

XVI. BIBLIOGRAPHY

(continued from Volume 9, page 527)

Editorial note: As announced in the previous issue we have here deleted all references to the Algae, Fungi, and Lichens. Except for a few protests, there appears to be little interest in these subjects among Malesian botanists.

'I am told that Chinese printers have a tradition which obliges them to introduce into their works a sprinkling of intentional errors; the reason for this curious action is to provide the careful reader with that sense of superiority which follows discovery of another man's typographical lapse. We all know that strange pleasure; and while I would not rob you of such harmless delight it is nevertheless my sincere hope that no one will leave this Bibliography ... with a violent attack of superiority complex.' (J. Blanck, Bibl. Am. Lit., 1955).

* Books have been marked with an asterisk.

BRYOPHYTES

- ALLEN, B.H. 1987. *A revision of the Dicnemonaceae*. J. Hattori Bot. Lab. 62: 1–100, 53 fig. — 2 genera recognized: Dicnemon, Eucamptodon; Dicnemon 5 sections (4 new), 13 species (1 new, 5 new combinations), 2 varieties (1 new combination).
- 1987. *A revision of the genus Leucomium (Leucomiaceae)*. Mem. N.Y. Bot. Gard. 45: 661–677, 13 fig. — Only 2 species recognized, 1 new!
 - 1987. *Notes on the Dicnemonaceae (Muscii): I. A systematic account of Dicranum bartramianum nom. nov.* Cryptog., Bryol. Lichénol. 8: 321–329, 4 fig. — New name for Dicnemon / Eucamptodon robustus; description; variability.
- AWASTHI, U.S. & C. SRIVASTAVA. 1987. *Ptychanthes Nees and Tuzibeanthus Hatt. in India*. Geophytology 17: 12–20, 56 fig, 1 map.
- BISCHLER, H. 1987. *On Marchantia subg. Protomarchantia (Marchantiaceae)*. Mem. N.Y. Bot. Gard. 45: 22–73, 5 fig. — 15 species.
- BORNEFELD, T. 1987. *The natural system of the Marchantiales based upon cytogenetical and morphological evidence*. Nova Hedw. 45: 41–52, 3 fig, 1 tab. — Riccia most primitive.
- BUCK, W.R. 1987. *Notes on Asian Hypnaceae and associated taxa*. Mem. N.Y. Bot. Gard. 45: 519–527, 30 fig. — New combinations in e.g. Taxiphyllum; Hampeo-hypnum described for Hypnum littorale.
- 1987. *Taxonomic and nomenclatural rearrangement in the Hookeriales with notes on West Indian taxa*. Brittonia 39: 210–224. — 5 families, 1 new; Chaetomitrium, Chaetomitiopsis, Dimorphocladon, Elharveya to Hypnaceae; Hookeriopsis split in 4, 1 new genus (key); 35 new combinations.
- CRANDALL-STOTLER, B., et al. 1987. *A biosystematic study of the subspecies of Frullania tamarisci (L.)*. Bryol. 90: 287–308, 44 fig, 2 tab. — 4 subspecies to be recognized as species because the 'genetic non-identity component' deduced from morphology, biochemistry is more than 5% (!).

- CRUM, H. 1987. *Leratia and its place in the Orthotrichaceae, subfamily Macromitrioideae*. Mem. N.Y. Bot. Gard. 45: 602–606, 1 fig. — Various other genera of the family discussed.
- DOEI, H. 1987. *A new species of Lepidozia (Hepaticae) from Seram Island, Indonesia*. J. Hattori Bot. Lab. 63: 414–424, 1 fig.
- ELLIS, L.T. 1987. *Taxonomic notes on Calymperes*. J. Bryol. 14: 681–690, 4 fig. — *Calymperes moluccense* and *C. geppii* distinct from *C. palisotii*; synonymy; materials.
- ENGEL, J.J. 1987. *Miscellanea hepatologica paleotropica. I*. Mem. N.Y. Bot. Gard. 45: 533–534. — *Conoscyphus trapezoides* new for Australia (Queensland), base for Geocalycaceae subfam. Conoscyphoideae; *Schiffneria hyalina*, *Lepidozia ferdinand-muelleri* new for the Philippines.
- *FRAHM, J.-P. 1987. *A revised list of the Campylopus species of the world*. 117 pp. ISSN 0723-2470. — Checklist.
- 1987. *A survey of the Campylopus species of Australia*. J. Bryol. 14: 701–727, 24 fig. — Notes, key; several species Malesian.
- & H. DEGUCHI. 1987. *Bryohumbertia walkeri* (Mitt.) J.-P. Frahm new to Japan. Hikobia 10: 55–58, 1 fig. — Also known from Sumatra (*Campylopus subcaudatus*), New Guinea (*C. morobensis*), Malaysia, Sabah.
- & (M.A.) H. MOHAMED. 1987. *A survey of Campylopus and Bryohumbertia (Dicranaceae) in Malaysia*. Mem. N.Y. Bot. Gard. 45: 470–491, 98 fig. — Resp. 12 (4 new records) and 1 (new record) species; key; notes; illustrations.
- FRISVOLL, A.A. 1987. *Notes on Hypnum scalare Zenker et Dietrich and on their exsiccate Musci Thuringici*. J. Bryo. 14: 593–594. — Validly published; *H. scalare* Bl., non Zenk. & Dietr. = *Äptychella scalaris* Fleischer.
- GRADSTEIN, S.R. & J. Vana. 1987. *On the occurrence of Laurasian liverworts in the tropics*. Mem. N.Y. Bot. Gard. 45: 388–425, 29 maps, 6 tab. — Several Malesian ones mapped and discussed, some new records.
- GROLLE, R. 1987. *Miscellanea hepatologica 251–260*. J. Hattori Bot. Lab. 63: 437–443 (In German). 252. *Bazzania intermedia*, incl. *B. australis*, *B. concinna*, *B. tridens*. 257. *Lejeunea patersonii*, incl. *Prionolejeunea caledonica*; *Echinocolea herzogii* new for Papua New Guinea, New Caledonia. 260. *Symphyogynopsis gottscheana* comb. nov., based on *Symphyogyna gottscheana*; new for Mascarenes, Comores, Seram.
- HATTORI, S. 1987. *Distribution of Frullaniaceae and Porellaceae (Hepaticae)*. Acta Phytotax. Geobot. 38: 1–6, 3 tab. (In Japanese).
- 1987. *The Frullania flora of Lord Howe Island*. Bryol. 90: 365–370, 28 fig. — 6 species, 3 new, 2 Malesian.
- 1987. *New or little-known species of Frullania (Frullaniaceae) from Queensland and New South Wales, Australia*. Mem. N.Y. Bot. Gard. 45: 544–555, 6 fig.
- HU, R. & Y. WANG. 1987. *A review of the moss flora of East China*. Mem. N.Y. Bot. Gard. 45: 455–465, 1 map. — Compared to e.g. the Philippines.

- HYVÖNEN, J. 1987. *A synopsis of genus Leptostomum (Leptostomataceae, Musci)*. Ann. Bot. Fenn. 24: 63–72, 4 fig. (1 map). — 8 species; descriptions; key; distribution.
- INOUE, S. & Z. IWATSUKI. 1987. *Cytotaxonomic studies on Plagiothecium B.S.G. and its related genera*. J. Hattori Bot. Lab. 63: 453–471, 4 fig, 3 tab. — Chromosome numbers, e.g. of Isopterygium, Pseudotaxiphymum, Taxiphymum, etc.
- IWATSUKI, Z. 1987. *Notes on Isopterygium Mitt. (Plagiotheciaceae)*. J. Hattori Bot. Lab. 63: 445–451, 2 fig, 1 tab. — Pseudotaxiphymum, based on sect. Pseudotaxiphymum (7 species).
- 1987. *Two species of Fissidens (Musci) new to China*. Hikobia 10: 69–71, 1 fig. — E.g. F. kinabaluensis.
- & M. A. H. MOHAMED. 1987. *The genus Fissidens in Peninsular Malaysia and Singapore*. J. Hattori Bot. Lab. 62: 339–360, 7 fig. — 24 species, 11 new records.
- JOVET-AST, S. 1987. *Vers une classification phylogénétique des espèces du genre Riccia*. Bryol. 90: 321–330, 14 fig.
- KAWAI, I. & H. OCHI. 1987. *Systematic studies on the conducting tissues of the gametophyte in Musci. (15) The relationships between the taxonomic system and anatomical characteristics of stems in some species of Bryaceae*. Sc. Rep. Kanazawa Univ. 32: 1–67, 51 fig, 8 tab. — 13 anatomical features related to taxonomy; closest relative Mniaeae, others Bartramiaceae, Ditrichaceae.
- KITAGAWA, N. 1987. *Rhizoid bundles in Dawsonia papuana*. Acta Phytotax. Geobot. 38: 186, 1 fig. (In Japanese).
- KUO, C.-M. & T.-Y. CHIANG. 1987. Index of Taiwan mosses. Taiwania 32: 119–207. — Name list; literature references.
- KUWAHARA, Y. 1987. *Two new species of Metzgeria from New Zealand, with a key to the New Zealand species of the family Metzgeriaceae*. Mem. N.Y. Bot. Gard. 45: 561–568, 31 fig. — Some species Malesian.
- MENZEL, M. & W. SCHULTZE-MOTEL. 1987. *Studies on Peruvian bryophytes. III. Phytogeographic analysis of the distribution patterns of musci*. Mem. N.Y. Bot. Gard. 45: 371–387, 17 maps, 12 tab. — Several also Malesian; timing and pathways of migration discussed.
- LLORET, F. 1987. *Bryoerythrophyllum inaequalifolium (Tayl.) Zander, new to the European continent*. Lindbergia 13: 127–129, 1 fig. — Eastern Pyrenees.
- MIZUTANI, M. 1987. *Lejeuneaceae from Papua New Guinea collected by Dr. H. Inoue*. J. Hattori Bot. Lab. 62: 361–366. — 21 genera, 79 species, 9 new records.
- 1987. *Notes on the Lejeuneaceae. 13. Some Asiatic species of the genus Thysananthus*. J. Hattori Bot. Lab. 63: 411–419, 3 fig, 2 tab. — Thysananthus fruticosus, Th. mollis, Th. planus; notes; materials.
- MOHAMED, M. A. H. 1987. *A contribution to the moss flora of Pulau Langkawi (Malaysia)*. Mal. Nat. 40, 3/4: 54–56. — 59 species, 2 new for the Malay Peninsula, 7 endemic, no new taxa.

- & A.D.H. MOHAMAD. 1987. *The moss flora of Ulu Endau, Johore, Malaysia*. Mal. Nat. J. 41: 183–189.
- & W.D. REESE. 1988. *Syrrhopodon mammulosus* C. Muell. Bryolog. 91: 51–52, 1 fig. — New record for Pahang, Malaysia; previously known from New Caledonia.
- & B.C. TAN. 1988. *A checklist of mosses of Peninsular Malaya and Singapore*. Bryolog. 91: 24–44, 1 map. — 35 families, 134 genera, 475 taxa; 3 new combinations; 2 new names.
- MÜLLER, P. & J.-P. FRAHM. 1987. *A review of the Paraleucobryoideae (Dicranaceae)*. Nova Hedw. 45: 283–314, 13 fig. — 3 genera, Brothera monotypic Malesian.
- NOGUCHI, A. 1987. *Notulae bryologicae. XIV*. J. Hattori Bot. Lab. 62: 183–190, 4 fig. — Pterobryopsis clemensiae reduced to P. gedeensis; notes on Indian mosses.
- & H. STREIMANN. 1988. *A collection of the Pterobryaceous mosses from Papua New Guinea*. J. Jap. Bot. 63: 22–28. — 12 species, 4 new records.
- NORRIS, D.H. & T. KOPONEN. 1987. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XX. Fissidentaceae, Mitteniaceae, Phyllodrepaniaceae, Phyllogoniaceae and Sorapillaceae (Musci)*. Ann. Bot. Fennici 24: 177–219, 8 fig. — Key to distichous and pseudodistichous genera, and to Fissidens (25 sp.) and Sorapilla (1) in W. Malesia; descriptions; 16 new records; typifications.
- OCHI, H. & H. STREIMANN. 1987. *Miscellaneous additions of bryaceous mosses (Bryaceae) to the floras of Papua New Guinea and Australia*. Mem. N.Y. Bot. Gard. 45: 615–617, 7 fig. — 1 new Brachymenium, B. bryoides new for PNG (previously known from Nepal, Himalayas, S. India).
- OCHYRA, R. 1987. *A revision of the moss genus Sciaromium (Mitt.) Mitt. III. The section Platyloma Broth.* J. Hattori Bot. Lab. 63: 107–132, 7 fig. — To Platylomella, this to Hypnobartlettiaceae; discussion on the latter.
- PIIPPO, S. 1987. *Hepatics from Papua New Guinea collected by Dr. G. Shea*. J. Hattori Bot. Lab. 63: 493–498. — 67 species; Plagiochila parvifolia new; Lophocolea morobeana = Chiloscyphus kurzii.
- 1987. *Notes on Asiatic Brachytheciaceae*. Mem. N.Y. Bot. Gard. 45: 515–518, 2 fig. — Homalothecium discussed.
- RAMSAY, H.P. 1985. *Cytological and sexual characteristics of the moss Dicranoloma*. Monogr. Syst. Bot. Missouri Bot. Gard. 11: 93–110, 48 fig, 2 tab, 1 app.
- REESE, W.D. 1987. *Calymperes (Musci: Calymperaceae): world ranges, implications for patterns of historical dispersion and speciation, and comments on phylogeny*. Brittonia 39: 225–237, 16 fig.
- 1987. *Nomenclature of paleotropical Calymperaceae, with description of Syrrhopodon meijeri, sp. nov.* Bryol. 90: 201–211, 11 fig. — Synonymy and range of records for Calymperes (1 new combination), Mitthyridium, Syrrhopodon.
- 1987. *World ranges, implications for patterns of historical dispersal and speciation, and comments on phylogeny of Syrrhopodon (Calymperaceae)*. Mem. N.Y. Bot. Gard. 45: 426–445, 28 maps. — 81 taxa accepted.

- & I.G. STONE. 1987. *New records of Australian Calymperaceae and keys to Australian species of Calymperes, Mitthyridium, and Syrrhopodon*. J. Bryol. 14: 487–493.
- & R.H. ZANDER. 1988. *Comparison of Calymperaceae with Pottiaceae*. Bryolog. 91: 18–20, 1 tab. — Both families mutually polythetic; key.
- RISSE, S. 1987. *Rhizoid gemmae in mosses*. Lindbergia 13: 111–126, 1 fig, 2 tab. — Lists of 82 European, 36 non-European species.
- ROBINSON, H. 1985. *The structure and significance of the leucobryaceous leaf*. Monogr. Syst. Bot. Missouri Bot. Gard. 11: 111–120, 27 fig. — Redelimitation of family.
- ROSARIO, R.M. DEL. 1986. *Philippine endemic mosses*. Guide to Philippine Flora and Fauna 1: 291–363, 69 fig. Goodwill Bookstore, Rizal Ave., POB 2942, Manila, ISBN 971-1026-18-X. Price unknown, but probably not expensive. — Survey of 116 taxa of 29 families, nearly all depicted and described, no keys; glossary; very useful, once you know that the moss in hand is a Philippine endemic.
- ASTRE-DE JESUS, I. 1987. *Revision of the Cyrtopodaceae and transfer of Cyrtopoden-dron to the Pterobryaceae*. Mem. N.Y. Bot. Gard. 45: 709–721, 6 fig, 1 tab. — Key to genera.
- SCHUSTER, R.M. & J.J. ENGEL. 1987. *A monograph of Lepidoziaceae subfam. Lembi-doideae (Hepaticae)*. J. Hattori Bot. Lab. 63: 247–350, 28 fig, 1 tab. — Keys, discussions, descriptions; several new taxa.
- SCOTT, G.A.M. & D.C. PIKE. 1987. *The Fossombronia foveolata complex*. Lindbergia 13: 79–84, 5 fig, 1 tab. — Discriminant analysis on spores and elaters; Fossombronia brasiliensis, F. salina, F. texana p.p., F. zeyheri reduced to F. foveolata; F. japonica = F. cristula.
- SHARP, A.J. 1987. *Some hepatics with interesting distributions*. Bryol. 90: 362–364, 1 map. — For example Acrobolbus ciliatus, Gymnomitrium laceratum, Takakia lepidozoides.
- SHAW, J. 1987. *Evolution of heavy metal tolerance in Bryophytes. II. An ecological and experimental investigation of the 'Copper moss', Scopelophila cataractae (Pottiaceae)*. Am. J. Bot. 74: 813–821, 2 fig, 2 tab.
- & L.E. ANDERSON. 1986. *Morphology and homology of the peristome teeth in Hymenodon and Hymenodontopsis (Rhizogoniaceae: Musci)*. Syst. Bot. 11: 446–454, 19 fig. — Hymenodon parvulus possibly a Powellia (Racopilaceae) or an undescribed genus.
- SMITH MERRILL, G.L. 1987. *Notes on Asiatic Polytrichaceae I, II*. Mem. N.Y. Bot. Gard. 45: 466–469, 1 fig. — Plagioracelopus proposed, with 2 species; author to be cited as 'Smith Merrill' or 'G.L.S. Merrill', but not as 'Merrill' to avoid confusion with the famous Dr. E.D. Merrill.
- SPENCE, J.R. 1987. *A proposed reclassification of Bryum, Anemobryum and Brachy-menium (Musci, Bryaceae)*. J. Bryol. 14: 659–676, 9 tab, 1 app. — Preliminary research suggests that Anemobryum be reduced, Brachy-menium partly.

- TAN, B.C. 1987. *New records of Philippine mosses*. Mem. N.Y. Bot. Gard. 45: 446–454, 4 fig. — 11 new species, 1 undescribed *Mitthyridium*; *Plagiotheciopsis philippensis* reduced.
- THIERS, B.M. 1987. *A preliminary account of Colura (Hepaticae, Lejeuneaceae) in Australia*. Brittonia 39: 175–179, 11 fig. — 10 species, 1 new, 4 new records, 1 new section; key.
- TOUW, A. & R. OCHYRA. 1987. *Additional notes on Neckeropsis*. 2. Lindbergia 13: 97–104, 3 fig. — 2 new comb.; reductions; additions to key; ecology; distribution maps.
- WATANABE, R. 1987. *Dr. Z. Iwatsuki's collection of New Caledonian and Fijian Thuidiaceae (Muscii)*. J. Jap. Bot. 62: 89–93, 1 fig. — 8 species, *Hypnum kuripanum* = *Thuidium kuripanum*.
- YAMADA, K. 1987. *A preliminary study of the genus Radula from Queensland, Australia*. J. Hattori Bot. Lab. 62: 191–200, 2 fig. — 22 species, some Malesian; keys.

PTERIDOPHYTES

- ASH, J. 1987. *Demography of Cyathea hornei (Cyatheaceae), a tropical tree-fern in Fiji*. Austr. J. Bot. 35: 331–342, 9 fig, 1 tab.
- BHARGAVAN, P. & K. VIVEKANTHIAN. 1987. *Huperzia ceylanica (Spreng.) Trev. (Huperziaceae) – A rare and little known pteridophyte from South India*. J. Econ. Tax. Bot. 9: 257–258. — Also in Malesia.
- BIDIN, A. & R. JAMAN. 1986. A new species of *Platycerium* from Peninsular Malaysia. Gard. Bull., Singapore 39: 149–151, 2 fig.
- BROWNSEY, P.J. 1987. *A review of the fern genus Hypolepis (Dennstaedtiaceae) in the Malesian and Pacific regions*. Blumea 32: 227–276, 17 fig, 1 tab. — 15 taxa, 4 new; key, descriptions, distribution, collector's list.
- & R.J. CHINNOCK. 1987. *A taxonomic revision of the Australian species of Hypolepis*. J. Adelaide Bot. Gard. 10: 1–30, 14 fig. (incl. maps), 1 tab. — 8 species, 1 new, also in Malesia, India, Sri Lanka, New Caledonia; descriptions, key.
- DAGAR, J.C. & H.S. DAGAR. 1987. Some useful pteridophytes of Andaman and Nicobar Islands. J. Econ. Tax. Bot. 9: 317–323. — List of 46 species.
- DARNAEDI, D. 1987. *Cytotaxonomy of Dryopteris sparsa in Gunung Gede-Pangrango National Park*. Floribunda 1: 5–8, 2 fig, 1 tab. (In Indonesian). — First record for Malesia of the diploid and triploid forms ($x = 41$).
- DATTA, A. '1985' 1987. *Rheede's ferns in Hortus Malabaricus*. Bull. Bot. Surv. India 27: 129–141. — Nomenclatural history, present correct names.
- *DAVIES, R.A. & K.M. LLOYD. 1987. *Kew Index for 1986: 179–195*. — In the new concept of the Index Kewensis annual issues will be published, now also including new names in the Pteridophyta and allies! After 5 issues the names will be bundled in the next Supplement of the Index Kewensis, exclusive the ferns and allies!

- DIXIT, R.D. & B. GHOSH. '1985', 1987. *On the rediscovery of four rare species of ferns from India*. Bull. Bot. Surv. India 27: 116–119, 1 fig. — E.g. *Lindsaea javanensis*, *L. lucida*.
- GRIMES, J.W. & B.S. PARRIS. 1986. *Index of Thelypteridaceae*. 50 pp. Royal Botanic Gardens, Kew. £ 6.30 + p. & p. £ 7.25. ISBN 0-947643-03-6. — List of all specific epithets recorded in K up to 1986, basionyms, authors, dates of publication, generic identity.
- HAUKE, R.L. 1987. *The ochreole of Equisetum: a prophylar sheath*. Am. Fern J. 77: 115–123, 20 fig.
- HENNIPMAN, E. 1987. *A new species of Lecanopteris (Polypodiaceae) from the Philippines*. Blumea 32: 311–312. — For *L. carnosa* p.p.
- & G.P. VERDUYN. 1987. *A taxonomic revision of the genus Lecanopteris (Polypodiaceae) in Sulawesi, Indonesia*. Blumea 32: 313–319, 1 fig. — 8 species, 2 new; key, description.
- HEUSSER, C.J. & D.M. PETEET. 1988. *Spores of Lycopodium and Selaginella of North Pacific America*. Canad. J. Bot. 66: 508–525, 64 fig.
- HICKEY, R.J. 1986. *The early evolutionary and morphological diversity of Isoëtes, with descriptions of two new neotropical species*. Syst. Bot. 11: 309–321, 15 fig, 3 tab. — Analyses on the distribution of alate leaves and scales, peripheral fibrous bundles, sporangial pigmentation indicate major phylogenetic lineages.
- HILL, C.R. & J.M. CAMUS. 1986. *Evolutionary cladistics of Marattialean ferns*. Bull. Brit. Mus. (Nat. Hist.), 14: 219–300, n.v. — Review by N.I. Platnik in Cladistics 2 (1986) 288–296.
- HOLTTUM, R.E. 1986. *Studies in the fern-genera allied to Tectaria Cav. VI. A conspectus of genera in the Old World regarded as related to Tectaria, with descriptions of two genera*. Gard. Bull., Singapore 39: 153–167, 3 fig. — New section in Tectaria; new genus Chlamydogramme for Gymnopteris hollrungii; new genus Megalastrum for the Lastrea villosa group; key to Old World genera.
- HUGHES, R.H. 1987. *A new variety of Platycerium bifurcatum (Cav.) C. Chr. ssp. willinckii (T. Moore) Hennipman & Roos*. Pteridologist 1: 157–158, fig. — Not a variety, but a race; subspecies new for Australia.
- *INADA, M. 1987. *The Pteridophyta of Taiwan*. The Nippon Fernist Club: 36 pp, ill. (In Japanese). — Checklist.
- KATO, M. 1987. *A phylogenetic classification of Ophioglossaceae*. Gard. Bull., Singapore 40: 1–14, 4 fig, 2 tab. — Cladistic approach; Botrychium split up.
- 1987. *Floristic richness and phytogeography of Seram pteridophytes*. Acta Phytotax. Geobot. 38: 57–62, 3 fig, 1 tab. (In Japanese).
- & K. IWATSUKI. 1985. *An unusual submerged aquatic ecotype of Asplenium laterale*. Amer. Fern J. 75: 73–76, 3 fig. — Submerged aquatic form in Ceram.
- & — 1985. *Juvenile leaves and leaf ramification in Phanerosorus major (Matoniaceae)*. Acta Phytotax. Geobot. 36: 139–147, 6 fig.

- KHARE, P.K. & R. SHANKAR. 1987. *Variations in petiolar structure of Hypodematum crenatum*. Am. Fern J. 77: 131–136, 2 fig.
- KIEW, R., et al. 1987. *The ferns and fern-allies of Ulu Endau, Johore, Malaysia*. Mal. Nat. J. 41: 191–200, 4 fig, 1 app. — Ca. 33% of the Peninsular Malaysian species are found here!; *Schizaea fistulosa* new for Peninsular Malaysia.
- KOLLER, A.L. & S.E. SCHECKLER. 1986. *Variations in Microsporangia and microspore dispersal in Selaginella*. Am. J. Bot. 73: 1274–1288, 36 fig, 2 tab. — 5 anatomical types.
- KRAMER, K.U. 1987. *A brief survey of the dromy in fern leaves, with an expanded terminology*. Bot. Helv. 97: 219–228, 10 fig.
- LELLINGER, D.B. 1987. *The disposition of Trichopteris (Cyatheaceae)*. Am. Fern J. 77: 90–94. — Included in Cyathea; key to neotropical Cyatheaceae genera; 11 new combinations.
- MA, Y.-L. 1987. *Studies on the Chinese Woodsiaceae (3) – Phylogeny and speciation*. Acta Phytotax. Sin. 25: 299–306, 4 fig. (In Chinese, English summ.).
- IMITSUTA, S. 1985. *Nine new records of ferns to Thailand flora*. Acta Phytotax. Geobot. 36: 148. — In Phu Kradung.
- MOY, C.J. 1988. *Variations of fern spore ultrastructure as reflections of their evolution*. Grana 27: 39–51, 4 fig, 3 tab. — Arthropteris, Bolbitis, Ctenitis, Davallia, Elaphoglossum, Humata, Leucostegia, Lomariopsis, Nephrolepis, Oleandra, Polybotria, Tectaria.
- NAYAR, M.P. & H.S. DEBNATH. 1987. *Etymology of ferns in India*. J. Econ. Tax. Bot. 9: 357–366. — Of generic names.
- PHIRI, P.S.M. & E. LAUNERT. 1985. *A morphological study of the hairs of Marsilea L. Garcia de Orta*, Bot. 7: 19–32, 3 fig, 26 pl, 2 tab.
- PICHI SERMOLLI, R.E.G. 1987. *A look at the chromosome numbers in the families of the Pteridophyta*. Webbia 41: 305–314, 1 tab.
- PRICE, M.G. 1987. *Sabah ferns collected by John H. Beaman*. Contr. Univ. Michigan Hb. 16: 189–200, 4 fig. — Critical notes on selected species; *Adiantum opacum*, *Tectaria balabacensis* new records; 1 new species and 2 new combinations in *Diplazium*; 1 new name in *Grammitis*; 1 new combination in *Prosaptia*, *Selliguea*.
- SAIKI, Y. 1987. *Notes on ferns (5). On the genus Lemmaphyllum Presl*. J. Phytogeogr. & Taxon. 35: 75–80, 2 fig. (In Japanese and English). — Distinguished from *Lepidogrammitis* and *Pleopeltis* (*Lepisorus*); key; 1 new species from Yunnan; *Weatherbya* reduced to *Lepidogrammitis*, 2 new combinations.
- SATIJA, C.K. & S.S. BIR. 1985. *Polypodiaceous ferns of India*. Asp. Pl. Sc. 8: viii, 131 pp, app., 9 fig. — Catalogue of Indian taxa: 4 families, 25 genera, 131 species; synonymy, distribution, ecology, notes; no keys.
- SHARMA, B.D., et al. '1985', 1987. *Isoetes in Rajasthan. – A systematic study*. Bull. Bot. Surv. India 27: 58–62, 18 fig. — *Isoetes tuberculata* = *I. coromandelina*.

- SHEFFIELD, A. & P.R. BELL. 1987. *Current studies of the pteridophyte life cycle*. Bot. Rev. 53: 442–490, 16 fig. — Important survey of ultrastructural and cytochemical features of gametogenesis.
- SMITH, A.R. 1987. *New combinations in Megalastrum (Dryopteridaceae)*. Am. Fern J. 77: 124–130, 1 fig.
- TABBADA, R.A. & L.V. TENORIO-BORJA. 1986. *Soil copper levels and the distribution and growth of Pteris melanocaulon Fee*. Nat. & Appl. Sc. Bull. 38: 19–24, 4 fig., 4 tabs. — This copper indicator and accumulator likes soil with more than 300 ppm Cu.
- WALKER, T.G. 1987. *A population of Botrychium lanuginosum Wall. ex Hook. & Grev. from Papua New Guinea and its relevance to hybridisation in pteridophytes with subterranean gametophytes*. Bot. Helv. 97: 207–218, 6 fig, 1 tab. — Subterranean nature not an effective barrier to hybridisation.
- WHITTIER, D.P. 1987. *Germination of Helminthostachys spores*. Am. Fern. J. 77: 95–99, fig.
- YOROI, R. & M. KATO. 1987. *Wild gametophytes of Phanerosorus major (Matoniaceae)*. Am. J. Bot. 74: 354–359, 20 fig. — From Ceram.
- YU, R.-M., et al. 1987. *Chemotaxonomic studies on equisetaceous plants in China*. Acta Phytotax. Sin. 25: 294–298, 3 fig. (In Chinese, English summ.). — Hippochaete distinct from Equisetum.
- 1986. *Philippine economic ferns*. In: Guide to Philippine flora and fauna 2: 6–72, 55 fig, 6 tab. ISBN 971-1026-20-1. — Account of 54 taxa; descriptions; illustrations; glossary; no keys.
- ZAMORA, P.M. & L. CO. 1986. *Philippine endemic ferns*. In: Guide to Philippine flora and fauna 2: 75–210, 45 fig, 1 tab. ISBN 971-1026-20-1. — Account of 278 taxa; descriptions; illustrations; glossary; no keys.
- ZIJLSTRA, G., et al. 1987. *Correct application of Goniophlebium (Polypodiaceae)*. Taxon 36: 759. — Name refers to an Asian genus, not an American one.

SPERMATOPHYTES AND GENERAL

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- ACKERMAN, J.D. 1986. *Mechanisms and evolution of food-deceptive pollination systems in orchids*. Lindleyana 1: 108–113, 1 tab.
- ADAMS, L.G. 1987. *Philydraceae*. Fl. Australia 45: 40–45, 454, fig. 29, maps 41–46.
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- ALMEIDA, M.R. & S.M. ALMEIDA. 1987. *Identity of 'Bahel schulli' of Hortus Malabaricus.* J. Bomb. Nat. Hist. Soc. 83, Suppl.: 221–222. — *Hygrophila schulli* (Hamilt.) comb. nov. for *H. spinosa* (Acanthaceae).
- 1987. *Notes on identification of some unidentified plant-species in Hortus Malabaricus.* J. Bomb. Nat. Hist. Soc. 83, Suppl.: 222–224. — *Hymenodictyon excelsum* = *H. rheedii* (R. & S.) comb. nov. (Rubiaceae).
- AL-NOWAIHI, A.S., et al. 1987. *A contribution to the taxonomy of Boraginaceae.* Phytologia 62: 107–125, 1 fig, 5 tab. — Macro- and micro-floral characters of 34 taxa studied and used for a relational study; *Heliotropium* seems most primitive; discussion of evolution within the family.
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- *ANONYMUS. 1986. *The vanishing forest.* 89 pp. The Independent Commission on International Humanitarian Issues. Zed Books, London, republished by The Malayan Nature Society, 17 Jalan SS2/53, 47300 Petaling Jaya, Selangor, Malaysia. Mal. \$ 4.00. — Not seen. Review by C.T. Samuel in Wallaceana 47 January (1987) 16: ‘Lucid, accessible report, valuable introduction on effects of deforestation on human communities for laymen and scientists.’
- *ANONYMUS. 1987. *Proceedings of the Conference on 'Forest resources crisis in the Third World.'* 6–8 September 1986: 510 pp, ill. Sahabat Alam Malaysia. — A collation of very pessimistic and thought-provoking articles. See also Appendix 1: Open letter to mr. Clausen of the World Bank by P. Goldsmith.
- ANURADHA, S.M.J., et al. 1987. *Chemotaxonomy of some species of Indigofera L.* Feddes Repert. 98: 499–503, 5 tab. — 9 species, closely related; subgen. *Sphaeridiophora* reduced to subgen. *Indigofera*; *Simplicifoliae* united with *Sessilifoliae*; retention of *Dissitiflorae* (incl. *I. spicata*) and *Tinctoriaeae*.
- 1987. *Numerical chemotaxonomy of some Mimosaceae.* Feddes Repert. 98: 247–252, 1 fig, 4 tabs. — 18 species of 10 genera studied.
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- ARCY, W.G.D. D' ('W.G.D.'). 1987. *The circumscription of Lycopersicon.* Solanaceae Newslet. 2/5: 60–61.
- ARENDS, J.C. & F.M. VAN DER LAAN. 1986. *Cytotaxonomy of the Vandaeae.* Lindleyana 1: 33–41, 8 fig, 2 tab. — Basic numbers 19, 20; 3 subtribes.
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- 1987. *Pontederiaceae*. Fl. Australia 45: 46–55, fig. 30, 31, maps 47–52.
- 1987. *Sparganiaceae*. Fl. Australia 45: 6–8, maps 8, 9.
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- BAILLIE, I.C., et al. 1987. *Site characteristics and the distribution of tree species in Mixed Dipterocarp forest on Tertiary sediments in Central Sarawak, Malaysia*. J. Trop. Ecol. 3: 201–220, 1 map, 3 tab.
- BAKER, A., et al. 1988. *Growing for gold ... and copper ... and zinc*. New Sc. 1603 (10 March): 44–48, ill. — On plants that accumulate heavy metals, e.g. nickel in Phyllanthus lamprophyllus (on Palawan), Rinorea bengalensis, and may serve as indicators of ore deposits. See also Thurman & Hardwick, 1988.
- BALGOOY, M.M.J. VAN, et al. 1987. *The phytogeographical position of Sulawesi (Celebes)*. In P. Hovenkamp, et al., Systematics and Evolution: a matter of diversity, Utrecht: 263–270, 2 fig, 2 tab. — Floristic affinity by cluster analysis at species and generic level shows clear boundary with Borneo; at species level strongest affinity with the Moluccas, at generic level with the Philippines and New Guinea; western and eastern floristic districts due to different geological origin apparently obliterated in the 15 My after the collision.
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- BARABÉ, D., et al. 1987. *La répartition des caractères dans la classification des Hamamelididae (Angiospermae)*. Can. J. Bot. 65: 1756–1767, 3 fig, 2 tab. — Numerical analysis of floral and vegetative characters showed little congruence due to heterobathmic evolution.
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- BASU, S.K. 1987. *Dwarf Corypha utan*. Principes 31: 162–164, 5 fig. — Description; notes on *Arenga pinnata* and *Caryota mitis*.
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- BENZING, D.H. 1986. The genesis of orchid diversity: emphasis on floral biology leads to misconceptions. Lindleyana 1: 73–89, 23 fig.
- 1987. Vascular epiphytism: taxonomic participation and adaptive diversity. Ann. Missouri Bot. Gard. 74: 183–204, 13 fig, 1 tab. — Important ecological survey; especially moisture supply determines where a particular type of epiphyte will survive.
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- *BEUSEKOM, C.F., et al. (Eds.). 1987. *Tropenbos, wise utilization of tropical rain forest lands*. — See Reviews.
- BHARGAVAN, P. & R. RAJAN. 1987. Two noteworthy sedges from South India. J. Econ. Tax. Bot. 9: 252–254. — *Scleria pergracilis* new.
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- & H. MOHR. 1988. Two new species of the genus *Paphiopedilum*. Schlechteriana 1: 15–22, 4 fig. — One from 'Kilimantan' (Kalimantan), one from Bacan, the latter known from one locality only; one wonders where the authors obtained their specimens from; the first one was convicted for illegal orchid smuggling in the Netherlands.

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- BRIGGS, J.C. 1987. *Antitropical distribution and evolution in the Indo-West Pacific Ocean.* Syst. Zool. 36: 237–247, 5 maps. — Such distribution explained by 'relict theory'; Malesia a center for evolutionary origin.
- *BROOKS, R.R. 1987. *Serpentine and its vegetation. A multidisciplinary approach.* 454 pp. Croom Helm Ltd., Beckenham, U.K. ISBN 0-7099-5063-2. — A very thorough survey; some aspects of Malesia discussed on pp. 316–329 with species lists of Obi, Palawan; survey of origin of serpentine flora of Celebes.
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- BURNS-BALOCH, P. & V.A. FUNK. 1986. *A phylogenetic analysis of the Orchidaceae: a summary.* Lindleyana 1: 131–139, 1 fig, 2 tab. — See Dressler, 1987, for comment.
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- CARLQUIST, S. 1987. *Presence of vessels in wood of Sarcandra (Chloranthaceae); comments on vessel origin in Angiosperms.* Am. J. Bot. 74: 1765–1771, 10 fig. — Vessels in the root secondary xylem.
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- CAROLIN, R. 1987. *A review of the family Portulacaceae.* Austr. J. Bot. 35: 383–412, 10 fig, 3 app. — Cladistic and biogeographical study: 5 tribes, Calandrinia may be divided into 5; Talinum may not be natural.
- CHAKRABARTY, T. & N.P. BALAKRISHNAN. '1985', 1987. *A note on the genus Ostodes (Euphorbiaceae).* Bull. Bot. Surv. India 27: 259–260. — 2 new var. of O. paniculata.
- CHALERMPONGSE, A. 1987. *Mycorrhizal survey of dry-deciduous and semi-evergreen dipterocarp forest ecosystems in Thailand.* In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 81–103, 1 map, 5 tab.

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- CHEN, S.-C. & Z.-H. TSI. 1987. *Eria medongensis*, a probably peloric form of *Eria coronaria*, with a discussion on peloria, in Orchidaceae. Acta Phytotax. Sin. 25: 329–339, 2 fig. (In Chinese, lengthy English summ.) — Interesting survey.
- CHEN, X.-X. 1987. New records of Spermatophytes from Guangxi. Guihaia 7: 301–302. (In Chinese). — E.g. Boerhaavia erecta, Chlorophytum malayense, Mitrasacme pygmaea var. grandiflora, Mitreola reticulata, Strychnos umbellata, Uvaria grandiflora.
- CHENG, C.-Y., et al. 1988. Aristolochiaceae. Fl. Reipubl. Pop. Sin. 24: 159–245, 26 fig. — 4 genera, 72 species.
- CHEO, T.-Y. (Ed.). 1987. Cruciferae, trib. Stanleyae to Sisymbrieae. Fl. Reipubl. Pop. Sin. 33: 483 pp., ill.
- CHIAYVAREESAJJA, S., et al. 1987. Thai piscicidal plants. I. J. Sc. Soc. Thailand 13: 29–45, 1 tab. — 221 species tested on Tilapia, 4 extremely active (*Diospyros sumatrana*, *Sapindus emarginatus*, *S. rarak*, *Schima wallichii*), 14 with good results, 67 moderate.
- CHILD, A. 1987. The cultivated genera of Solanaceae (Europe mainly). Solanaceae Newslet. 2/5: 13–37. — Extensive key to the genera.
- CHRISTENSON, E.A. 1987. An infrageneric classification of *Holcoglossum* Schltr. (Orchidaceae: Sarcanthinae) with a key to the genera of the Aerides-Vanda alliance. Notes Roy. Bot. Gard., Edinburgh 44: 249–256, 1 fig. — 1 sect. nov., 1 sp. nov., 4 comb. nov.; key to Holcoglossum.
- 1987. Schlechter's New Guinea collections of Orchidaceae conserved at the Missouri Botanical Garden. Lindleyana 2: 46–47.
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- CHUPOV, V.S. 1987. On the genera *Geitonoplesium* and *Simethis* position in the system. Bot. Dzj. 72: 904–908, 2 tab. (In Russian).

- CLASSEN, R. 1987. *Morphological adaptations for bird pollination in Nicolaia elatior (Jack) Horan. (Zingiberaceae)*. Gard. Bull. Singapore 40: 37–43, 4 fig. — Pollinated by Anthreptes malaccensis, a sunbird.
- CLIFFORD, H. T. (Ed.). 1987. *Liliaceae*. Fl. Australia 45: 148–419, 466–496, col. pl. 7–20, fig. 55–125, maps 165–477. — In Cronquist's broad sense, i.e. incl. Alliaceae, Amaryllidaceae.
- CONRAN, J.G. 1987. *Variation in Eustrephus R. Br. ex Ker-Gawler and Geitonoplesium Cunn. ex R. Br. (Asparagales: Liliaceae)*. Muelleria 6: 363–369, 2 fig (1 map). — No infraspecific taxa in E. latifolius and G. cymosum can be maintained.
- COODE, M.J.E. 1987. *Crinodendron, Dubouzetia and Peripentadenia, closely related in Elaeocarpaceae*. Kew Bull. 42: 777–814, 14 fig, 1 col. pl, 5 tab. — Revision; keys; notes; Dubouzetia with 3 (new) sections, new for Australia (N. Terr.) with 1 new species.
- COOK, C.D.K. & M.S. NICHOLLS. 1987. *A monographic study of the genus Sparganium (Sparganiaceae). Part. 2. Subgenus Sparganium*. Bot. Helv. 97: 1–44, fig. 13–23, maps 14–22, tab. 4. — Sparganium simplex of Sumatra and New Guinea (cf. Fl. Males. I, 4, 1951, 233) is S. fallax; in New Guinea also S. subglobosum.
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- *CRIBB, P. 1987. *The genus Paphiopedilum*. Kew Mag. Monogr. 222 pp, 56 col. pl, 60 fig, 15 maps. ISBN 0-600-30750-6. — Very important work; beautifully illustrated; keys; descriptions of 2 subgenera, 7 sections, 60 species; some new combinations; cultivation methods.
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- DASSANAYAKE, M.D. & F.R. FOSBERG. 1988. *A revised handbook to the flora of Ceylon*. 6: x, 424 pp, ill. Balkema, Rotterdam. ISBN 90-6191-069-2. Price unknown. — Ancistrocladaceae (N.A. Hartiman, 1 genus, 1 species), Aponogetonaceae (H.W.E. van Bruggen, 1/4), Araceae (D.H. Nicolson, 22/49 and a number of cultivated spp.), Balanophoraceae (F. Fagerlind, 1/1), Daticaceae (D.B. Sumithraarachchi, 1/1), Dipsacaceae (M.D. Dassanayake, 1/1), Droseraceae (K.L.D. Amaralunga, 1/3), Geraniaceae (M.D. Dassanayake, 1/1), Hernandiaceae (D.B. Sumithraarachchi, 2/2), Loranthaceae (D. Wiens, 7/21, 1 comb. nov.), Magnoliaceae (H.P. Nooteboom, 1/2), Melastomataceae (K. Bremer, 11/77), Nepenthaceae (K.L.D. Amaralunga, 1/1), Ochnaceae (A. Kanis, 2/4), Oleaceae (P.S. Green, 4/10), Piperaceae (H. Huber, 3/18, 1 comb. nov.), Polygalaceae (D.B. Sumithraarachchi, 2/12), Punicaceae (M.D. Dassa-

- nayake, 1/1), Rubiaceae (Geophila, 1 sp., by F.R. Fosberg, Neurocalyx, 4 spp., by B. Bremer, Psychotria, 13 spp., 1 var. nov., by S.H. Sohmer), Solanaceae (F.N. Hepper, 9/27, key to 13 cultivated Solanum spp.), Valerianaceae (N.A. Harriman, 1/1), Viscaceae (D. Wiens, 4/9), Zygophyllaceae (M.D. Dassanayake, 1/2).
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- & T. KUSWARA. 1987. *Observations on Pigafetta filaris*. Principes 31: 127–137, 12 fig, 7 tab. — Phenology.
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- & M. GANGOPADHYAY. 1987. *Taxonomic study of the genus Brachytome Hook. f. (Rubiaceae)*. Candollea 42: 351–360, 4 fig. — Revision; key; 2 new species; descriptions.
- DECKER, D. 1988. *Origin(s), evolution, and systematics of Cucurbita pepo (Cucurbitaceae)*. Econ. Bot. 42: 4–15. — Possibly polytopic origin from C. texana and/or C. fraterna; 2 subspecies, 3 varieties (4 comb. nov.).
- DENSLOW, J.S. 1987. *Tropical rainforest gaps and tree species diversity*. Ann. Rev. Ecol. Syst. 18: 431–451.
- DEFILIPPS, R.A. 1987. *A bibliography of plant conservation in the Pacific Islands: endangered species, habitat conversion, introduced biota*. Atoll. Res. Bull. 311: 195 pp, 1 map. — A companion to Jacobs & De Boo's Bibliography (1982) for Indonesia.
- DICKISON, W.C. 1986. *Wood anatomy and affinities of the Alseuosmiaceae*. Syst. Bot. 11: 214–221, 12 fig, 1 tab. — In or near woody Saxifragaceae.
- 1987. *A palynological study of the Staphyleaceae*. Grana 26: 11–24, 6 fig, 1 tab. — All 5 genera studied; rather uniform; inclusion of Bischofia not supported.
- DIXIT, A.S., et al. 1987. *The occurrence of Eleusine africana Kennedy O'Byrne in India and its significance in the origin of Eleusine coracana*. Proc. Ind. Acad. Sc., Pl. Sc. 97: 1–10, ill. (n.v.).
- DONKELAAR, R. VAN. 1987. *De reus en de dwerg*. Hoya Nieuwsbrief 5: 12–19, 2 col. pl, 3 fig. (In Dutch). — Descriptions of Hoya imperialis and H. parviflora.

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- & K.M. WONG. 1987. *A new species of Livistona (Palmae) from Peninsular Malaysia*. Mal. Nat. J. 41: 119–123.
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- 1986. *Recent advances in orchid phylogeny*. Lindleyana 1: 5–20, 6 fig. — Cladistic survey.
- 1987. *Cladistic analysis of the Orchidaceae: a commentary*. Lindleyana 2: 66–71, 2 fig. — Against Burns-Baloch & Funk, 1986, see above.
- *— 1987. *Die Orchideen. Biologie und Systematik der Orchidaceae*. Eugen Ulmer Verlag, Stuttgart. 394 pp, 125 fig, 95 col. pl. ISBN 3-8001-6331-4. — German translation of 'The orchids' (1981).
- DUISTERMAAT, H. 1987. *A revision of Oryza (Gramineae) in Malesia and Australia*. Blumea 32: 157–193, 5 fig, 1 tab. — 9 spp., 2 vars., 1 comb. nov.; validation of Oryzoideae, however, previously validated by Caro, 1982, see above; key to genera, *Oryza* species; descriptions; collectors' index.
- DUKE, N.C. & B.R. JACKES. 1987. *A systematic revision of the mangrove genus Sonneratia (Sonneratiaceae) in Australasia*. Blumea 32: 277–302, 7 fig, 1 tab. — 7 taxa, several hybrids; key, descriptions; index to collectors.
- DUNLOP, C.R. 1987. *Checklist of vascular plants of the Northern Territory*. Techn. Rep. Conserv. Comm. N. T. 26: 87 pp, 1 map. — Updated, unpublished editions may be obtained by writing to either DNA or NT.
- DUTT, C.B.S., et al. 1987. *Chemosystematics of some Indian members of the tribe Phaseoleae (Fabaceae)*. Feddes Repert. 98: 589–593, 1 tab. — Subtribes elevated to tribes; *Clitoria* to *Phaseoleae* s.s., *Butea* to *Galactieae*; *Rhynchosia minima* var. *laxiflora* a species.
- *DY PHON, P. 1987. *Morphologie et phylogénie du genre Uraria (Leguminosae–Papilio-noideae)*. 2 Vol. 303 pp, ill. Ph.D. Thesis, Paris. Photocop. (In French) (n.v.). — First volume text, second atlas; phylogeny and affinity by computer methods.
- ECKENWALDER, J.E. & S.C.H. BARRETT. 1986. *Phylogenetic systematics of Pontederiaceae*. Syst. Bot. 11: 373–391, 6 fig, 3 tab, 1 app.
- EICHLER, H.-J. 1987. *Nomenclatural and bibliographic survey of Hydrocotyle L. (Apiales)*. Part I. Feddes Repert. 98: 1–51. — Alphabetical, critical list of 1380 names relevant to *Hydrocotyle*.

- 1987. *Nomenclatural and bibliographic survey of Hydrocotyle L. (Apiaceae). Part II.* Feddes Repert. 98: 145–196. — 1 new name for a Thai species (*H. craibii*).
- 1987. *Nomenclatural and bibliographical survey of Hydrocotyle L. (Apiaceae). Part III.* Feddes Repert. 98: 273–351. — Last part; indices.
- ELIASSON, U.H. 1988. *Floral morphology and taxonomic relations among the genera of Amaranthaceae in the New World and the Hawaiian islands.* Bot. J. Linn. Soc. 96: 235–283, 71 fig. — Based on characters of the androecium and gynoecium; flower and pollen morphology; key to the genera; brief notes on each genus.
- ELLIOTT, S.D. & J. BRIMACOMBE. 1986. *Pharmacy needs tropical forests.* Manufacturing Chemist (Oct. 1986) 31–34, 5 fig. — The pharmaceutical industry has a vested interest in the conservation of these natural resources.
- & J. BRIMACOMBE. 1987. *The medicinal plants of Gunung Leuser National Park, Indonesia.* J. Ethnopharmacol. 19: 285–317, 1 map. — Use of 158 taxa briefly described.
- ELLIS, J.L. '1985', 1987. *Oryza inandamanica Ellis, a new rice plant from islands of Andamans.* Bull. Bot. Surv. India 27: 225–227, 1 col. pl, 7 fig. — Probably identical with *Oryza meyeriana* var. *meyeriana*, and then first record outside Malesia.
- ENDRESS, P.K. 1987. *The Chloranthaceae: reproductive structures and phylogenetic position.* Bot. Jb. 109: 153–226, 196 fig, 2 tab. — *Chloranthus* and *Sarcandra* have true bisexual flowers; male catkins of *Hedyosmum* are inflorescences; phylogenetic key position: best fit in the Laurales closest to Amborellaceae, Trimeniaceae; possible connections with Piperales, and via Trochodendrales with the Hamamelididae
- ESNAULT, M.-A. & A. HUON. 1987. *Études morphologiques et caryologiques du Bromus rigidus et Bromus diandrus Roth: relations taxonomiques.* Bull. Soc. Bot., France 134: 299–304, 3 fig, 2 tab. (Engl. summ.). — Cannot be distinguished on morphological characters; part of polyploid complex. See Eriks & Smit, Fl. Males. Bull. 9, 1987, 384, for similar conclusions.
- ESSIG, F.B. 1987. *A new species of Ptychosperma (Palmae) from New Britain.* Principes 31: 110–115, 4 fig.
- FEHRENBACH, S. & W. BARTHLOTT. 1988. *Mikromorphologie der Epicuticular-Wachse der Rosales s.l. und deren systematische Gliederung.* Bot. Jb. 109: 407–428, 24 fig. (In German, Engl. summ.). — Wax sculptures often diagnostic at infra-familial level.
- FERGUSON, I.K., et al. 1987. *The pollen morphology of the tribe Borasseae (Palmae: Coryphoideae).* Kew Bull. 42: 405–422, 10 fig, 1 tab. — 7 genera, 14 spp. studied; key to genera.
- FISHER, J.B., et al. 1987. *The flowering and fruiting of Corypha umbraculifera in Miami, Florida.* Principes 31: 68–77, 4 fig, cover, 1 tab.
- FISHER, P.M.J. 1987. *Exotic and other Eucalypts occurring naturally outside Australia.* Austr. Pl. 14: 121–124. — None truly Eucalyptus after the rigorous split-up recently advocated.

- FLEMING, C.A. 1987. *Comments on Udvardy's biogeographical realm Antarctica*. J. Roy. Soc. N. Zeal. 17: 195–200, 1 map.
- FLORIJN, P.J. 1987. *Biographic notes about four plant collectors in Asia mentioned by N.L. Burman in his Flora Indica (1768)*. Taxon 36: 34–38.
- FONG, F.W. 1987. *An unconventional alcohol fuel crop*. Principes 31: 64–67, 2 fig. — *Nypa fruticans*.
- FOREMAN, D.B. & F.B. SAMPSON. 1987. *Pollen morphology of Palmeria scandens and Wilkiea huegeliana (Monimiaceae)*. Grana 26: 127–133, 12 fig.
- FRIIS, I. & C.M. WILMOT-DEAR. 1988. *A revision of the tribe Forsskaoleae (Urticaceae)*. Nord. J. Bot. 8: 25–59, 22 fig. — Full revision, incl Droguetia; keys; descriptions; index.
- FRYXELL, P.A. 1987. *Revision of the genus Anoda (Malvaceae)*. Aliso 11: 485–522, 8 fig. — *Anoda cristata* (incl. *A. hastata*) introduced in Malesia.
- 1987. *Sidus sidarum. VII. – The genus Sida (Malvaceae) in Australia*. Sida 12: 13–27, 1 map. — Key; notes; no descriptions; *S. parvifolia* new for N. Territory.
- FU, P.-Y. 1987. *A study of the genus Campylotropis Bunge in China*. Bull. Bot. Res., N.E. For. Univ., Harbin 7: 11–55, 6 fig, 2 tab. (In Chinese, Engl. summ.). — Distinct from *Lespedeza*; 41 taxa, 10 new, 5 new combinations; key; descriptions.
- FUKUOKA, N. 1987. *Classification and distribution of Sambucus*. Acta Phytotax. Geobot. 38: 303–310, 2 fig. (In Japanese).
- GIDEON, O.G., et al. 1988. *Notes on Mycteria (Rubiaceae)*. Floribunda 1: 17–19. — 3 species in Cibodas, Java; *M. fasciculata* distinct from *M. cauliflora*.
- GIESEN, W. 1987. *Danau Sentarum Wildlife Reserve. Inventory, ecology, and management guidelines*. xii, 284 pp, ill. Bogor. Photocopied report. — See Reviews.
- GLYN DAVIES, A., et al. 1988. *Food selection by two South-east Asian colobine monkeys (*Presbytis rubicunda* and *Presbytis melalophos*) in relation to plant chemistry*. Biol. J. Linn. Soc. 34: 33–56, 3 fig, 9 tab, 3 app. — See also Waterman, et al. (1988).
- GRAHAM, A., et al. 1987. *Palynology and systematics of the Lythraceae. II. Genera *Haitia* through *Peplis**. J. Am. Bot. 74: 829–850, 75 fig, 1 tab.
- GRAYUM, M.H. 1987. *A summary of evidence and arguments supporting the removal of *Acorus* from the Araceae*. Taxon 36: 723–729. — It might even belong to the dicots, e.g. Piperales! In Malesia much more wide-spread: Sumatra, Java, Lombok, Flores, Timor, Sarawak, Sabah, Luzon, Banda, Papua New Guinea, and not unlikely indigenous in some places, as $2n = 48$ has been counted, while the cultivated form of Europe is a triploid.
- GREEN, T. 1988. *A new species of *Hoya* (Asclepiadaceae) from Sarawak*. Phytologia 64: 304–305.
- GREIF, M. 1986. *Analisi citogenetico y citoquímico de *Urena lobata* y *sinuata**. Rev. Fac. Nac. Agron., Colombia 39: 17–26, 4 fig.

- GRIERSON, A.J.C. & D.G. LONG. 1987. *Flora of Bhutan, including a record of plants from Sikkim*. I, 3: 465–834, 134 fig. Botanic Garden, Edinburgh. ISBN 0-950-4270-6-3. £ 14.00. — See Reviews.
- *GRUBB, P.J. & P.F. STEVENS. 1985. *The forests of the Fatima Basin and Mt. Kerigomna, Papua New Guinea, with a review of montane and submontane rain forests in Papuasia*. xiv + 221 pp. Publ. BG/5, Research School of Pacific Studies, A.N.U., Canberra, Australia. ISBN 0-7081-1300-1.
- GRUDZINSKAYA, L. 1987. *On the systematics of the genus Girardinia (Urticaceae)*. Bot. Dzj. 72: 959–964, 1 fig. (In Russian, no summary).
- GRUSHVITZKY, I.V., et al. 1987. *The species of the genus Macropanax (Araliaceae) in the Vietnam flora*. Bot. Dzj. 72: 380–389 (In Russian, no summary). — Revision; key; descriptions.
- GUZMAN, E.D. DE & E.S. FERNANDO. 1986. *Philippine palms*. In: Guide to Philippine flora and fauna 4: 147–249, 41 fig, 2 tab. ISBN 971-1026-20-1. — Account of 85 of the ca. 120 Philippine species; descriptions; illustrations; glossary; no key.
- et al. 1986. *Philippine Dipterocarps*. In: Guide to Philippine flora and fauna 3: 1–74, 43 fig, 2 tab. ISBN 971-1026-21-X. — Account of 47 species (+ 7 yet to be described); descriptions; illustrations; no key.
- et al. 1986. *Philippine non-Dipterocarps*. In: Guide to Philippine flora and fauna 3: 77–379, 295 fig. ISBN 971-1026-21-X. — Account of 299 broad-leaved trees; descriptions; illustrations; no keys.
- HADI, S. 1987. *The association of fungi with dipterocarps*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 73–79.
- HALLIDAY, P. 1987. *Rhododendron pleianthum*. Kew Mag. 4: 165–168, 1 col. pl, 1 fig.
- HANNIBAL, L.S. 1987. *A new Crinum from New Guinea*. Herbertia 43: 14–16, 1 fig.
- HANSEN, B. 1987. *Justicia sect. Grossa sect. nov. (Acanthaceae)*. Nord. J. Bot. 7: 505–509, 2 fig (1 map). — Revision; 3 species; key.
- HANSEN, C. 1988. *The genus Campimia (Melastomataceae)*. Willdenowia 17: 147–151, 2 fig. — Monotypic; key to related genera.
- HANSEN, H.V. 1988. *A taxonomic revision of the genera Gerbera sect. Isanthus, Leibnitzia (in Asia), and Uechtritzia (Compositae, Mutisieae)*. Nord. J. Bot. 8: 61–76, 10 fig. — Subtribe Mutisiinae scapose group; G. piloselloides, map; key to genera, sections of Gerbera, species; descriptions.
- HART, J.A. 1987. *A cladistic analysis of conifers: preliminary results*. J. Arn. Arb. 68: 269–307, 8 fig, 1 tab. — Conifers monophyletic; Taxodiaceae partly paraphyletic; Araucariaceae, Podocarpaceae difficult to place.
- HASHMI, R.Y. & S. OMER. 1987. *Najadaceae*. Fl. Pakistan 176: 1–6, 1 fig. — 1 genus, 4 spp.

- HATUSIMA, S. 1987. *New or noteworthy plants from Japan*. J. Phytogeogr. & Taxon. 35: 63–68. — *Triumfetta repens* reduced to a variety of *T. procumbens*; *Triumfetta triloba* new.
- HAWKSWORTH, F. & R.F. SCHARFF. 1987. *Mistletoe literature of the world*. In Weber & Forstreuter (1987) 317 (n.v.).
- HEGNAUER, R. 1987. *Phytochemistry and chemotaxonomy of the Araceae*. Aroideana 10/2: 17–19.
- *HENDERSON, M.R. 1987. *Malayan Journal. Memoirs of life and work in Malaya and Singapore, 1921–1942*. iii, 167, 1 map. Private publication, price unknown. — Personal diaries re-edited by his son, A.A.R. Henderson.
- HEWSON, H.J. 1985. *Burseraceae*. Fl. Austr. 25: 165–170, 202, fig. 37, maps 220–226. — 2 genera, 5 species, 1 new variety.
- 1985. *Phytolaccaceae*. Fl. Austr. 4: 1–5, fig. 1, maps 1–5. — 3 genera, 5 species.
- 1985. *Simaroubaceae*. Fl. Austr. 25: 188–197, fig. 43, 44, maps 241–247.
- HIDAYAT, E.B. 1987. *Flowering behavior in the Sugar palm, Arenga pinnata*. Principes 31: 78–88, 19 fig, 1 tab.
- HILDEBRAND, B. 1987. *Botanische Reiseimpressionen aus Malaysia*. Palmengarten 87/1: 12–15, 1 col. pl. (In German).
- *HÔ, P.H. (Ed.) (1985). *Flore et végétation de l'Île de Phu Quoc*. 189 pp, 24 fig. Ho-chiminh City (In Vietnamese).
- HORN, C.N. & R.R. HAYNES. 1987. *Typification of Pontederia and its Linnaean species names (Pontederiaceae)*. Taxon 36: 621–625. — LT: *Pontederia cordata*; *P. ovata* = *Phrynum rheedei*, *P. hastata* = *Monochoria hastata*.
- HOTTA, M. 1987. *A new rheophytic aroid, Schismatoglottis okadae from West Sumatra*. Contr. Biol. Lab. Kyoto Univ. 27: 151–152, fig. 1.
- 1987. *Distribution of the genus Musa in Malesia*. Acta Phytotax. Geobot. 38: 292–302, 4 fig, 1 tab. (In Japanese).
- HU, C.-H., et al. 1988. *A taxonomical study on the genus Shibataea Makino*. Acta Phytotax. Sin. 26: 130–138, 2 fig. (In Chinese, Engl. summ.). — 8 species, 2 new; key; synonymy; brief notes.
- HU, C.-M., et al. 1987. *Dolichandrone spathacea – A mangrove plant recently discovered in China*. Guihaia 7: 303–304, 1 fig (In Chinese).
- HUANG, C.-C. 1987. *An enumeration of Dipterocarpaceae from China*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 629–640, 2 fig.
- HUANG, S.-F & T.-C. HUANG. 1987. *Taxonomic treatment of the Papilionoideae (Leguminosae) of Taiwan*. Taiwania 32: 11–118, 46 fig. — Keys; nomenclature; distribution; no descriptions; *Calopogonium mucunoides* new record, but not in key.

- HUGHES, C.E. & B.T. STYLES. 1987. *The benefits and potential risks of woody legume introductions*. Internat. Tree Crops J. 4: 209–248, 1 tab, 1 app. — Weedy tendencies for 146 species listed.
- HUSIN, M.D. & E.A. WIDJAJA. 1987. *Anatomical evidence in the taxonomy of Zingiber zerumbet complex*. Floribunda 1: 1–3, 3 fig. (In Indonesian). — *Zingiber amaricans*, *Z. aromaticum*, *Z. littorale*, *Z. zerumbet* distinct; key.
- HWANG, S.-M. 1987. *A preliminary study on Dichroa Lour.* Acta Phytotax. Sin. 25: 384–389, 1 fig. (In Chinese, English summ.). — 2 sections, 2 series, 12 species (1 new), 8 Malesian, but see Fl. Males. Bull. 32 (1979) 3194, where a study in L indicated that there were only 2, and also Hunt in Curtis, Bot. Mag. 183 (1981) t. 819, who suggested that the Malesian representatives of *D. febrifuga* would not be the same as those from continental Asia.
- ITO, M. 1987. *Phylogenetic systematics of the Nymphaeales*. Bot. Mag. Tokyo 100: 17–35, 4 fig. — Cladistic analysis: 3 families, Nelumbonaceae, Nymphaeaceae, Ceratophyllaceae; *Brassenia*, *Cabomba* in the last one.
- IWATSUKI, K., et al. 1987. (Eds.). *Modern aspects of species*. 240 pp. ISBN 0-86008-414-0. £ 45.00. — Proceedings of the First International Symposium on Biology, Tokyo, 1985, the one where the International Prize for Biology was given to Corner.
- JACKES, B.R. 1987. *A study of the trichomes of several frequently confused species of Cissus L. (Vitaceae)*. Blumea 32: 143–147, 4 fig. — Trichomes distinguish *C. adnata*, *C. aristata*, *C. assamica*.
- 1987. *Revision of the Australian Vitaceae. 2. Cayratia Juss.* Austrobaileya 2: 365–379, 4 fig, 7 maps. — 8 species, 2 new, 1 Malesian; key.
- *JACOBS, M. 1988. *The tropical rain forest, a first encounter*. x, 295 pp, ill. Springer Verlag, Heidelberg. ISBN 3-540-17996-8 or 0-387-17996-8. DM 63.00.
- JACOBSEN, N. 1987. *Die Cryptocorynen der Malaiischen Halbinsel (3. Teil)*. Aqua-Planta 87: 56–62, 3 fig, 6 col. pl. — *Cryptocoryne purpurea* found again, revised; *C. griffithii*, *C. longicauda*, *C. schulzei*.
- 1987. *Portraits of threatened plants. 12. Cryptocoryne elliptica Hk. f.* Mal. Nat. 40, 3/4: 34–35, 2 fig.
- & J. BOGNER. 1987. *Die Cryptocorynen der Malaiischen Halbinsel. (4. Teil, Schluss)*. Aqua-Planta 87: 96–103, 4 fig, 10 col.pl, 1 map.
- JAYARAMAN, P. 1987. *On some insect galls on Tectona grandis Linn. from India*. J. Bomb. Nat. Hist. Soc. 84: 157–166, 7 fig. — 2 new galls.
- JENNY, R. 1987. *Paphiopedilum dayanum (Stone ex Lindl.) Stein 1892*. Die Orchidee 38: Orchideenkartei 489–491, 1 fig, 3 col. pl. (In German). — Full revision.
- 1987. *Paphiopedilum robinsonii (Ridley) Ridley 1924*. Die Orchidee 38: Orchideenkartei 515–516, 1 col. pl. (In German). — Description, cultivation, notes.
- 1988. *Dendrobium dichaeoides Schlechter 1912*. Die Orchidee 39, Orchideenkartei: 525–526, 1 col. pl. (In German).

- 1988. *Dendrobium violaceum* Kränzlin 1910. Die Orchidee 39, Orchideenkartei: 527–530, 1 col. pl, 6 fig. (In German).
- 1988. *Paphiopedilum argus* (Rchb. f.) Stein 1892. Die Orchidee 39: Orchideenkartei 517–518, 3 col. pl, 1 fig. — Note author of combination.
- & G.J. BRAEM. 1987. *Paphiopedilum stonei* (Hooker) Stein 1892. Die Orchidee 38: Orchideenkartei 497–500, 7 col. pl. (In German). — Full revision.
- JESSUP, L.W. 1985. *Anacardiaceae*. Fl. Austr. 25: 170–187, 203, fig. 38–42, maps 227–240. — 9 genera, 13 species.
- JOHANSSON, J.T. 1987. *Motleyia, a new genus of the Rubiaceae from Borneo*. Blumea 32: 149–155, 4 fig. — 1 sp. from Sarawak, Sabah; similar to Prismatomeris.
- 1987. *Pollen morphology of the tribe Morindeae (Rubiaceae)*. Grana 26: 134–150, 8 fig, 1 tab. — 10 genera, 32 spp.: 7 pollen types; Pogonolobus re-established.
- 1987. *Revision of the genus Prismatomeris Thw. (Rubiaceae, Morindeae)*. Op. Bot. 94: 1–62, 36 fig (incl. maps). — Incl. Zeuxanthe; 15 species, 2 new, 3 new combinations; leaf anatomy, palynology; nearly all taxa heterodistylous; key; descriptions; exemplary study.
- JOHNS, R.J. 1987. *A provisional classification of the dipterocarp forests of Papua New Guinea*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 175–211, 12 fig, 9 tab.
- 1987. *The flowering plants of Papua. Dicotyledons. Part 1. Magnoliidae*. 141 pp, ill, maps. P.N.G. Univ. Techn., For. Dept. — Introductory guide to the flora of Irian Jaya, Papua New Guinea, and the Solomons; keys, sometimes to the species; notes; a very useful work for students and scientists alike.
- 1987. *The natural regeneration of Anisoptera and Hopea in Papua New Guinea*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 213–233. — New Guinea species contrast in their ecology with those from West Malesia as they function essentially as secondary species.
- JOHRI, B.M. 1987. *Reproductive biology of mistletoes (Loranthaceae and Viscaceae)*. In Weber & Forstreuter (1987): 449–456 (n.v.).
- JONES, D.L. & M.A. CLEMENTS. 1987. *Reinstatement of the genus Cyrtostylis R. Br. and its relationships with Acianthus R. Br. (Orchidaceae)*. Lindleyana 2: 156–160, 15 fig, 1 tab.
- JUNCOSA, A.M. & P.B. TOMLINSON. 1987. *Floral development in mangrove Rhizophoraceae*. Am. J. Bot. 74: 1263–1279, 47 fig, 1 tab. — Anatomy and pollination mechanisms.
- KALKMAN, C. 1987. *The genus Rubus (Rosaceae) in Malesia. 3. The subgenus Micranthobatus*. Blumea 32: 323–341, 2 fig. — About 12 species, 2 new, 1 new variety, notes on 2 Australian species; keys; descriptions.
- KAMELINA, O.P. 1988. *Embryology of the genus Brexia in connection with its systematic position*. Bot. Dzj. 73: 355–366, 3 fig. (In Russian, no summ.).

- KAUL, R. B. 1987. *Reproductive structure of Lithocarpus sensu lato (Fagaceae): cymules and fruits*. J. Arn. Arb. 68: 73–104, 111 fig, 1 tab. — 73 spp. studied; cymules 1–7-flowered with 1–9(–more) bracteoles.
- *KENG, H. 1987. *Orders and families of seed plants of Taiwan*. 159 pp, ill. Council of Agriculture, 37 Nanhai Rd, Taipei. Price unknown. — The Taiwan counterpart of the author's treatment of the Malayan taxa and just as useful; keys to the genera; notes; pictures; recommended to all botanists.
- KENG, P. C. 1987. *A systematic key to the tribes and genera of subfam. Bambusoideae (Gramineae) occurrence in China and its neighbourhoods*. J. Bamb. Res. 6: 13–28.
- KENNEDY, D. & M.D. Swaine. 1987. *The role of pioneers in the regeneration of a Malaysian rain forest*. Trop. Biol. Newsl. 53: 1–2.
- KIEW, B. H. 1987. *The Malaysian heritage and scientific expedition Endau Rompin: a Third World experience*. Wallaceana 47 January: 3–5, 3 fig; also in Mal. Nat. J. 41 (1987) 83–92. — Account on how Third World scientists organized their own expedition; public relations for fund raising created general awareness of Malaysia's rich natural heritage and fostered nature conservation.
- KIEW, R. 1987. *Notes on the natural history of the Johore banana, Musa gracilis Holttum*. Mal. Nat. J. 41: 239–248, 4 fig, 3 tab. — Compared to *M. violascens*; seed anatomy; biology, growth rate, probably bird pollinated; ecology; distribution; conservation.
- 1987. *The herbaceous flora of Ulu Endau, Johore - Pahang, Malaysia, including taxonomic notes and descriptions of new species*. Mal. Nat. J. 41: 201–234. — Description of habitats; annotated checklist; some new records; new taxa in *Codonoboea*, *Didissandra*, *Didymocarpus* (key to Sect. *Pectinatae*), *Dischidia*, *Hoya*, *Loxocarpus*, *Phyllagathis*; reductions in *Didymocarpus*, *Paraboea*.
- & S. ANTHONYSAMI. 1987. *A comparative study of vascular epiphytes in three epiphyte-rich habitats at Ulu Endau, Johore, Malaysia*. Mal. Nat. J. 41: 303–315, 5 tab. — Many associated with ants, some forming ant gardens.
- & J. DRANSFIELD. 1987. *The conservation of palms in Malaysia*. Mal. Nat. J. 41: 24–31.
- et al. 1987. *A phytochemical survey at Ulu Endau, Johore, Malaysia*. Mal. Nat. J. 41: 329–336, 3 tab, 1 app. — 118 species of 50 families screened for alkaloids (8 positive, 4 strongly so), saponins (31/13), triterpenes / steroids (60).
- *KING, R. M. & H. ROBINSON. 1987. *The genera of the Eupatorieae (Asteraceae)*. Mon. Syst. Bot. Missouri Bot. Gard. 22: ix, 581, 180 fig. ISSN 0161-1542. Price unknown. — Whether or not one agrees with the excessive splitting up that has taken place in this tribe, this is a very worthwhile survey of the taxa; keys to the genera; description of genera and subgenera; enumeration of the accepted species; of the species mentioned in the Flora of Java 2 (pp. 376–380) those of *Eupatorium*, according to this work, should now be: *E. adenophorum* = *Ageratina adenophora* (Spreng.) King & Robinson; *E. horsfieldii* = *Austroeupatorium inulifolium* (H.B.K.) King & Robinson ('*inulaefolium*'); *E. odoratum* = *Chromolaena odorata* (L.) King & Robinson; *E. riparium* = *Ageratina riparia* (Regel) King & Robinson; *E. sordidum* = *Barlettina sordida*

- (Less.) King & Robinson; *E. triplinerve* = *Ayapana triplinervis* (Vahl) King & Robinson; *E. inulifolium* = *Austroeupatorium inulifolium* (H.B.K.) King & Robinson.
- KIRKBRIDE Jr, J.H. & M.C. GARCIA DE KIRKBRIDE. 1987. *Typification of Stylosanthes (Leguminosae) and its sections*. *Taxon* 36: 455–458.
- KIRN, H.S. 1987. *Hitherto unrecorded tree hosts of Dendrophthoe falcata (Linn. f.)*. *J. Econ. Tax. Bot.* 9: 495–496.
- KIU, H.-S. 1988. *Loranthaceae*. *Fl. Reipubl. Pop. Sin.* 24: 86–158, 14 fig. — 11 genera, 66 species.
- 1988. *Proteaceae*. *Fl. Reipubl. Pop. Sin.* 24: 6–29, 6 fig. — 4 genera, 23 species.
- KLAASSEN, A. 1987. *Gastrochilus bellinus (Rchb. f.) O. Ktze.* *Orchideën* 49: 23–24, col. pl.
- * KLUCKING, E.P. 1987. *Leaf venation patterns. 2. Lauraceae*. 216 pp, 149 fig. J. Cramer, Berlin, Stuttgart. ISBN 3-443-50002-1.
- KOBAYASHI, S. & M. ONO. 1987. *A revised list of vascular plants indigenous and introduced to the Bonin (Ogasawara) and the Volcano (Kazan) islands*. *Ogasawara Res.* 13: vii, 55 pp, 3 fig.
- KOELEWIJN, J.C. 1987. *Paphiopedilum haynaldianum (Rchb.f.) Pfitz.* *Orchideën* 49: 172–174, 1 col. pl. (In Dutch).
- 1987. *Paphiopedilum victoria-regina var. moquettianum* Mark W. Wood 1976. *Orchideën* 49: 175–176, 1 col. pl. (p. 172).
- 1987. *Phalaenopsis sanderana Rchb.f.* *Orchideën* 49 (1987) opposite p. 134, col. pl. (In Dutch).
- 1988. *Phalaenopsis kunstleri Hook. f.* *Orchideën* 50: opposite p. 21, 1 col. pl. (In Dutch.)
- 1988. *Phalaenopsis mariae Burbidge (ex Warner & Williams)*. *Orchideën* 50: opposite p. 21, 1 col. pl (In Dutch).
- 1988. *Phalaenopsis mariae (Burbidge ex Warner & Williams)*. *Orchideën* 50: 56–57, fig. (p. 53) (In Dutch). — Description; cultivation.
- KOLAKOVSKY, A.A. 1987. *System of the Campanulaceae family from the Old World*. *Bot. Dzj.* 72: 1572–1579 (In Russian, English summ.) — Carpological study; 4 sub-families (2 new, 1 new comb.), 18 tribes (11 new).
- KOSENKO, V.N. 1988. *Pollen morphology in Chionographideae, Uvularieae, Tricyrtidæ, Soliopeae, Anguillarieae, Iphigenieae, Glorioseae, Colchiceae (Melanthiaceae)*. *Bot. Dzj.* 73: 172–185 (In Russian, English summ.).
- KOSTERMANS, A.J.G.H. 1987. *Proceedings of the Third Round table Conference on Dipterocarps, Samarinda, 1985*: 657 pp, ill. UNESCO, Jalan M.H. Thamrin 14, Jakarta 10350, Indonesia. Price unknown. — A collection of many (37) important papers on tree and forest management, soil properties and microbiology, dynamics and regen-

- eration, reproduction biology, germination and propagation, forest recovery after disturbance, forest composition and structure, systematic problems in Dipterocarpaceae, and timber.
- 1987. *The genera Sunaptea Griff. and Cotylelobium Pierre*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 603–627. — Vatica sect. Sunaptea and Cotylelobium fused; Pteranthera Bl. (1852) being older than Sunaptea (1854) cannot be rejected as a mixtum compositum, as the relevant Article (70) was deleted from the Code in 1975; two species were originally included by Blume: P. mangachapoi and P. sinensis; the latter was included in Vatica mangachapoi by Ashton (and in this work also by Huang, p. 633), and in Sunaptea mangachapoi by Kostermans (p. 616, 623, with a query on p. 626); without official rejection of Pteranthera all 24 proposed new combinations in Sunaptea are hence incorrect (Art. 68); index to names; no key; no descriptions.
- KOTOVSHSCHIKOVA, N.I. 1985. *The structure of inflorescences in the genus Peperomia Ruiz et Pav.* Bull. Nikita Bot. Gard. 97: 60–70, 3 fig. (In Russian, English summ.)
- KU, T.-C. 1987. *A revision of the genus Parnassia (Saxifragaceae) in China.* Bull. Bot. Res., Harbin 7: 1–61, 8 fig. (incl. maps), 1 tab. (In Chinese, English summ.) — 7 sections, 59 spp, many new; key.
- KUBAT, R. 1987. *Report of the investigation of parasitism in Opiliaceae (Santalales).* In Weber & Forstreuter (1987): 489–492 (n.v.).
- KUMAR, B.K.V., et al. 1986. *Structure, distribution, and development of cavitated trichomes in Indigofera L. (Fabaceae).* Geophyt. 16: 227–231, 9 fig, 1 tab. — Presence of pearl glands in 7 of the 28 taxa studied.
- KUO, P.-C. (Ed.) 1987. *Gramineae, p.p.* Fl. Reipubl. Pop. Sin. 9/3: 352 pp, ill. — Monermeae to Stipeae; several new combinations, whereby the lack of clear indication of the author makes full citation impossible; some names seem a nomenclator's nightmare, e.g. Deyeuxia angustifolia (Kom.) Y.L. Chang (1959), 'comb. ill.' [why? because of non Vickery (1940)?], based on Calamagrostis angustifolia Kom. (1926), nevertheless adopted here; Deyeuxia kokonorica Keng (invalidly published in 1959, validated in Calamagrostis by Tzvelev in 1968, here again included in Deyeuxia, therefore to be cited as D. kokonorica (Tzvel.) Keng ex Kuo & Lu (?) in Kuo; the editors of this magnum opus should prevent problems like this!]
- KURASHINA, H., et al. 1987. *Recent activities of the Micronesian Research Center (MARC).* Atoll Res. Bull. 293: 11–14.
- KURZWEIL, H. 1987. *Developmental studies in orchid flowers I: Epidendroid and vandoid species.* Nord. J. Bot. 7: 427–442, 8 fig.
- 1987. *Developmental studies in orchid flowers II: Orchidoid species.* Nord. J. Bot. 7: 443–451, 5 fig, 1 tab.
- LACK, A.J. & P.G. KEVAN. 1987. *The reproductive biology of a distylous tree, Sarcoheca celebica (Oxalidaceae) in Sulawesi, Indonesia.* Bot. J. Linn. Soc. 95: 1–8, 4 tab.

- LANDOLT, E. & R. KANDELER. 1987. *Biosystematic investigations in the family of duck-weeds (Lemnaceae). Vol. 4. The family of Lemnaceae – a monographic study. Vol. 2.* Veröffentl. Geobot. Inst. Eidg. Techn. Hochsch., Rübe 95: 638 pp, 60 fig, 53 tab. (SF. 64.00). — Phytochemistry, physiology, application, economic importance; bibliography; survey; index.
- LANDRUM, L.R. & D. STEVENSON. 1986. *Variability of embryos in subtribe Myrtinae (Myrtaceae).* Syst. Bot. 11: 155–162, 3 fig. — Xanthomyrtus to Leptospermoideae.
- LANG, K.-Y. 1987. *The genus Peristylus Blume (Orchidaceae) in China.* Acta Phytotax. Sin. 25: 442–459, 5 fig, 1 tab. (In Chinese, English summ.). — Revision, 20 spp, 1 new, 4 new combinations, key, synonymy, distribution, no descriptions.
- LANTING, M.V. 1986. *Talisai: another tree of multiple uses.* Canopy 12/4: 5, 1 fig. — Uses of Terminalia catappa.
- LARSEN, K., et al. 1987. *Siamosia thailandica, gen. et sp. nov. from Thailand (Amaranthaceae).* Nord. J. Bot. 7: 271–276, 19 fig, 2 tab.
- LATIFF, A.M. 1987. *Portraits of threatened plants. 13. Pterisanthes pulchra Ridl.* Mal. Nat. 41/2: 25–26.
- LAUBENFELS, D.J. de. 1987. *Revision of the genus Nageia (Podocarpaceae).* Blumea 32: 209–211. — Taxa formerly included in Decussocarpus renamed for nomenclatural reasons.
- & J. SILBA. 1988. *Notes on Asian-Pacific Podocarpaceae. I. (Podocarpus).* Phytologia 64: 290–292. — 3 new species.
- LAUMONIER, Y., et al. 1987. *Sumatra centre / Central Sumatra. Map published by the Institut de la Carte Internationale / SEAMO-BIOTROP.* — Map only; second instalment of a vegetational, geological, pedological, climatological, biogeographical survey.
- LEE, S.-K. (Ed.) 1987. *Ebenaceae.* Fl. Reipubl. Pop. Sin. 60/1: 84–154, ill. — Diospyros with 57 spp.
- LEENHOUTS, P.W. 1987. *A new subspecies of Jagera javanica (Sapindaceae).* Blumea 32: 225. — From Queensland.
- 1987. *New species of Alectryon (Sapindaceae).* Blumea 32: 221–224. — 3 species; distinctions between A. affinis, A. connatus, A. kangeanensis.
- LERSTEN, N.R. & C.L. BRUBAKER. 1987. *Extrafloral nectaries in Leguminosae: review and original observations in Erythrina and Mucuna (Papilionoideae: Phaseoleae).* Bull. Torrey Bot. Club. 114: 437–447, 21 fig. — Also survey for whole family; nectaries in Caesalpinoideae and Mimosoideae one type, in Papilionoideae another, independently evolved.
- LES, D.H. 1986. *The evolution of achene morphology in Ceratophyllum (Ceratophyllaceae). I. Fruit-spine variation and relationships of C. demersum, C. submersum, and C. apiculatum.* Syst. Bot. 11: 549–558, fig, 2 tab.
- LEVIN, G.A. 1986. *Systematic foliar morphology of Phyllanthoideae (Euphorbiaceae). III. Cladistic analysis.* Syst. Bot. 11: 515–530, 4 fig, 2 tab. — Antidesmeae possibly para-phyletic.

- LI, H.-M. & L.J. HICKEY. 1988. *Leaf architecture and systematics of the Hamamelidaceae sensu lato*. Acta Phytotax. Sin. 26: 96–110, 1 fig (In Chinese, Engl. summ.). — Alingiaceae distinct.
- LI, P.-T. 1987. *A revision of Chinese Phyllanthus (Euphorbiaceae)*. Acta Phytotax. Sin. 25: 371–383, 5 fig. (In Chinese, English summ.) — 1 new subgenus, 33 species (5 new, 1 new name); no key.
- 1987. *Notes on the genera Sauropus and Cleistanthus of Euphorbiaceae in China*. Acta Phytotax. Sin. 25: 132–139 (In Chinese, English summ.). — Sauropus 2 sections, 14 spp, 3 new; Cleistanthus 6 spp.
- 1988. *Materials for Chinese Phyllanthoideae*. Acta Phytotax. Sin. 26: 58–65 (In Chinese, English summ.). — Several reductions apparently involving Malesian taxa, e.g. in Antidesma, Bridelia, Glochidion.
- LING, Y.-R. 1988. *Olacaceae*. Fl. Reipubl. Pop. Sin. 24: 30–46, 4 fig. — 5 genera, 8 species.
- & C. SHIH (Eds.). 1987. *Compositae (7)*. Fl. Reipubl. Pop. Sin. 78/1: 226 pp, ill. — Echinopsidae to Centaureinae.
- LIOU, L. 1988. *Systematics and evolution of subfam. Panicoideae (Gramineae)*. Acta Phytotax. Sin. 26: 11–28, 5 fig. (In Chinese, English summ.). — 3 supertribes (invalid names), 16 tribes, 20 subtribes, 1 new (Miscanthinae); a hodgepodge of natural and unnatural taxa (Tripsacum and Zea in different subtribes), correct, incorrect, illegitimate, invalid names, Butzin (1973) not consulted; scheme rather classical, cf. that of Clayton & Renvoize, Gen. Gram. (1986).
- LINDER, H.P. 1986. *Notes on the phylogeny of the Orchidoideae, with particular reference to the Deseae*. Lindleyana 1: 51–64, 15 fig, 6 tab.
- 1987. *The evolutionary history of the Poales / Restionales - A hypothesis*. Kew Bull. 42: 297–318, 8 fig. — Cladistic approach.
- LODEWIJK, J. 1987. *Een nieuwe Phalaenopsis uit Centraal-Sumatra*. Orchideën 49: 152–154, 1 col. pl. (In Dutch). — Ph. inscriptio-sinensis discussed.
- 1988. *Phalaenopsis violacea Witte*. Orchideën 50: 2–4, 1 fig, 3 col. pl. (In Dutch).
- LOZANO, N.B. DE. 1986. *Desarrollo y anatomía del fruto del Jobo (Spondias mombin L.)*. Caldasia 14: 465–490, 14 fig. (In Spanish).
- MABBERTLEY, D.J. 1986. *Robert Brown on Pterocymbium (Sterculiaceae)*. Arch. Nat. Hist. 13: 307–312. — Brown distributed pre-prints of several of his publications, e.g. of part of Horsfield's Plantae javanicae rariores; names in Sterculiaceae and Euphorbiaceae attributable to R.Br., only!
- *— 1987. *The plant-book, a portable dictionary of the higher plants*. Cambridge University Press, U.K. — See Reviews.
- MACFARLANE, T.D., et al. 1987. *Haemodoraceae*. Fl. Australia 45: 55–148, 454–466, col. pl. 2–6, fig. 32–54, maps 53–164.

- MAHDI, A. 1987. *Germination of fruits of Vatica umbonata (Hook.f.) Burck.* In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 293–303, 4 tab. — Small fruits germinate better than large ones.
- MAHYAR, U.W. 1988. *Variasi morfologi dan anatomi anggrek Renanthera coccinea.* Floribunda 1: 23–24, 2 fig. (In Indonesian). — Two varieties of Orchidaceae distinct in morphology and anatomy; key.
- MALONEY, B.K. 1987. *The pollen and pteridophyte spore record.* In: H.P. Nooteboom, Report of the 1982–1983 Bukit Raya Expedition. (1987): 43–60, 2 fig, 1 tab.
- MAMBREU DE MENEZES, E., et al. 1986. *Aspectos morfológicos e anátomicos de órgãos vegetativos de duas espécies de Indigofera L. (Leguminosae - Papilionoideae).* Garcia de Orta, Bot. 8: 3–8, 45 fig. (In Portuguese, Engl. summ.). — Indigofera hirsuta, I. suffruticosa.
- MANDANG, Y.I. 1986. *Anatomy and identification of fourteen wood species from Maluku.* For. Prod. Res. J. 3: 13–27, 14 fig, 1 tab, 1 app. (In Indonesian, English summary and key).
- 1986. *Anatomy and identification of ten wood species from East Kalimantan.* For. Prod. Res. J. 3: 34–46, 10 fig, 5 tab, 1 app. (In Indonesian, English summary).
- *MANGEN, J.M. 1986. *Étude phytogéographique et écologique du Mt. Trikora (Nouvelle Guinée).* Ph.D. Thesis, Toulouse. 161 pp, 7 app, ill. (In French). Photocopy in L. — Phytogeography and ecology of Mt. Wilhelmina in Irian Jaya.
- MANNING, J.C. & J. VAN STADEN. 1987. *The systematic significance of testa anatomy in the Leguminosae – an illustrated survey.* S. Afr. J. Bot. 53: 210–230, app, 169 fig, 1 tab.
- MARABINI, J. 1987. *Eine neue Unterart von Nepenthes edwardsiana Hook. fil. sowie Anmerkungen zur Taxonomie der Gattung Nepenthes L.* Mitt. Bot. Staatssamml. München 23: 423–429, 3 fig. (In German). — From Mt. Trusmadi, Sabah.
- MASLIN, B.R. 1987. *Report of discussions at I.G.S.M. Meeting n°6 on the proposal to split Acacia.* Bull. I.G.S.M. 15: 108–118, 2 tab. — Splitting up into 3 genera still premature.
- MATTES, P. 1987. *Paphiopedilum zieckianum Schos. oder Paphiopedilum papuanum Ridl.?* Die Orchidee 38: 90–93, 4 col. phot. — Synonyms.
- MATTHEWS, J.F. & P.A. LEVINS. 1986. *The systematic significance of seed morphology in Portulaca (Portulacaceae) under scanning electron microscopy.* Syst. Bot. 11: 302–308, 12 fig. — In the U.S. no specific delimitation based solely on this.
- MAXWELL, J.F. 1983. *Taxonomic studies of the Melastomataceae (Part 1). A revision of subtribes Diplectriinae Maxw. and Dissochaetinae (Naud.) Triana (Genera Diplectria (Bl.), Dissochaeta Bl., Macrolenes Naud., Creochiton Bl., and Pseudodissochaeta Nayar.)* Fed. Mus. J. 29: 45–117, 7 fig, 17 tab. — First part of an unpublished thesis; extensive introduction, key to the subtribes (new names invalid), genera.
- *—et al. (Eds.). 1987. *Weeds of plantations crops in Southern Thailand.* Dept. Pl. Sc., Fac. Nat. res., Prince of Songkla University, Hatyai, Thailand 90110. — See Reviews.

- MCMILLAN, C. & L.H. BRAGG. 1987. *Comparison of fruits of Syringodium (Cymodoceae) from Texas, the U.S. Virgin Islands and the Philippines*. Aq. Bot. 28: 97–100, 2 fig. — Differences in fruit shape between the Atlantic and Pacific species.
- MCNAUGHTON, C. & M.D. SWAINE. 1987. *Ecology of Phyllagathis species in a Malaysian rain forest*. Trop. Biol. News. 52: (n.v.: ex Wallaceana 47, January (1987) 13. — *Phyllagathis griffithii*; *Ph. rotundifolia*; new plants initiated from detached leaves.
- MCPHERSON, G. & C. TIREL. 1987. *Euphorbiacées. I. Fl. Nouv.-Cal. & Dép.* 14: 226 pp, 43 fig, maps. — Key to all genera; full treatment of all except Phyllanthoideae, incl. Antidesma.
- MEIKLE, R.D. & H.J. HEWSON. 1985. *Nyctaginaceae*. Fl. Austr. 4: 5–18, fig. 2–4, maps 6–19. — 5 genera, 14 species, 4 new, 1 new status.
- MENDIS, N.M., et al. 1987. *The pollen morphology of the subtribe Oncospermatinae (Palmae: Arecoideae: Areceae)*. Kew Bull. 42: 47–63, 9 fig. — 8 genera, 11 spp. studied; little light on relationships shed.
- MENNEGA, A.M.W. 1987. *Wood anatomy of the Euphorbiaceae, in particular of the subfamily Phyllanthoideae*. Bot. J. Linn. Soc. 94: 111–126, 8 fig. — Uni-ovulate subfamilies not distinct by anatomy, within the bi-ovulate Phyllanthoideae 2 groups: Aporusa-type, Glochidion-type; descriptions of 13 tribes; discussion on various anomalous taxa; Antidesma has Glochidion-type.
- MICHON, G.M. & J.M. BOMPARD. 1987. *The damar gardens (*Shorea javanica*) in Sumatra*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 4–17, 4 fig. — Discussion on sylviculture by farmers in Pesisir area, Lampung, already successful for at least 80 years.
- MILLER, J.M. 1987. *The South Pacific Regional Herbarium*. Taxon 36: 422–424. — New name for the Fiji Herbarium SUVA; history.
- MISTRY, M.K. & S.M. ALMEIDA. 1987. *A critical note on the identity and occurrence of *Fimbristylis merrillii* Kern in India*. J. Econ. Tax. Bot. 9: 403–406, 1 fig, 2 tab. — New for India; confused with *F. dichotoma*; description; incl. *F. ligulata*.
- MITCHELL, J.D. & S.A. MORI. 1987. *The cashew and its relatives (Anacardium: Anacardiaceae)*. Mem. N.Y. Bot. Gard. 42: 1–76, 1 col. pl, 22 fig, 3 tab, 3 maps. — Revision of this Latin American genus: 10 species, 1 new; cladistics by Mitchell and D.A. Young; key, descriptions, ecology, floral biology, collector's list, for America only.
- MITRA, R.L. & S.K. JAIN. '1985', 1987. *Concept of *Phyllanthus niruri* (Euphorbiaceae) in Indian floras*. Bull. Bot. Surv. India 27: 161–176, 3 fig. — Actually 3 species: *P. amarus*, *P. debilis* Willd. (incl. *P. mukerjeeanus*), *P. fraternus*; 'true' *P. niruri* endemic to W. Indies; *P. amarus* Malesian, *P. debilis* in Andamans & Nicobars; *P. debilis* auct. = *P. airyshawii*; key; descriptions; extensive list of specimens.
- MOGEA, J.P. 1987. *Notes on Palmae collected during the expedition*. In: H.P. Nooteboom, Report of the 1982–1983 Bukit Raya Expedition. (1987): 67–70.
- MOLDENKE, H.N. 1987. *Notes on the genus Clerodendrum*. XXXI. Phytologia 62: 78–86. — *Clerodendrum lindleyi* (p.p.) to *C. longipetiolatum* (p.p.).

- 1987. *Notes on the genus Clerodendrum. XXXII.* Phytologia 62: 126–153. — *Clerodendrum longipetiolatum* (p.p.) to *C. manetti* (p.p.).
- 1987. *Notes on the genus Clerodendrum. XXXIII.* Phytologia 62: 184–206 — *Clerodendrum manetti* (p.p.) to *C. minahassae* (p.p.).
- 1987. *Notes on the genus Clerodendrum. XXXIV.* Phytologia 62: 308–338. — *Clerodendrum melanocrater* to *C. myricoides* (p.p.).
- 1987. *Notes on the genus Clerodendrum. XXXV.* Phytologia 62: 452–486. — *Clerodendrum myricoides* (p.p.) to *C. ohwii* (p.p.).
- 1987. *Notes on the genus Clerodendrum. XXXVI.* Phytologia 63: 48–63 — *Clerodendrum ohwii* (p.p.) to *C. paniculatum* (p.p.).
- 1987. *Notes on the genus Clerodendrum (Verbenaceae). XXXVII.* Phytologia 63: 102–126. — Additions to taxa previously treated.
- 1988. *Notes on the genus Clerodendrum (Verbenaceae). XXXVIII.* Phytologia 64: 185–204. — *Clerodendrum paniculatum* var. *diversifolium* to *C. philippinense*.

MONCUR, M.W. & B.J. WATSON. 1987. *Observations on the floral biology of the monoecious form of Salacca zalacca*. Principes 31: 20–22, 4 fig, 1 tab. — Male and bisexual flowers in 1 inflorescence; ants as pollinators?

MORI, S.A. & G.T. PRANCE. 1987. *A guide to collecting Lecythidaceae*. Ann. Missouri Bot. Gard. 74: 321–330, 4 fig. — Also discussion on how to climb large trees with belts and spikes without falling out!

MÖHLMANN, F. 1988. *Eine Überraschung bei Cryptocoryne pontederiifolia Schott*. Aquaplanta 13: 23–24, 2 col. pl, 3 fig. — Purple spatha.

MUNIR, A.A. 1987. *A taxonomic revision of the genus Faradaya F. Muell. (Verbenaceae) in Australia*. J. Adelaide Bot. Gard. 10: 165–1772 fig, 2 maps. — 2 species, both Malesian; key; descriptions.

— 1987. *A taxonomic revision of the genus Vitex L. (Verbenaceae) in Australia*. J. Adelaide Bot. Gard. 10: 31–79, 9 fig. — Descriptions, keys, 8 spp, several Malesian.

NARUHASHI, N. 1987. *On the identity of Linnaean Rubus parvifolius, a small-leaved bramble from N.E. Asia and S.E. Australia*. J. Phytogeogr. & Taxon. 35: 3–12, 11 fig. — Not Malesian; many reductions.

NASIR, E. & Y.J. NASIR. 1987. *Gymnospermae*. Fl. Pakistan 178–186: 1–36, 7 fig. — Cycadaceae (1 genus, 2 species), Zamiaceae (1/1), Ginkgoaceae (1/1), Araucariaceae (1/2), Pinaceae (4/11), Taxodiaceae (1/1), Cupressaceae (3/10), Taxaceae (1/1), Ephedraceae (1/9).

NAYAR, M.P. & G.S. GIRI. '1985', 1987. *A new variety of Maesa Forssk. (Myrsinaceae) from Andaman*. Bull. Bot. Surv. India 27: 263–264, 1 fig. — Of *M. andamica*.

— & — '1985', 1987. *Status of Olax wightiana Wall. ex Wight & Arn.* Bull. Bot. Surv. India 27: 257–258. — Endemic in India, distinct from the wide-spread *O. imbricata*.

- NEMOTO, T. & H. OHASHI. 1988. *Floral nectaries in Lespedeza, Kummerowia and Camptotropis (Leguminosae)*. J. Jap. Bot. 63: 112–126, 2 fig, 2 tab.
- NEWSOME, J. 1988. *Late Quaternary vegetational history of the Central Highlands of Sumatra. I. Present vegetation and modern pollen rain*. J. Biogeogr. 15: 363–386, 9 fig, 5 tab. — Danau di Atas, G. Kerinci; altitudinal forest characterized by pollen spectra.
- NGUYEN, V.T., et al. 1987. *Légumineuses-Papilionoïdées*. Fl. Cambodge, du Laos et du Vietnam 23: 258 pp, 42 fig. ISBN 2-85654-179-X. (In French). — 38 genera, 157 species (5 new, 1 new var, 1 new comb.); key to the tribes, genera; most genera treated here, not Desmodium, Tephrosieae, Dalbergieae, Phaseoleae.
- NOBLE, B.F. 1986. *Tiger grass as an economic venture in the highlands*. Canopy 12/6: 9, 14–15, 2 tab. — Some uses of *Thysanolaena maxima* in the Philippines.
- NOOTEBOOM, H.P. 1987. *Laumoniera, a new genus of Simaroubaceae from Sumatra*. Blumea 32: 383–384, 1 fig.
- 1987. *Notes on Magnoliaceae. II. Revision of Magnolia sections Maingola (Malesian species), Aromadendron, and Blumiana*. Blumea 32: 343–382, 10 fig. — 17 species, 8 new, 1 new subsp., 3 new vars, 7 new comb.; key, descriptions; excluded names.
- *—(Ed.). 1987. *Report of the 1982–1983 Bukit Raya Expedition*. 93 pp. Rijksherbarium, Leiden. — Contains articles by B.K. Maloney, J.P. Moga, H. van Reuler, E.F. Torquebiau, q.v. Nooteboom has written an article on the vegetation and flora (p. 61–66). There are 10 appendices on soil profiles, new species (no descriptions) and records, rheophytes, species list of base camp, same of Bt. Raya, vernacular names in Tumbang Habangoi, list of trees in a plot in primary dipterocarp forest, enumeration of palms.
- NYANANYO, B.L. 1987. *Taxonomic studies in the genus Portulaca L. (Portulacaceae)*. Feddes Repert. 98: 399–402, 2 tab. — 2 sections distinguished, but Australian representatives apparently not studied!
- 1988. *Leaf anatomical studies in the Portulacaceae (Centrospermae) with regards to photosynthetic pathways*. Folia Geobot. & Phytotax. 23: 99–101, 1 tab. — Of 18 genera, 112 species only all 20 Portulaca spp. had C₄.
- OGANEZOVA, G.G. 1987. *Systematic position of some genera disputable for Asphodeloideae (Liliaceae) based on the anatomical structure of their fruits and seeds*. Bot. Dzj. 72: 1009–1020, 2 fig. (In Russian, English summ.)
- OHASHI, H. 1987. *Eleutherococcus (Araliaceae) – A new system and new combinations*. J. Jap. Bot. 62: 353–361. — 5 (new) sections, new combinations for Chinese and Japanese taxa.
- 1988. *Raphiolepis (Rosaceae) of Japan*. J. Jap. Bot. 63: 1–7, 1 tab. — 1 species, *R. indica*, with several infraspecific stat. nov. for Japanese forms.
- OKADA, H. 1987. *A report of the botanical expedition to Papua New Guinea during 29th July and 2nd September, 1985*. Sc. Rep. Coll. Gen. Educ., Osaka Univ. 36: 7–32, 23 fig. (8 col. pl.). — Itinerary, brief description of localities, collection list of woody Polycarpicae, some chromosome counts (very variable, base x = 8 for Annonaceae?); comparison of tropical rain forests of the world.

- & M. HOTTA. 1987. *Chromosome numbers of Araceae*. Private publication. 42 pp.
- & — 1987. *Species diversity at wet tropical environments. II. Speciation of Schismatoglottis okadae (Araceae), an adaptation to the rheophytic habitat of mountain stream in Sumatra*. Contr. Biol. Lab. Kyoto Univ. 27: 153–170, 8 fig, 4 tab.
- OKAMOTO, M. 1987. *On the violet group subsect. Serpentes in Southeast Asia*. Acta Phytotax. Geobot. 38: 113–122, 2 fig. (In Japanese, English summ.). — 2 groups of ca. 10 species, 1 unidentified; holdings in KYO).
- OKOLO, M.O. & L.S. GILL. 1986. *Pollen morphological studies of the subfamily Papilionoideae (Leguminosae) from Southern Nigeria*. J. Palynol. 22: 153–190, 7 fig, 1 tab.
- ONO, M., et al. 1986. *Present situation of endangered plant species in the Bonin (Ogasawara) islands*. Ogasawara Res. 12: vii, 55 pp, 3 fig, 2 tab, 13 col. pl.
- OOST, E.H., et al. 1987. *Lectotypification of Brassica rapa L., B. campestris L. and neotypification of B. chinensis L. (Cruciferae)*. Taxon 36: 625–634, 5 fig.
- PAL, D.C. 1987. *Is Polytrias an allergic plant in India?* J. Econ. Tax. Bot. 9: 268. — New for Andaman; flowers only between November to end of January.
- PANIGRAHI, G. 1987. *Echites antidyserterica (L.) Roxb. ex Fleming and Holarrhena antidyserterica (L.) Wall., validly published synonyms of Wallida antidyserterica*. Taxon 36: 464–467. — The first a synonym of W. antidyserterica, the second of W. pubescens.
- & B.K. DIKSHIT. '1985', 1987. *Systematics of the genus Potentilla L. – (Rosaceae) – Its infrageneric classification and evolutionary trends*. Bull. Bot. Surv. India 27: 177–196, 1 fig, 1 map, 3 tab. — 9 subgenera (1 new; incl. Duchesnea), 17 sections (1 new).
- PANNELL, C.M. & M.J. KOZIOL. 1987. *Ecological and phytochemical diversity of arillate seeds in Aglaia (Meliaceae): a study of vertebrate dispersal in tropical trees*. Phil. Trans. Roy. Soc. London, Biol. Sc. 316: 303–333, ISSN 0080-4622. (n.v.).
- PARK, C.-W. 1987. *Flavonoid chemistry of Polygonum sect. Echinocaulon: a systematic survey*. Syst. Bot. 12: 167–179, 2 fig, 6 tab.
- PARNELL, J. & J. SZUJKÓ-LACZA. 1987. *H.W. Schott's personal herbarium in BP*. Taxon 36: 427–428, 1 fig. — Probably containing many iso- and syntypes of the material that was lost in W.
- PARR-SMITH, G.A. 1985. *Chenopodiaceae*. Fl. Austr. 4: 320–321. — 9 new taxa and combinations.
- PARTOMIHARDJO, T., et al. 1987. *A preliminary note on gaps in a lowland dipterocarp forest in Wanariset, East Kalimantan*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 241–253, 5 fig. — Species composition with special stress on regeneration of Dipterocarpaceae.
- PAUL, T.K. '1985', 1987. *Some new records of the genus Malva L. (Malvaceae) from India*. Bull. Bot. Surv. India 27: 241–243. — E.g. *Malva parviflora* var. *microcarpa* (Rajasthan), also known from the Mediterranean to Pakistan, introduced in Java.

- PEDLEY, L. 1987. *In defense of Racisperma*. Bull. I.G.S.M. 15: 123–129.
- PENG, C.-I. 1987. *Murdannia spirata* (L.) Brückner (Commelinaceae), a neglected species in the flora of Taiwan. J. Taiwan Mus. 40: 51–56, 2 fig. — Description.
- PENG, T.-H. (Ed.) 1987. *Plumbaginaceae*. Fl. Reipubl. Pop. Sin. 60/1: 1–47, ill.
- *PETOCZ, R.G. 1988. *The ecology of Irian Jaya. A preliminary bibliography*. Unpaged. School for Resource and Environmental Studies, Dalhousie University, 1312 Robie St., Halifax (N.S.), Canada B3H 3E2. ISBN 0-7703-0486-9. Price unknown. — 25 sections on most diverse aspects of botany and zoology.
- PHILIPSON, W.R. 1987. *Corynocarpus* J.R. & G. Forst. – an isolated genus. Bot. J. Linn. Soc. 95: 9–18, 7 fig. — Apparently not clearly related to anything so far suggested by anybody.
- 1988. *A classification of the Monimiaceae – an additional note*. Nord. J. Bot. 8: 24. — Validation of infra-generic names.
- PITMAN, M.W., et al. 1987. *Phylogenetic relationships among Paspalum species with different base chromosome numbers*. Bot. Gaz. 148: 130–135, ill. (n.v.).
- POPPENDIECK, H.-H. 1987. *Monoecy and sex changes in Freycinetia* (Pandanaceae). Ann. Missouri Bot. Gard. 74: 314–320, 3 fig, 2 tab. — Freycinetia cumingiana, F. funicularis.
- POREMBSKI, S. & W. BARTHLOTT. 1988. *Velamen radicum micromorphology and classification of Orchidaceae*. Nord. J. Bot. 8: 117–137, 35 fig, 1 app. — Distribution of characters largely conform present classifications.
- PRAMANIK, A. & K. THOTHATHRI. 1987. *Miscellaneous notes on two Indian moonseeds (Menispermaceae)*. Kew Bull. 42: 705–706. — Diploclisia kunstleri = D. glaucescens var. kunstleri (Flora Malesiana I, 10, 1986, 230) in S. Andaman.
- PRENDERGAST, H.D.V. & P.W. Hattersley. 1987. *Australian C₄ grasses (Poaceae): leaf blade anatomical features in relation to C₄ acid decarboxylation types*. Austr. J. Bot. 35: 355–382, 3 fig, 5 tab. — Very important survey.
- PRESCOTT, A. & J. VENNING. 1985. *Aizoaceae*. Fl. Austr. 4: 19–62, 319, fig. 5–13, maps 20–81.
- PRIDGEON, A.M. 1986. *Anatomical adaptations in Orchidaceae*. Lindleyana 1: 90–101, 17 fig.
- PRICE, R.A., et al. 1987. *Relationships among the genera of Pinaceae: an immunological comparison*. Syst. Bot. 12: 91–97, 2 fig, 3 tab. — Van Tieghem's 2 subgenera confirmed, Vierhapper's system rejected.
- PUNT, W. 1987. *A survey of pollen morphology in Euphorbiaceae with special reference to Phyllanthus*. Bot. J. Linn. Soc. 94: 127–142, 37 fig.
- QUINN, C.J. 1987. *The Phyllocladaceae Keng - a critique*. Taxon 36: 559–565, 6 fig. — = Podocarpaceae.
- RADCLIFFE-SMITH, A. 1987. *Segregate families from the Euphorbiaceae*. Bot. J. Linn. Soc. 94: 47–66, 11 fig. — Discussion of families presently recognized in Kew.

- RAHIMAN, B.A. 1987. *Geographical distribution of the genus Piper Linn. in India*. Curr. Sc. 56: 666–668, 1 map. — 3 major centres.
- & M.K. NAIR. 1987. *The genus Piper Linn. in Karnataka, India*. J. Bomb. Nat. Hist. Soc. 84: 66–83, 8 fig. — Full revision of 8 species: e.g. key, descriptions.
- RAMP, E. 1987. *Funktionelle Anatomie des Gynoeciums bei Staphylea*. Bot. Helv. 97: 89–98, 13 fig.
- RAO, A.N. 1987. *Reproductive biology of Dipterocarpaceae*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 319–330, 2 fig. — Review of data; in vitro culture.
- RAO, M.K.V. '1985', 1987. *Cleisostoma uraiensis (Hayat) Garay & Sweet (Orchidaceae) in the Nicobar Islands, India*. Bull. Bot. Surv. India 27: 235. — Also known from the Philippines and Ryukyus.
- RAO, N.A. 1987. *A note on the correct identity of Liparis indiraii Manilal et Sathish Kumar (Orchidaceae)*. J. Econ. Tax. Bot. 9: 249–250. — = L. wrayii.
- RAO, P.R.M. 1987. *Seed and fruit anatomy in Gyrocarpus americanus with a discussion on the affinities of Hernandiaceae*. Israel J. Bot. 35: 133–152, 20 fig, 2 tab. — Hernandiaceae closest to Lauraceae.
- RAO, R.V., et al. 1987. *Reinvestigation of the wood anatomy of Duabanga and Sonneratia with particular reference to their systematic position*. IAWA Bull. n.s. 8: 337–345, 13 fig, 1 tab. — Should be 2 subfamilies in the Lythraceae.
- RAO, S.R.S. 1987. *Structure, distribution and classification of plant trichomes in relation to taxonomy: Sterculiaceae*. Feddes Repert. 98: 127–135, 2 fig, 1 tab. — 11 species, 21 trichome types (6–12 types to 1 species).
- & A.M. SAIBABA. 1988. *Epidermal studies as an aid to taxonomy: Sida L.* Feddes Repert. 99: 19–26, 2 fig, 1 tab. — 15 types in 7 Indian species, key.
- RASMUSSEN, F.H. 1986. *An aspect of orchid anatomy and adaptationism*. Lindleyana 1: 102–107, 13 fig. — Silica cells.
- 1986. *On the various contrivances by which pollinia are attached to viscidia*. Lindleyana 1: 21–32, 29 fig.
- 1986. *Ontogeny and phylogeny in Orchidaceae*. Lindleyana 1: 114–124, 28 fig, 1 tab.
- 1986. *The vegetative architecture of orchids*. Lindleyana 1: 42–50, 19 fig.
- RAY, T.S. 1987. *Diversity of shoot organization in the Araceae*. Am. J. Bot. 74: 1373–1387, 11 fig.
- 1987. *Leaf types in the Araceae*. Am. J. Bot. 74: 1359–1372, 11 fig, 1 tab. — 4 types.
- REID, R. 1988. *Mango report*. Threatened Pl. Newsl. 19: 12, 1 fig. — On the survey in Malesia of wild Mangifera species by Drs. J.M. Bompard, A.J.G.H. Kostermans, and S.K. Mukherjee under the auspices of IBPGR and IUCN-WWF started in 1984.
- RENOVIZE, S.A. 1987. *A survey of leaf-blade anatomy in grasses. X. Bambuseae*. Kew Bull. 42: 201–207, 2 fig. — 48 genera studied; collective description.

- 1987. *A survey of leaf-blade anatomy in grasses. XI. Paniceae*. Kew Bull. 42: 739–768, 10 fig. — Important survey of occurrence of C₃ and C₄.
- RESINGER, H. 1988. *Paphiopedilum und Phalaenopsis in Sabah*. Die Orchidee 39: 88–90, 2 col. pl. (In German).
- REULER, H. VAN. 1987. *Introduction* to H.P. Nooteboom, Report of the 1982-1983 Bukit Raya Expedition (1987): 4–6, 1 map, 1 fig. — Climate, hydrology, geology, geomorphology.
- 1987. *Soil studies in the Bukit Raya Nature Reserve*. In: H.P. Nooteboom, Report of the 1982-1983 Bukit Raya Expedition, 1987): 7–23, 4 fig, 6 tab.
- REYNOLDS, S. T. 1985. *Sapindaceae*. Fl. Austr. 25: 4–164, 198–202, 36 fig, 210 maps. — 30 genera, c. 190 species, 16 new, 1 new combination; Dodonaea and Diplopeltis by J.G. West.
- 1987. *Notes on Sapindaceae. V. Austrobaileya* 2: 328–338, 3 fig, 3 maps. — Key to Diploglottis (1983) emended; Heterodendrum reduced to Alectryon.
- RICO ARCE, L. 1987. *Generic patterns in the tribe Ingeae with emphasis in 'Zygia-Caulanthon'*. Bull. I.G.S.M. 15: 51–69, 5 fig, 5 tab. — Similarities with Archidendron from New Guinea; cladistic and phenetic analyses; possible Gondwana connections between South America and Malesia.
- RISWAN, S. 1987. *Kerangas forest at Gunung Pasir, Samboja, East Kalimantan. I. Its structural and floristic composition*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987) 471–494, 4 fig, 11 tab.
- 1987. *Structure and floristic composition of a mixed dipterocarp forest at Lempake, East Kalimantan*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda 435–457, 6 fig, 9 tab.
- ROJO, J.P. 1986. *The correct names of Philippine almaciga (Agathis: Araucariaceae)*. Canopy 12/4: 7, 12–13,, 1 map. — Summary of Veldkamp & De Laubenfels' 1984 paper; key to the Philippine micro-species; possibly differences in chemistry of resins.
- 1987. *Petiole anatomy and infrageneric interspecific relationship of Philippine Shorea (Dipterocarpaceae)*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987) 569–601, 11 fig, 1 tab. — Key to the 6 genera an anatomical characters; 1 new section (invalid).
- *ROSENGARTEN Jr., F. 1984. *The book of edible nuts*. Walker & Co., 720 Fifth Avve., New York (N.Y.) - 10019, U.S.A. — See Reviews.
- ROSS, E.M. 1987. *Musaceae*. Fl. Austr. 45: 16–19, maps 15–17.
- ROSSIGNOL, L., et al. 1987. *A systematic revision of Phyllanthus subsection Urinaria (Euphorbiaceae)*. Am. J. Bot. 74: 1853–1862, 17 fig. — Phyllanthus urinaria s.l. raised to subsection with 4 species, 2 new, 2 subsp., 1 new; descriptions; key; collector's lists.

- RUDALL, P.J. 1987. *Laticifers in Euphorbiaceae - A conspectus*. Bot. J. Linn. Soc. 94: 143–163, 27 fig. — Distribution of laticifers agrees with Webster's classification of 5 subfamilies.
- SACHET, M.-H. 1987. *Dates of plant names published in Flore de la Polynésie française by E. Drake del Castillo*. Taxon 36: 753–755. — There is an earlier edition of 28 November 1892, while most new names were previously published in his Illustrations.
- 1987. *The littoral species of Sesbania (Leguminosae) in the South Pacific islands and its relatives*. Bull. Mus. Nat. Hist. Nat., Paris, IV, B, Adansonia 9: 3–27, 7 fig (1 col.). — *Sesbania coccinea*, 2 subsp., 5 vars.; review of Sect. Agati (6 species, 2 new, 1 from Java unnamed), key.
- SAMPSON, F.B. 1987. *Disulcate pollen in Trimeniaceae (Laurales)*. Grana 26: 239–241, 6 fig. — In Piptocalyx.
- SAMUEL, R. 1987. *Chromosome numbers in Piper*. Kew Bull. 42: 465–470, 1 fig, 2 tab. — Survey; all Old World species studied polyploid; $x = 13$.
- SANTOS, J.V. 1986. *Philippine grasses*. In: Guide to Philippine flora and fauna 4: 47–144, 87 fig. ISBN 971-1026-20-1. — Account of 87 more or less economically important species; descriptions; illustrations; glossary; no key.
- 1986. *Philippine bamboos*. In: Guide to Philippine flora and fauna 4: 1–44, 26 fig, 1 tab. ISBN 971-1026-20-1. — Account of 25 species, 1 variety; descriptions; illustrations; glossary; no key.
- SAPRE, A.B., et al. 1988. *Spontaneous allotetraploid of Coix gigantea × C. aquatica*. Curr. Sc. 57: 191–192, 1 fig. — Sterile.
- & S.S. BARVE. 1988. *Nullisomic-trisomic in Coix gigantea (Poaceae)*. Curr. Sc. 57: 90–91, 3 fig.
- SATYAVATHI, S., et al. 1987. *Numerical taxonomy of some Bignoniaceae*. Feddes Repert. 98: 391–397, 1 fig, 6 tab. — Spathodea seems primitive, Tabebuia advanced.
- SAW, L.G., et al. 1988. *Notes on the Setaria palmifolia group (Gramineae) in Malesia*. Floribunda 1: 21–23. — *Setaria plicata* (Lamk.) Cooke reduced to variety of *S. palmifolia*; *S. plicata* sensu Fl. Java = *S. barbata*.
- SCHMID, M. 1987. *Conditions d'évolution et caractéristiques du peuplement végétal insulaire en Mélanésie occidentale: Nouvelle-Calédonie, Vanuatu*. Bull. Soc. Zool. France 112: 233–254, 3 tab. (Engl. summ.) — Floristic evolution and characteristics of the insular plant cover in western Melanesia: New Caledonia, Vanuatu.
- SCHOSEN, G. 1987. *Nicolaia elatior, der Fackelingwer*. Palmengarten 1/87: 1–2, 1 fig, frontisp. (In German). — Description, history.
- SCHUC, R.T. & G.M. STONEDAHL. 1987. *Historical biogeography in the Indo-pacific: a cladistic approach*. Cladistics 2: 337–355, 12 fig.
- SCHULTES, R.E. 1987. *Studies in the genus Hevea. VIII. Notes on infraspecific variants of Hevea brasiliensis (Euphorbiaceae)*. Econ. Bot. 41: 125–147, 7 fig.

- SEBERG, O. 1988. *Taxonomy, phylogeny, and biogeography of the genus Oreobolus R. Br. (Cyperaceae), with comments on the biogeography of the South Pacific continents.* Bot. J. Linn. Soc., London, 96: 119–195, 33 fig, 2 tab. — 14 species, 3 subspecies (in Malesia of *O. pumilio* only ssp. *clemensiae* comb. nov.); phylogenetic and biogeographic analyses; descriptions, keys, collectors under the taxa, but no overall list.
- SEETHARAM, Y.N. 1987. *Clusiaceae: palynology and systematics.* Trav. Sect. Sc. & Techn., Inst. Franç. Pondichéry 21: 1–80, 4 fig, 52 pl. — Generic revision; cladistics; Hypericaceae, Bonnetiaceae included; key to genera.
- SENGHAS, K. 1988. *Über die Gattungen Chamaeanthus und Chroniochilus. Neubeschreibung der Gattung Gunnarella.* Die Orchidee 39: 68–73, 7 fig. (In German). — *Chamaeanthus* split up; also in Thailand.
- & L. BOCKEMÜHL. 1987. *Ludisia discolor* (Ker.-Gawl.) A. Rich. 1825. Die Orchidee 38: 483–484, col. pl, fig.
- SETIA, R.C., et al. 1987. *The podwall structure and function in relation to seed development in some legumes.* Phyton (Austria) 27: 205–220, 4 fig.
- SHARMA, V.S. 1987. *Comments on the identity of Ageratum conyzoides L., and A. houstonianum Mill. – two naturalized weeds in India.* Feddes Repert. 98: 557–560, 1 fig. — Good species; key.
- SHETTY, B.V. & P. SINGH. 1988. *The Vitaceae in Rheede's Hortus malabaricus.* Taxon 37: 169–174. — Some also Malesian.
- SHETTY, S.A. & H.S. SHETTY. 1987. *Role of Panicum trypheron in annual recurrence of false smut in rice.* Trans. Br. Mycol. Soc. 88: 409–411, 1 fig. — The *Panicum* is the host of *Ustilaginoidea virens* between rice harvests.
- SHIMIZU, T. 1987. *A note on the distribution of the genus Impatiens (Balsaminaceae) in Southeast Asia.* Acta Phytotax. Geobot. 38: 53–56, 2 fig. (In Japanese, partly and summ. in English). — 1 new combination.
- *SILVIUS, M.J., et al. (Eds.). 1987. *The Indonesian wetland inventory. A preliminary compilation of existing information on wetlands of Indonesia.* Vol. 1. 121 pp, ill. PHPA (Jl. Ir. H. Juanda 9, Bogor), AWB/Interwader (POB 133, Bogor), Edwin (POB 9518, 2300 RA Leiden). US\$ 30.00 (airmail), US\$ 20.00 (surface mail).
- *—(Eds.). 1987. *The Indonesian wetland inventory. A preliminary compilation of existing information on wetlands of Indonesia.* Vol. 2. 268 pp, ill, 3 loose maps. As above.
- SIMON, B.K. 1987. *The grass types of Karel Domin.* Austr. Syst. Bot. News. 50: 1–2.
- *SIMONS, H. 1987. *Gunung Niut Nature reserve, proposed management plan.* — See Reviews.
- SINGH, V.P., et al. 1987. *A new record of some mangrove species from Andaman Islands and their distribution.* Ind. For. 113: 214–217, 1 fig, 1 map. — *Bruguiera cylindrica*, *B. sexangula*, *Rhizophora lamarckii*, *Rh. stylosa*; descriptions.
- 1987. *Some ecological aspects of mangrove forest of Andaman Islands.* J. Bomb. Nat. Hist. Soc. 83: 525–537, 1 map, 7 tab.

- SIRIRUGSA, P. 1987. *Three new species and one new combination in Boesenbergia (Zingiberaceae) from Thailand*. Nord. J. Bot. 7: 421–425, 2 fig. — Key to the Thailand species.
- 1987. *Three new species of Hiptage (Malpighiaceae) from Thailand*. Nord. J. Bot. 7: 277–280, 1 fig. — Key to Thai species.
- SIVADAS, P., et al. 1987. *On the occurrence of Neisosperma oppositifolia (Lamk.) Fosberg & Sachet at Kavaratti Island, Lakshadweep*. Ind. For. 113: 750–752, 2 fig. — Not known from mainland India.
- SLEUMER, H. 1987. *A revision of the genus Maesa Forsk. (Myrsinaceae) in New Guinea, the Moluccas, and the Solomon islands*. Blumea 32: 39–65. — 26 spp., 9 new; key; descriptions; collectors' list.
- 1987. *The genera Embelia Burm.f. and Grenacheria Mez (Myrsinaceae) in New Guinea*. Blumea 32: 385–396. — 12 species, 5 new; key, descriptions.
- SMETS, E.F. & E.M. CRESENS. 1988. *Types of floral nectaries and the concepts 'character' and 'character-state' – a reconsideration*. Acta Bot. Neerl. 37: 121–128, 7 fig.
- SMITH, A.P. 1987. *Tropical alpine plant ecology*. Ann. Rev. Ecol. Syst. 18: 137–158, 1 fig, 1 tab.
- SMITH, R.M. 1987. *A review of Bornean Zingiberaceae: III*. Notes Roy. Bot. Gard., Edinburgh 44: 203–232, 6 fig. — Hedychieae; 6 genera, 31 spp., 6 new, 2 new var.; descriptions; keys.
- 1987. *Costaceae*. Fl. Australia 45: 34–37, 453, fig. 28, maps 36–37.
- 1987. *Two new gingers from Sabah*. Notes Roy. Bot. Gard., Edinburgh 44: 233–236, fig. — Amomum, Hornstedtia.
- 1987. *Zingiberaceae*. Fl. Australia 45: 19–34, 453, col. pl. 1, fig. 24–27, maps 18–35.
- SMITH, S.G. 1987. *Typha: its taxonomy and the ecological significance of hybrids*. Acta Hydrobiol. Beih. 27: 129–138, 1 tab. — Typha domingensis very variable; T. orientalis very similar to South African T. capensis and North American T. × glauca, T. domingensis × latifolia.
- SMITINAND, T. 1987. *The similarity of the tree flora of Southeast Asia and North Australia*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 531–534.
- SMITS, W.T.M. 1987. *Production of dipterocarp planting stocks in nurseries*. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987) 151–157. — Methods discussed.
- SODERSTROM, T.R. 1985. *Bamboo systematics: yesterday, today, and tomorrow*. J. Am. Bamboo Soc. 6: 4–16. — Important, brief survey of history and future research.
- et al. 1987. *The Phareae and Streptogyneae (Poaceae) of Sri Lanka: a morphological-anatomical study*. Smithson. Contr. Bot. 65: 27 pp, 8 fig. — Descriptions, keys.

- *SOERJANI, M., et al. (Eds.). 1986. *Weeds of rice in Indonesia*. xvi, 716 pp, 327 fig, 1 map. Balai Pustaka, POB 29, Jakarta Pusat. Rp. 46,000.00, US\$ 39.00. ISBN 979-407-004-1. — See Reviews.
- SONCK, C.E. 1987. *A new Taraxacum species, T. indonesicum, from Java*. Ann. Bot. Fenn. 24: 307–309, 3 fig.
- SØRENSEN, M. 1988. *A taxonomic revision of the genus Pachyrhizus (Fabaceae – Phaseoleae)*. Nord. J. Bot. 8: 167–192, 20 fig, 1 tab.
- STANLEY, T.D. 1987. *Cannaceae*. Fl. Australia 45: 38–39, maps 38–40.
- STAPLES, G.W. 1987. *The genus Porana (Convolvulaceae) in Australia*. Nuytsia 6: 51–59, 4 fig. — 2 species, 1 new.
- *STEENIS, C.G.G.J. VAN. 1987. *Checklist of generic names in Malesian botany*. 162 pp. Flora Malesiana Foundation. Price Dfl. 35.00. — See Reviews.
- 1987. *Rheophytes of the world: Supplement*. Allertonia 4: 267–330, 11 fig. (Edited by Ms. M.J. van Steenis-Kruseman). — General notes on rheophytes, summarized from the book, and therefore an important publication; new records of rheophytes, notably from the Neotropics, but also Malesia; Schismatoglottis okadae (!), p. 293, has now been described, see above sub M. Hotta.
- STIEBER, M.T. 1987. *Revision of Ichnanthus sect. Foveolatus (Gramineae: Panicoideae)*. Syst. Bot. 12: 187–216, 7 fig. — 32 taxa, 2 var. of I. pallens Malesian: var. major ('majus') comb. nov. for most of I. vicinus in Asia, a few of var. pallens and some intermediates; descriptions, synonymy, distribution.
- *STIRTON, C.H. (Ed.) 1987. *Advances in legume systematics. Part 3*. xiv, 466 pp. Royal Botanic Gardens Kew. ISBN 0-947643-07-9. Price unknown.
- STONE, B.C. 1987. *New taxa of Pandanus (Pandanaceae) from Malesia and Papua*. Blumea 32: 427–441, 6 fig. — 2 new sections, 2 new species, extended descriptions of 3 species.
- & A. WEBER. 1987. *A new species of Phyllagathis (Melastomataceae) from the Endau-Rompin proposed National Park, Malaysia*. Proc. Acad. Nat. Sc., Philadelphia 139: 307–313, 4 fig.
- STUESSY, T.F. & D.M. SPOONER. 1988. *The adaptive and phylogenetic significance of receptacular bracts in the Compositae*. Taxon 37: 114–126, 1 fig, 5 tab. — Especially of the Heliantheae; presence not necessarily plesiomorphic.
- SUDO, S. 1988. *Anatomical characters and identification of Papua New Guinea timber species*. Bull. For. & For. Prod. Res. Inst. 350: 1–199, 131 fig. (In Japanese).
- & T. FUJII. 1987. *Latex tubes in the rays of Pimelodendron amboinicum Hassk. (Euphorbiaceae)*. IAWA Bull. n.s. 8: 109–112, 6 fig. — Reliable anatomical character for distinction of the wood.
- SUGIMOTO, M., et al. 1987. *Comparative study of runners in several species of tribe Potentilleae (Rosaceae)*. J. Phytogeogr. & Taxon. 35: 171–178, 15 fig. (In Japanese, Engl. summ.). — 3 types.

- SULISTIARINI, D. 1987. *Balanophora hansenii* and *B. elongata* not synonymous. *Floribunda* 1: 11–12, 2 fig. (In Indonesian).
- SUNARNO, B. 1987. A monstrous flower of *Myrsine avenis* from Mt. Burangrang, West Java. *Floribunda* 1: 15–16, 1 fig. — Gall.
- SUNARTI, S. 1987. Leaf anatomy and the taxonomy of duku, kokosan and pisitan (*Lansium spp.*). *Floribunda* 1: 13–15, 3 fig. (In Indonesian, English summary). — Distinction of three species supported.
- SUSELO, T.B. & S. RISWAN. 1987. Compositional and structural pattern of lowland mixed dipterocarp forest in the Kutai National Park, East Kalimantan. In: A.J.G.H. Kostermans, Proceedings of the Third Round table Conference on Dipterocarps, Samarinda (1987): 459–470, 3 fig, 3 tab.
- SYMON, D.E. 1987. Placentation patterns and seed numbers in *Solanum* (Solanaceae) fruits. *J. Adelaide Bot. Gard.* 10: 179–199, 10 fig, 7 tab. — 100 species studied.
- TAKAHASHI, H. 1987. Distribution of *Tricyrtis* and its phytogeographical problems. *Acta Phytotax. Geobot.* 38: 123–132, 7 fig, 1 tab. (In Japanese).
- TAM, P.-C. 1988. *Balanophoraceae*. *Fl. Reipubl. Pop. Sin.* 24: 250–268, 4 fig. — 2 genera, 20 species.
- 1988. *Santalaceae*. *Fl. Reipubl. Pop. Sin.* 24: 52–86, 8 fig. — 8 genera, 35 species.
- TORQUEIAU, E.F. 1987. Forest mosaic pattern analysis. In: H.P. Nooteboom, Report of the 1982–1983 Bukit Raya Expedition (1987): 25–42, 8 fig, 1 tab.
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