 fig. — Cynodon hybrids; fast growers, but not good competitors in the long run.
- WOOD, J.J. Notes on Asiatic and New Guinea Orchidaceae. Kew Bull. 41 (1986) 811-822, 1 fig. — 6 new taxa, 5 new combinations, synonymy.
- & J.B. COMBER. New orchids from Java and Bali. Kew Bull. 41 (1986) 697-702, 3 fig. — Ceratostylis (1 species), Cleisostoma (1) from Java, Calanthe (1) from Bali.
- WU, Y.-F. A preliminary study on Symplocos of China. Acta Phytotax. Sin. 24 (1986) 193-202, 9 fig. — Many new taxa.
- A preliminary study on Symplocos of China (cont.). Acta Phytotax. Sin. 24 (1986) 275-291, 1 map, 1 tab. (In Chinese, brief English summary). — No novelties; narrower specific concept than that of Nooteboom.
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