

XIII. BIBLIOGRAPHY

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* Books have been marked with an asterisk.

BRYOPHYTES

- AKIYAMA, H. 1990. *Taxonomic studies of mosses of Seram and Ambon (Moluccas, East Indonesia) collected by Indonesian-Japanese Botanical Expeditions II*. J. Fac. Sc., Univ. Tokyo, III, 14: 385–413, illus. — Dicranaceae (14 genera, 25 species), Calomniaceae (1/1), Daltoniaceae (1/1); 3 new species.
- AKIYAMA, H. 1990. *Taxonomic studies of mosses of Seram and Ambon (Moluccas, East Malesia) collected by Indonesian-Japanese Botanical Expedition. III*. Acta Phytotax. Geobot. 41: 129–142, illus. — Rhizogoniaceae (4 genera/6 species.), Racopilaceae (2/4, 1 new), Pterobryaceae (6/8), Trachylomataceae (1/1), Garovagliaceae (1/8).
- AKIYAMA, H., et al. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLV. Neolindbergia (Prionodontaceae, Musci)*. Acta Bot. Fenn. 143: 1–22, illus. — 8 species, 1 new, 1 new name; key, descriptions.
- ALLEN, B. 1990. *Campylopus atlanticus (Musci: Dicranaceae), a new species from Panama, with comments on the taxonomy of Campylopus*. Bryologist 93: 445–447, illus. — Cygneous setae no indicators of generic homogeneity.
- BISCHLER-CAUSSE, H. 1989. *Marchantia L. The Asiatic and Oceanic taxa*. Bryoph. Bibl. 38: 1–317, illus. — 3 subgenera, 5 sections (2 new), 30 species (5); keys, descriptions, notes.
- BISCHLER-CAUSSE, H. & M. C. BOISSELIER-DUBAYLE. 1991. *Lectotypification of Marchantia polymorpha L.* J. Bryol. 16: 361–365, illus. — 3 new species, weakly distinguishable.
- *BRUGGEMAN-NANNENGA, M.A. 1988. *Systematic studies on Fissidens (Musci)*. Thesis, Utrecht. 180 pp. — Renumbered edition of previous papers with two chapters added: 'On the peristome types found in the Fissidentaceae and their importance for the classification' (with W. Berendsen), and 'Cladistic relationships between the main peristome types of the Fissidentaceae' (with M.C. Roos).
- BRUGGEMAN-NANNENGA, M.A.. 1990. *On the anatomy of the costa in Fissidens*. Trop. Bryol. 3: 37–44, illus. — 3 types.
- BRUGGEMAN-NANNENGA, M.A. & W. BERENDSEN. 1990. *On the peristome types found in the Fissidentaceae and their importance for the classification*. J. Hattori Bot. Lab. 68: 193–234, illus. — 5 basic types.
- BRUGGEMAN-NANNENGA, M.A. & M.C. ROOS. 1990. *Cladistic relationships between the main peristome types of the Fissidentaceae*. J. Hattori Bot. Lab. 68: 235–238, illus.
- BUCK, W.R. 1990. *A monograph of Entodon (Entodontaceae) in Australia, Eastern Melanesia and Southern Oceania*. Austr. Syst. Bot. 3: 701–709, illus. — 2 species, 1 Malesian; key; synonymy, descriptions.

- BUCK, W.R. & H. CRUM. 1990. *An evaluation of familial limits among the genera traditionally aligned with the Thuidiaceae and Leskeaceae*. Contr. Univ. Mich. Herb. 17: 55–69. — 1 new family, 1 subfamily, Pelekium synonym of Lorentzia, autoicous species of Thuidium of Cyrtohypnum.
- CRUM, H. 1991. *A partial clarification of the Lembophyllaceae*. J. Hattori Bot. Lab. 69: 313–322. — 1 new subfamily, 2 new genera, 2 new comb.
- *EDDY, A. 1990? *A handbook of Malesian mosses. Leucobryaceae to Buxbaumiaceae*. 256 pp, illus. Nat. Hist. Mus. Publ., London ISBN 0-565-01116-2. Price unknown.
- ELLIS, L.T. 1989. *A taxonomic revision of Calymperes in southern India and neighbouring islands*. J. Bryol. 15: 697–732, illus. — 14 species, Heliconema (3 species) raised to genus; key; synonymy, descriptions.
- ENROTH, J. 1990. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XXXVIII. Cyrtopodaceae and Cryphaeaceae (Musci)*. Ann. Bot. Fenn. 27: 177–188, illus. — Key, descriptions.
- ENROTH, J. 1990. *Notes on the Neckeraceae (Musci) 3–7. Homaliodendron piniforme comb. nov. and new synonyms in Porotrichum, Himantocladium and Neolindbergia*. Nova Hedw. 51: 551–559. — Himantocladium cyclophyllum, Neolindbergia densiramea.
- ENROTH, J. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLVIII. Plagiotheciaceae (Musci)*. Ann. Bot. Fenn. 28: 111–115, illus. — 1 taxon.
- ENROTH, J. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLI. Ptychomniaceae (Musci)*. Acta Bot. Fenn. 143: 35–41, illus. — 2 genera, 2 species; key, descriptions.
- ENROTH, J. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLII. Entodontaceae (Musci)*. Acta Bot. Fenn. 143: 43–55, illus. — 4 genera, 5 species; keys, descriptions.
- ENROTH, J. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLIII. Funariaceae (Musci)*. Acta Bot. Fenn. 143: 57–69, illus. — 3 genera, 4 species + 3 doubtful; keys, descriptions.
- FIFE, A.J. & A.J. SHAW. 1990. *Epipterygium (Musci: Bryaceae) new to Australasia, with the description of E. opararense, sp. nov.* N. Zeal. J. Bot. 28: 375–379, illus.
- FRAHM, J.-P. 1990. *The altitudinal zonation of bryophytes on Mt. Kinabalu*. Nova Hedw. 51: 133–149, illus.
- FRAHM, J.-P. 1990. *Bryophyte phytomass in tropical ecosystems*. Bot. J. Linn. Soc. 104: 23–33, illus. — Attempt to explain why moss mass increases with altitude.
- FRAHM, J.-P. 1990. *Campylopus laxitextus Lac. new to Australia*. J. Bryol. 16: 305–306.
- FRAHM, J.-P. 1990. *The ecology of epiphytic bryophytes on Mt. Kinabalu, Sabah (Malaysia)*. Nova Hedw. 51: 121–132, illus.
- FRAHM, J.-P. 1991. *Taxonomische Notizen zur Gattung Campylopus. XV. Trop. Bryol.* 4: 59–61 (In German, Engl. summ.). — Campylopus fragilis: 3 new species.

- FRAHM, J.-P. 1991. *A phenetic and cladistic study of the Campylopodioideae*. J. Hattori Bot. Lab. 69: 65–78, illus. — *Campylopodium*, *Microcampylopus* to *Dicranelloideae*, *Campylopodiella* to *Paraleucobryoideae*; key to *Campylopodioideae*, a name apparently based on *Campylopus*, not *Campyloodium*.
- FRAHM, J.-P., et al. 1990. *Mosses and liverworts of Mt. Kinabalu*. Sabah Parks Publ. 12: 1–91, illus. — Semi-popular guide; checklist.
- FRAHM, J.-P. & S.R. GRADSTEIN. 1990. *Ecology of tropical bryophytes: a bibliography*. Trop. Bryol. 3: 75–78.
- *GLIME, J. M. (Ed.) 1988. *Methods in bryology*. Hattori Botanical Laboratory, Nichinan, Miyazaki, Japan. ISBN 4-938163-10-X. Price unknown. — Reviews of methods for a particular purpose, presentation of new methods, reports of results using new methods; very useful manual.
- GRADSTEIN, S. R. 1991. *Diversity and distribution of Asian Lejeuneaceae subfamily Ptychanthoideae*. Trop. Bryol. 4: 1–16, illus. — Synopsis; 17 genera, 88 species, 2 comb. nov.
- GROLLE, R. & S. PIIPPO. 1990. *Bryophyte flora of the Huon Peninsula, Papua New Guinea*. XXXVII. *Leucolejeunea* (*Lejeuneaceae*, *Hepaticae*). Ann. Bot. Fenn. 27: 119–129, illus. — 1 new section; 4 species, 2 new; key; descriptions.
- GRUSS, O. & L. RÖLLKE. 1990. *Phalaenopsis javanica* J.J. Smith 1918. Orchideenkartei in Orchidee 41: 619–620, illus. (In German). — Description, history, notes, hybrids.
- HASEGAWA, J. 1991. *Taxonomy of Phaeoceros laevis subsp. carolinianus and allied taxa in Japan and its adjacent regions*. J. Hattori Bot. Lab. 69: 101–106, illus. — *Phaeoceros laevis* s.s. and subsp. *carolinianus* (here regarded as distinct species) both at least in the Philippines.
- HICKS, M.L. 1991. *Scapania in Queensland, Australia*. J. Hattori Bot. Lab. 69: 129–132, illus. — New subspecies of Japanese/Korean *S. ampliata* in Queensland; curious distribution: if true, the species may be expected in Malesia as well.
- INOUE, H. 1989. *Bazzania oshimensis* (Steph.) Horik. Mem. Nat. Sc. Mus. 22: 49–55, illus. (In Japanese, Engl. summ.). — = *B. tridens*; synonymy.
- JURY, S.L., et al. (Eds.). 1990. *Bryophytes in terrestrial ecosystems*. Bot. J. Linn. Soc. 104: 1–291. — Proceedings of the International Symposium on Bryophyte Ecology, Edinburgh, 1988.
- KATO, M. 1990. *The fern flora of Seram*. In P. Baas et al. (Eds.): 225–234, illus.
- KOPONEN, T., et al. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea*. XLVII. *Generic and family indexes to parts I–XLVI*. Acta Bot. Fenn. 143: 107–111.
- KÜRSCHNER, H. 1990. *Die epiphytischen Moosgesellschaften am Mt. Kinabalu (Nord-Borneo, Sabah, Malaysia)*. Nova Hedw. 51: 1–75, illus. (In German, Engl. summ.). — 18 new associations, 9 subassociations, 4 alliances; zonation correlated with that of phanerogams; species list.

- KÜRSCHNER, H. 1990. *Höhengliederung (Ordination) von epiphytischen Laub- und Lebermoosen in Nord-Borneo (Mt. Kinabalu)*. Nova Hedw. 51: 77–86, illus. (In German, Engl. summ.). — Vertical distribution of 4 ecological groups influenced mainly by climatic factors.
- LAI, M.-J., et al. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLIV. Palamocladium (Brachythecaceae, Musci)*. Acta Bot. Fenn. 143: 71–75, illus. — 1 species, description.
- LEWINSKI, J. 1990. *Zygodon Hook. & Tayl. in Australasia: a taxonomic revision including SEM-studies of peristomes*. Lindbergia 15: 109–139, illus. — In fact only Australia, New Zealand: 7 species.
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- MATSUI, T. & Z. IWATSUKI. 1990. *A taxonomic revision of the family Ditrichaceae (Musci) of Japan, Korea and Taiwan*. J. Hattori Bot. Lab. 68: 317–366, illus. — 8 genera, 20 species (1 new); keys.
- MENZEL, M. & W. SCHULTZE-MOTEL. 1990. *The bryophytes of Sabah (North Borneo) with special reference to the BRYOTROP transect of Mount Kinabalu*. Willdenowia 19: 475–542, illus. — Calymperaceae: 3 genera, 48 taxa, 5 comb. nov.; keys, synonymy, distribution.
- MENZEL, M. & W. SCHULTZE-MOTEL. 1991. *The bryophytes of Sabah (North Borneo) with special reference to the BRYOTROP transect of Mt. Kinabalu. XIV. Sphagnopsida and Andreaeopsida*. Willdenowia 20: 185–197, illus. — 2 genera, 8 species; keys, synonymy, distribution, typification.
- MILLER, H.A. 1988. *Pacific bryophytes: 4. Epipterygium in southern Melanesia*. Syst. Bot. 13: 133–137, illus. — 1 new species.
- MIZUTANI, M. 1990. *Notes on the Lejeuneaceae. 16. Drepanolejeunea thwaitesiana and its related species from Asia*. J. Hattori Bot. Lab. 68: 367–380, illus. — 7 species, keys.
- MOHAMED, M.A.H. & B. BAKAR. 1989. *Pseudoleskeopsis zippelii (Leskeaceae), a new record for the moss flora of Peninsular Malaysia*. Mal. Nat. J. 43: 69–71, illus.
- MOHAMED, M.A.H. & A. DAMANDHURI. 1990. *Bryum tuberosum, a new species from Peninsular Malaysia*. Bryologist 93: 288–289, illus.
- OCHYRA, R. 1990. *On the relationships of Thamnobryum negrosense (Bartr.) Iwats. & Tan (Musci: Thamnobryaceae)*. J. Hattori Bot. Lab. 68: 293–302, illus. — 1 new subgenus; key.
- OCHYRA, R., et al. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLVI. Amblystegiaceae (Musci)*. Acta Bot. Fenn. 143: 91–106, illus. — 5 genera, 5 species; key, descriptions.
- ORBAN, S. & W.D. REESE. 1990. *Syrrhopodon prolifer (Musci: Calymperaceae): a world view*. Bryologist 93: 438–444, illus. — 9 varieties, 2 new comb.; key; synonymy.

- O'SHEA, B.J. 1989. *A guide to collecting bryophytes in the tropics*. Brit. Bryol. Soc., Sp. Vol. 3: 1–28, illus. — A very useful manual.
- PIIPO, S. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XXXIX. Fossombronia (Fossombroniaceae) and Metzgeria (Metzgeriaceae, Hepaticae)*. Acta Bot. Fenn. 143: 1–22, illus. — Fossombronia 1 species, Metzgeria 11 species, 1 new; keys, descriptions.
- PIIPO, S. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XL. Acromastigum and Hygrolembidium (Lepidoziaceae subfam. Bazzanioideae and Lembidoideae, Hepaticae)*. Acta Bot. Fenn. 143: 23–34, illus. — Acromastigum 9 species, Hygrolembidium 1 species; keys, descriptions.
- REESE, W.D. & P.-J. LIN. 1991. *A monograph of the Calymperaceae of China*. J. Hattori Bot. Lab. 69: 323–372, illus. — 30 taxa; keys, descriptions, notes.
- RÜCKERT, D. & W. KORT. 1990. *Bibliography on bryological bibliographies*. Cour. Forsch.-Inst. Senckenberg 132: 1–145. ISSN 0341-4116, ISBN 3-924500-71-1. Price unknown. — List of 1468 bryological publications, each with at least 50 further references. Indices to authors and subjects (taxa, regions, etc.).
- SOLLMAN, P. 1990. *Some new synonyms in tropical pottiaceous mosses*. Lindbergia 16: 22–24. — E.g. Barbula crinita, Bryocrythrophyllum recurvum.
- SRIVASTAVA, S.C., et al. 1990. *Genus Megaceros Campbell in India*. Beitr. Biol. Pfl. 65: 163–173, illus. — Megaceros tjibodensis.
- STONE, I.G. 1990. *Fissidens, sections Crispidium, Amblyothallia and Serridium and subgenus Pachyfissidens in Australasia: some taxonomic changes and a key to species*. J. Bryol. 16: 245–260, illus.
- STONE, I.G. 1990. *Nomenclatural changes and a new moss record in Australia: including a description of the protonema of Calomnion*. J. Bryol. 16: 261–273, illus.
- STREIMANN, H. 1991. *New hepatic records from New Guinea*. J. Hattori Bot. Lab. 69: 1–19. — Provincial records, 12 new for New Guinea, 3 for Papua New Guinea.
- STREIMANN, H. 1991. *Taxonomic studies on Australian Meteoraceae (Musci). 1: Introduction and the genus Papillaria*. J. Hattori Bot. Lab. 69: 203–256, illus. — Key, synonymy, descriptions, extensive notes on 6 Papillaria species.
- STREIMANN, H. 1991. *Taxonomic studies on Australian Meteoraceae (Musci). 2: The genera Aerobryopsis, Barbella, Floribundaria, Meteoriopsis, Meteobrium and Weymouthia*. J. Hattori Bot. Lab. 69: 277–312, illus. — 6 genera, 8 species; key to genera; synonymy, descriptions, extensive notes.
- TAN, B.C. 1990. *Six new Malesian mosses*. Bryologist 93: 429–437, illus. — Diphyscium, Distichophyllum, Gammiea, Hageniella, Mittenia, Papillidiopsis; new section in Distichophyllum; 1 new comb. in Gammiea.
- TAN, B.C. & H. MOHAMED. 1990. *Novelties for Peninsular Malayan moss flora*. Crypt., Bryol., Lichénol. 11: 353–362, illus. — 6 new records, 1 new species, 1 comb. nov. in Calympères, Dicranoloma, Distichophyllum, Garovaglia, Hemicodium, Isocladiella, Leucoloma, Mastopoma.

- TOUW, A. 1990. *Additional notes on Neckeropsis. 3. On the identity of Thamnium quisumbingii Veloira.* Trop. Bryol. 3: 73. — = *Neckeropsis boniana*.
- VÁNA, J. 1991. *The bryophytes of Sabah (North Borneo) with special reference to the BRYOTROP transect of Mt. Kinabalu. XII. Gymnomitriaceae (Hepaticopsida, Jungermanniales).* Willdenowia 20: 167–170. — 2 genera, 5 species; key, synonymy, diagnoses.
- VÁNA, J. 1991. *The bryophytes of Sabah (North Borneo) with special reference to the BRYOTROP transect of Mt. Kinabalu. XIII. Jungermanniaceae (Hepaticopsida, Jungermanniales).* Willdenowia 20: 171–183. — 3 genera, 16 species; keys, synonymy, diagnoses.
- VÁNA, J. 1991. *The bryophytes of Sabah (North Borneo) with special reference to the BRYOTROP transect of Mt. Kinabalu. XV. Lophoziaceae (Hepaticae).* Willdenowia 20: 199–219. — 13 genera, 23 species (3 new records); keys, synonymy, diagnoses.
- VITT, D.H. 1990. *Desmotheca (Orthotrichaceae): Gondwanan fragmentation and the origin of a Southeast Asian genus.* Trop. Bryol. 3: 79–88, illus. — 2 species, 1 new name; descriptions, key, notes.
- WATANABE, R. 1991. *Notes on the Thuidiaceae in Asia.* J. Hattori Bot. Lab. 69: 37–47, illus. — Synonymy of 16 species of *Thuidium*; 1 new genus, 1 new comb., 1 new species.
- *ZINSMEISTER, H.D. & R. MUES (Eds.). *Bryophytes, their chemistry and chemical taxonomy.* xiii, 470 pp. Oxford University Press, Oxford, etc. ISBN 0-19-857716-8. Price unknown. — Proceedings of 'Chemistry and Chemical taxonomy of Bryophytes', Saarbrücken, 1988.

PTERIDOPHYTES

- *ANDREWS, S.B. 1990. *Ferns of Queensland.* (Contributions by L. Pedley). Queensland Dept. Primary Ind. Inform. Series Q 189008, Brisbane. 427 pp, illus. — See Reviews.
- BATEMAN, R.M. 1990. *The relationship between formal and informal nomenclature and phylogeny in higher taxa: a pedant's perspective on the lycopsids.* Taxon 39: 624–629, illus. — Proposed standardization of colloquial names.
- BIDIN, A.A. 1990. *The impact of development on the fern flora in some areas in Malaysia and efforts toward conservation.* In P. Baas et al. (Eds.): 323–328.
- *BOSMAN, M.T.M. 1991. *A monograph of the fern genus Microsorum (Polypodiaceae).* Thesis, Leiden. ix, 161 pp, illus. — Revision, cladistic analysis shows great inconsistency; 20 species (3 new) in 6 genera, 9 new comb.; keys, descriptions, notes.
- DIXIT, R.D. & Y.K. KALA. 1990. *Notes on two species of fern genus Pronephrium Presl.* Bull. Bot. Surv. India. 30 ('1988'): 146–148, illus. — *P. asperum*, *P. simplex*.
- GAY, H. 1991. *Ant-houses in the fern genus Lecanopteris Reinw. (Polypodiaceae): the rhizome morphology and architecture of L. sarcopus Teijsm. & Binnend. and L. darnaedii Hennipman.* Bot. J. Linn. Soc. 106: 199–208, illus.

- HENNIPMAN, E. 1990. *The systematics of the Polypodiaceae*. In P. Baas et al. (Eds.): 105–120, illus.
- HENNIPMAN, E. 1990. *The significance of the SEM for character analysis of spores of Polypodiaceae (Filicales)*. In D. Claugher (Ed.), Scanning electron microscopy in taxonomy and functional morphology. Syst. Ass., Sp. Vol. 41: 23–44, illus.
- HENNIPMAN, E. 1990. *The systematics and phytogeography of the Malesian ant-fern genus Lecanopteris (Reinw.) Blume (Filicales, Polypodiaceae)*. Proc. Int. Symp. Syst. Pterid., Beijing 1988: 39–47, illus.
- HENNIPMAN, E., et al. 1990. *Polypodiaceae*. In K. Kubitzki (Ed.), The families and genera of vascular plants. I: 203–230.
- HOLTTUM, R.E. 1991. *New taxa in the Tectaria group (Polypodiaceae) from Malesia*. Blumea 35: 547–557. — Precursor of the grand posthumous revision in Flora Malesiana II, 2/1; 37 new taxa, 1 comb. nov., 1 stat. nov.; some keys; synonyms.
- HOLUB, J. 1991. *Some taxonomic changes within Lycopodiales*. Fol. Geobot. Phytotax. 26: 81–94. — Huperzia 3 subgenera, 6 new names for infrageneric taxa, 22 for species, Austrolycopodium genera. nov. (Malesian?), 8 new comb, Diphasium valid, 1 new comb in Diphasiastrum, 13 other comb.
- HOSHIZAKI, B.J. & M.G. PRICE. 1990. *Platycerium update*. Am. Fern J. 80: 53–69, illus. — Hennipman & Roos' (1982) classification untenable.
- HOVENKAMP, P. 1990. *The significance of rhizome morphology in the systematics of the polypodiaceous ferns (sensu stricto)*. Am. Fern J. 80: 33–43, illus.
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- KATO, M. 1990. *Taxonomic studies of pteridophytes of Ambon and Seram (Moluccas) collected by Indonesian-Japanese Botanical Expeditions. IV. Tree-fern families*. J. Fac. Sc., Univ. Tokyo, III, 14: 369–384, illus. — Calochlaena (1 species), Cyathea (21, 8 new), Cybotium (2), Cystodium (1), Dicksonia (1).
- KATO, M., et al. 1991. *Fern rheophytes of Borneo*. J. Fac. Sc. Univ. Tokyo III, 15: 91–110, illus. — Not less than 43 species (4 new)!
- KATO, M. & K.U. KRAMER. 1990. *Taxonomic studies of Pteridophytes of Ambon and Seram (Moluccas) collected by Indonesian-Japanese Botanical Expeditions. VI. Pteridaceae*. Acta Phytotax. Geobot. 41: 155–168, illus. — Acrostichum (1 species), Pteris (23, 3 new, 1 new subspecies, 1 new comb.); key, distribution, brief notes.
- KATO, M. & M.G. PRICE. 1990. *Taxonomic studies of Pteridophytes of Ambon and Seram (Moluccas) collected by Indonesian-Japanese Botanical Expeditions. V. Dipteridaceae and Polypodiaceae*. Acta Phytotax. Geobot. 41: 61–76, illus. — Keys to 13 genera, 41 species, 1 new comb. in Selliguea; no descriptions; synonymy, distributions.
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- MATSUMOTO, S. & T. NAKAIKE. 1990. *Cytological observations of some ferns in Nepal (1). On the related taxa in Japan.* In M. Watanabe & S.B. Malla (Eds.), *Cryptogams of the Himalayas 2:* 163–178, illus. — Also some Malaysian species.
- *NAKAIKE, T., et al. 1991. *A bibliography of Pteridophytes by Japanese fernists for 1990.* iv, 28 pp. — Most references in Japanese.
- PANDE, P.C. & H.C. PANDE. 1989. *Cyrtomium hookerianum (Presl) C. Chr. (Aspidiaceae) – a new record for Western Himalayas.* J. Bomb. Nat. Hist. Soc. 86: 479. — Kumaun.
- PARRIS, B.S. & P.J. EDWARDS. 1987. *A provisional checklist of ferns and fern allies in Taman Negara, Peninsular Malaysia.* Mal. Nat. 41/2: 5–10. — List of 88 genera, 246 species.
- PRICE, M.G. 1990. *Four new Asian Loxogramme.* Am. Fern J. 80: 4–8, illus. — 1 from Sabah.
- PRICE, M.G. 1990. *Philippine fern notes.* Contr. Univ. Mich. Herb. 17: 267–278, illus. — New species, comb., range extensions, synonymy; Adiantum, Arthropteris, Asplenium, Cephalomanes, Cyclopteltis, Cyrtomium, Davallia, Diplaziopsis, Diplazium, Dryopteris, Grammitis, Leucostegia, Microsorium, Monogramma, Prosaptia, Pteris, Selliguea, Sphaerostephanos, Vittaria.
- RÖDL-LINDER, G. 1990. *A study of Asian goniophlebioid Polypodiaceae.* In Proc. Int. Symp. Syst. Pterid., Beijing 1988: 69–72, illus.
- SALGADO, A.E. 1990. *A checklist of Philippine ferns.* Philip. J. Sc. 119: 107–148. — 31 families, 151 genera, 958 species.
- STERGIANOU, K.K. & K. FOWLER. 1990. *Chromosome numbers and taxonomic implications in the fern genus Azolla (Azollaceae).* Pl. Syst. & Evol. 173: 223–239, illus.
- UFFELEN, G.A. VAN. 1990. *Sporogenesis in Polypodiaceae (Filicales). I. Drynaria sparsisora (Desv.) Moore.* Blumea 35: 177–215, illus.

SPERMATOPHYTES AND GENERAL

- ADAM, J.H. & C.C. WILCOCK. 1989. *A new Nepenthes from Gunong Besar, Kalimantan Selatan, Borneo.* Gard. Bull., Singapore 42: 25–28, illus. — (Nepenthaceae).
- ADAM, J.H. & C.C. WILCOCK. 1990. *A new Nepenthes from Mount Ilas Mapulu in Borneo.* Blumea 35: 265–267, illus. — (Nepenthaceae).
- *ADEMA, F.A.C.B. 1991. *Cupaniopsis Radlk. (Sapindaceae): a monograph.* Leiden Bot. Ser. 15: 1–190, illus. — 60 species (20 new), 2 varieties (1); keys, palynology, leaf anatomy, cladistics, biogeography; synonymy, descriptions; identification list.
- AGUILAR, N.O. & I.E. BUOT JR. 1990. *Morpho/anatomy of the flower of Ochromsia oppositifolia (Lam.) K. Schum. (Apocynaceae).* Philip. Agric. 71: 57–64 (n.v.).
- ALEXANDER, I.J. 1989. *Systematics and ecology of ectomycorrhizal legumes.* In C.H. Stirton & S.L. Zarucchi: 607–624, illus. — (Leguminosae).

- *ALI, S.I. & Y.J. NASIR. 1990. *Boraginaceae*. Fl. Pakistan 191: 200 pp, illus. — 32 genera, 135 species.
- *ALI, S.I. & Y.J. NASIR. 1990. *Labiatae*. Fl. Pakistan 192: 310 pp, illus. — 60 genera.
- ALI, S.J. & E. ROBBRECHT. 1991. *Remarks on the tropical Asian and Australian taxa included in Diplospora or Tricalysia (Rubiaceae – Ixoroideae – Gardenieae)*. Blumea 35: 279–305, illus. — Artificial assemblage belonging to various tribes; core to *Discospermum*, others to *Tarenna*; 8 comb. nov.; synonymy.
- ANDERBERG, A.A. 1991. *Taxonomy and phylogeny of the tribe Gnaphalieae (Asteraceae)*. Opera Bot. 104: 1–195, illus. — Generic revision; cladistics; key; synonymy; 2 new subtribes, 6 new genera, 166 new comb, also for Malesian species, e.g. *Gnaphalium* to *Euchiton*, 4 new names.
- ANDERBERG, A.A. 1991. *Taxonomy and phylogeny of the tribe Inuleae (Asteraceae)*. Pl. Syst. & Evol. 176: 75–123, illus. — 1 new genus, 21 new comb.; cladistics; key; synonymy, descriptions, notes; Blumea very heterogeneous.
- ANDERBERG, A.A. 1991. *Taxonomy and phylogeny of the tribe Plucheeae (Asteraceae)*. Pl. Syst. Evol. 176: 145–177, illus. — Cladistic analysis; 4 major monophyletic subgroups; 24 genera; generic descriptions; 2 new comb.
- ANDERSON, W.R. 1990. *The origin of the Malpighiaceae – the evidence from morphology*. Mem. N.Y. Bot. Gard. 64: 210–224, illus. — New World, not Gondwana.
- ARDITTI, J. 1989. *Kwan Koriba: botanist and soldier*. Gard. Bull., Singapore 42: 1–17, illus. — Biography; war-time Director of Singapore Botanic Gardens; *Spiranthes sinensis* (Orchidaceae); observations on flower position, full synonymy.
- ARMSTRONG, J.E. & A.K. IRVINE. 1990. *Functions of staminodia in the beetle-pollinated flowers of Eupomatia laurina*. Biotropica 22: 429–431. — (Eupomatiaceae).
- ASAI, Y. & T. KOYAMA. 1990. *Cyperus tenuissimus*, a new naturalized weed on north-eastern Honshu, Japan. J. Jap. Bot. 65: 279–282, illus. (In Japanese, Engl. summ.).
- AUSTIN, D.F. 1991. *Ipomoea littoralis (Convolvulaceae) – taxonomy, distribution, and ethnobotany*. Econ. Bot. 45: 251–256, illus. — Correct name for *I. gracilis* auct., non R. Br. (Brown's is an Australian endemic).
- *AVÉ, W. & S. SUNITO. 1990. *Medicinal plants of Siberut*. 186 pp, illus. Report, Gland. Price unknown. — Brief outline of area, culture, medical system, phytochemical analysis, discussion of conservation plans, logging, examples of mismanagement (forced resettlement and cultivation of rice, *Pogostemon cablin*, introduction of water buffalo, the fish *Oreochromis*), species list with vernacular.
- BAAS, P. 1991. Professor Kalkman retires. Blumea 35: 277–278, illus. — Brief biography and portrait of the previous Professor-Director of the Rijksherbarium.
- *BAAS, P., C. KALKMAN & R. GEESINK (Eds.). 1990. *The plant diversity of Malesia*. 420 pp, illus. Kluwer Academic Publishers. ISBN 0-7923-0883-2. Price Hfl. 125.00. — Proceedings of the Flora Malesiana Symposium commemorating Professor Dr. C.G.G.J. van Steenis, Leiden, August 1989.

- BAAIJENS, G.J. & J.F. VELDKAMP. 1991. *Sporobolus (Gramineae) in Malesia*. Blumea 35: 393–458, illus. — 4 sections (3 new, also 1 extra-Malesian), 10 species (2), *S. indicus* with 5 varieties. (1 new, 3 stat. nov., and some extra-Malesian reductions); *Thysanolaena maxima* = *T. latifolia*; key, synonymy, descriptions, notes; collector's index.
- BALTISBERGER, M. 1990. *Chromosome numbers of some plants from Papua New Guinea*. Bot. Helv. 100: 97–100, illus. — Weedy species of *Desmodium*, *Euphorbia*, *Bidens*, *Crassocephalum*, *Tridax*.
- BARKER, W.R. 1990. *New taxa, names and combinations in Lindernia, Peplidium, Stemodia and Striga (Scrophulariaceae) mainly of the Kimberley Region, Western Australia*. J. Adelaide Bot. Gard. 13: 79–93, illus. — 1 new subgenus in *Lindernia*, also Malesian.
- BARLOW, B.A. 1990. *Biogeographical relationships of Australia and Malesia: Loranthaceae as a model*. In P. Baas et al. (Eds.): 273–292, illus.
- *BASTIN, J. 1990. *The natural history researches of Dr. Thomas Horsfield (1773–1859), first American naturalist of Indonesia*. Oxford University Press: 97 pp, illus. — Only 50 copies printed and bound for author. Detailed well-documented study of life, travels, collections, bibliography. A Horsfield introduction to the facsimile reprint of his Zoological Researches. The frustration with regard to the procrastination by Robert Brown on the publication of 50 out of over 2000 plant species after a long lapse of time is extensively disclosed; with publication dates. Many of his botanical discoveries were in this way pre-empted by C.L. Blume. — M.J. van Steenis-Kruseman.
- BEAMAN, J.H. & R.S. BEAMAN. 1990. *Diversity and distribution patterns in the flora of Mount Kinabalu*. In P. Baas et al. (Eds.): 147–160, illus.
- BECKETT, K.A. & R.M. POLHILL. 1991. *Parochetus africanus*. Kew Mag. 8: 54–58. — Very similar to *P. communis*; (Leguminosae).
- BELO-CORREIA, A.L. & M.F. COSTA. 1989. *Setaria verticillata* (L.) P. Beauv. e *Setaria adhaerens* (Forssk.) Chiov. — I. Bol. Soc. Brot. II, 62: 289–290. (In Portuguese). — 2 new comb.
- BERG, C.C. 1990. *Differentiation of flowers and inflorescences of Urticales in relation to their protection against breeding insects and to pollination*. Sommerfeltia 11: 13–34, illus.
- BHAKAT, R.K. 1990. *Taxonomic notes on the status of monotypic genus Pubistylus Thoth. (Rubiaceae)*. J. Econ. Tax. Bot. 14: 215–216. — *Pubistylus* perhaps better reinstated.
- BISBY, F.A. 1989. *Databases, information systems, and legume research*. In C.H. Stirton & S.L. Zarucchi: 811–825, illus. — International Legume Database & Information Service (ILDIS); (Leguminosae).
- BITTRICH, V. 1990. *Systematic studies in Aizoaceae*. Mitt. Inst. Allg. Bot. Hamburg 23b: 491–507, illus. — Cladistic analysis.
- *BLANC, P. 1989. *Biologie des plantes des sous-bois tropicaux*. Thèse, Univ. Pierre & Marie Curie, Paris. Xeroxed msc. 395+ pp, illus. Copy in L. (In French, brief Engl. summ.). — A study of the biology of vascular plants (usually up to 3 m high) of the undergrowth in tropical (rain) forests, with some thoughts on the origin of the Angiosperms, dicots and monocots.

- BOER, L. DE. 1990. *Op zoek naar Paphiopedilum lowii op Noord-Sumatra*. Orchideën 52: 90–92, 94, illus. (In Dutch). — Popular account (Orchidaceae).
- BRIEGER, F.G., et al. 1991. *Die Orchideen, I, 24*: 1457–1520, illus. — Bromhaedia, p.p. to Cymbidium, p.p.; (Orchidaceae).
- BUOT JR., I.E., et al. 1990. *An enumeration of the flowering plants of Cabra Islet, Lubang Island, Occidental Mindoro, Philippines*. Philip. J. Sc. 119: 49–62, illus. — 308 species.
- BURBIDGE, F.W. 1989. *The gardens of the sun: a naturalist's journal of Borneo and the Sulu Archipelago*. Oxford University Press, Ubi Ave. 4, Singapore - 1440. xii, xviii, i, 364 pp, illus. ISBN 0-19-588930-4, Sing\$ 65.00. — Reprint of the 1880 edition; introduction by F.S.P. Ng.
- BURTON, C.M. 1986. *Making it valid*. Hoyan 8 (1): 15. — *Hoya obscura* Elm. validated (Asclepiadaceae).
- BURTON, C.M. 1987. (No title). Hoyan 8 (4:2): a–b. — *Hoya angustisepala* Schltr. ex Burton as validating name for *H. mindanaensis* Elm., nom. inval.; *H. cagayanensis* Schltr. ex Burton described. (Asclepiadaceae).
- BURTON, C.M. 1988. (No title). Hoyan 9 (4:2): i–ii. — Validation of *H. ciliata* Elm., *H. philippinensis* P.T. Li being invalid also; *H. tsangii* for *H. angustifolia* Elm., nom. inval. (Asclepiadaceae).
- BURTON, C.M. 1988. (No title). Hoyan 10 (1:2): i. — *Hoya leytensis* Elm. validated (Asclepiadaceae).
- BURTON, C.M. 1990. (No title). Hoyan 12 (2:2): i — *Hoya meredithii* = *H. vitellinoides* (Asclepiadaceae).
- BURTON, C.M. 1990. *Hoya edanoi*. Hoyan 12 (2:2): i, illus. — Invalid, no holotype (Asclepiadaceae).
- BURTON, C.M. 1990. *Hoya compacta* C.M. Burton nom. nov. Hoyan 12 (2:2): ii, illus. — For *Hoya carnosa* var. *compacta* Hort. (Asclepiadaceae).
- BURTON, C.M. 1991. (No title). Hoyan 12 (3:2): iii–iv, illus. — Various notes; synonymy of *Hoya odorata*; *H. latifolia* subsp. *kinabaluensis*; *H. kentiana* sp. nov. (Asclepiadaceae).
- BURTON, C.M. 1991. (No title). Hoyan 12 (4:2): 98. — 1 comb. nov.; *Hoya odorata* synonymy. (Asclepiadaceae).
- BURTT, B.L. 1990. *Gesneriaceae of the Old World. I.: New and little-known species of Cyrtandra from Malesia*. Edinburgh J. Bot. 47: 201–233, illus. — Lectotypification of 3 sections, 1 new name, 2 new ranks, 11 new species, notes on 6 others.
- BURTT, B.L. 1990. *Gesneriaceae of the Old World. II.: A new Didymocarpus from Sumatra*. Edinburgh J. Bot. 47: 235–237, illus.
- BUSH, M.B. & R.J. WHITTAKER. 1991. *Krakatau: colonization patterns and hierarchies*. J. Biogeogr. 18: 341–356, illus. — Maturity not yet reached, numbers of species increase.

- CANTINO, P.D. 1990. *The phylogenetic significance of stomata and trichomes in the Labiateae and Verbenaceae*. J. Arn. Arb. 71: 323–370, illus. — Little value above species level.
- CAROLIN, R. 1990. *Nomenclatural notes and new taxa in the genus Goodenia (Goodeniaceae)*. Telopea 3: 517–570. — Survey of accepted taxa, 43 new, many new combinations.
- CAROLIN, R. 1990. *Nomenclatural notes, new taxa and the systematic arrangement in the genus Scaevola (Goodeniaceae) including synonyms*. Telopea 3: 477–515, illus. — Cladistic analysis; synopsis all taxa, 14 new; lectotypifications.
- CHAKRABARTY, T. & M. GANGOPADHYAY. 1989. *New and noteworthy Glochidion J.R. & G. Forst. (Euphorbiaceae) from Burma*. J. Econ. Tax. Bot. 13: 709–717, illus. — New records, 3 new taxa.
- CHAKRABARTY, T. & M. GANGOPADHYAY. 1989. *On Macaranga denticulata and M. pustulata (Euphorbiaceae)*. J. Econ. Tax. Bot. 13: 597–598. — *M. denticulata* var. *pustulata*.
- CHAKRABARTY, T. & M. GANGOPADHYAY. 1990. *The Celastraceae of Andaman-Nicobar Islands*. J. Econ. Tax. Bot. 14: 115–129, illus. — Hippocratea, Salacia, Siphonodon included; 3 new species; keys; descriptions.
- CHAKRABARTY, T. & M. GANGOPADHYAY. 1990. *Notes on some Asiatic Euphorbiaceae – III*. J. Econ. Tax. Bot. 14: 181–184. — Excoecaria, Sapium.
- CHAKRABARTY, T. & M.K.V. RAO. 1990. *A note on Glochidion calocarpum (Euphorbiaceae)*. Econ. Bot. 44: 412–413, illus. — Description, synonymy, uses.
- CHANG, C. 1990. *Diapensiaceae*. Fl. Reipubl. Pop. Sin. 56: 109–119, illus. (In Chinese).
- CHATTOPADHYAY, D. & A.K. SHARMA. 1991. *Sex determination in dioecious species of plants*. Feddes Repert. 102: 29–55, illus.
- CHEEK, M. 1990. *Systematic seed anatomy of the Turraeeae (Meliaceae); taxonomic and ecological aspects*. Mitt. Inst. Allg. Bot. Hamburg 23b: 683–706, illus. — Limited value.
- CHEN, C.-J. 1990. *The identity of Sphaerotylos C.J. Chen (Urticaceae) with an amended description of the genus Sarcochlamys Gaudich.* Acta Phytotax. Sin. 28: 467–470.
- CHEN, S. (Ed.) 1990. *Gramineae (Poaceae) (4) Subfam. Eragrostoideae, Panicoideae*. Fl. Reipubl. Pop. Sin. 10/1: xvi, 445, illus. (In Chinese). — Important work for this large family; indications where Keng's many invalidly published names may have been validated; some new combinations!
- CHEN, S.-L. 1991. *A systematic and evolutionary study of Zizania L. (Gramineae). – Gross morphology*. Bull. Bot. Res. 11/2: 59–73, illus. (In Chinese, Engl. summ.).
- CHEN, S.-L. & P. SU. 1991. *A systematic and evolutionary study of Zizania L. (Gramineae). – Pollen morphology*. Acta Phytotax. Sin. 29: 52–59, illus. (In Chinese, Engl. summ.).
- CHOU, Y. & R. ZHOU. 1990. *Pyrolaceae*. Fl. Reipubl. Pop. Sin. 56: 157–216, illus. (In Chinese).
- CHUPOV, V.S. 1990. *Notes on phylogenetic connections in some monocotyledonous groups*. Bot. Dzj. 75: 1092–1102, illus. (In Russian).

- CLEMENTS, M.A. 1989. *Catalogue of Australian Orchidaceae*. Austr. Orch. Res. 1: 1–160, illus. — Synonymy, literature, notes; 1 new *Dendrobium* from Tanimbar in Addendum.
- CLEMENTS, M.A. 1990. *The biogeography of Dendrobiinae (Orchidaceae)*. Austr. Syst. Bot. Soc. Newsl. 64: 4–5. — Abstract: *Dendrobium* and *Eria* polyphyletic consisting of perhaps 60 taxa.
- *COLLINS, N.M., J.A. SAYER & T.C. WHITMORE. 1991. *The conservation atlas of tropical forests: Asia and the Pacific*. 256 pp, illus. Macmillan, Basingstoke. ISBN 0-333-53992-3. UK£ 65.00. — See Reviews.
- COLLINSON, M.E. 1990. *Plant evolution and ecology during the early Cainozoic diversification*. Adv. Bot. Res. 17: 1–98, illus.
- COODE, M.J.E. 1990. *Progress in Elaeocarpaceae*. In P. Baas et al. (Eds.): 57–61, illus.
- COOK, C.D.K. 1989. *Seed dispersal of Nymphaoides peltata (S.G. Gmelin) O. Kuntze (Menyanthaceae)*. In K. Tan, Davis & Hedge Festschrift: 325–340, illus.
- COOK, C.D.K. 1989. *Taxonomic revision of Monochoria (Pontederiaceae)*. In K. Tan, Davis & Hedge Festschrift: 149–184, illus. — 8 species, 3 Malesian, keys, descriptions.
- *COOK, C.D.K. 1990. *Aquatic plant book*. 228 pp, illus. SPB Academic Publishing B.V., POB 97747, 2509 GC The Hague, The Netherlands. ISBN 90-5103-043-6. Price unknown. — Successor to 'Water plants of the world' (1974); keys, descriptions, many figures; sea-plants included.
- COOTES, J. 1989. *Phalaenopsis species of the Philippines*. Austr. Orch. Rev. 54: 6–7 (n. v.).
- CORLETT, R.T. & P.W. LUCAS. 1989. *Consumption of Campnospermum auriculatum fruits by vertebrates in Singapore*. Mal. Nat. J. 42: 273–276.
- COX, P.A. 1990. *Pollination and the evolution of breeding systems in Pandanaceae*. Ann. Missouri Bot. Gard. 77: 816–840, illus. — Cladistic analysis; vertebral pollination and dioecism ancestral.
- CRAVEN, L.A. 1990. *One new species each in Acmena and Eucalyptopsis and a new name in Lindsayomyrtus (all Myrtaceae)*. Austr. Syst. Bot. 3: 727–732, illus. — All from New Guinea.
- CRIBB, P.J. 1990. *Dendrobium alexandrae*. Kew Mag. 7: 117–120, illus. — History, cultivation, description (Orchidaceae).
- CRIBB, P.J. 1990. *Die Gattung Dendrobium in Neu-Guinea, Australien und den Pazifischen Inseln*. Orchidee 41: 169–176, illus. (In German, Engl. summ.). — Dispersal mechanisms; (Orchidaceae).
- CRIBB, P.J. 1991. *Zwei neue Orchideen aus dem Hochland von Papua-Neuguinea: Dendrobium magistratus und Dendrobium hamiferum*. Orchidee 42: 28–32, illus. — Translation of Cribb, Orchadian 6 (1981) 274–276, but here with coloured plates (Orchidaceae).
- CRIBB, P.J., et al. 1991. *The genus Diplocaulobium (Reichb.f.) Kränzlin (Orchidaceae) in the Solomon Islands and Bougainville*. Lindleyana 6: 27–35, illus. — 7 species, 3 new; key, descriptions.

- CRIBB, P.J. & S. ROBBINS. 1990. *The New Guinea orchid collections of Rudolf Schlechter in Herbarium Bogoriense*. Lindleyana 5: 244–248. — 443 collections listed.
- CRUTTWELL, N.E.G. 1990. *Orchids of Mount Gahavisuka – part 4: the terrestrials*. Orchadian 9: 245–250, illus. — (Orchidaceae).
- CRUTTWELL, N.(E.G.) 1990. *Alpines of Papua New Guinea*. Quart. Bull. Alp. Gard. Soc. 58: 243–246, illus.
- CUERRIER, A., et al. 1991. *Analyse taxonumérique des caractères foliaires des Begoniaceae*. Bull. Mus. Natl. Hist. Nat. Paris IV, 12, B, Adansonia: 337–353, illus. (In French, Engl. summ.). — 132, taxa, 60 characters; groupings seem unnatural.
- *DASSANAYAKE, M.D. (Ed.). 1991. *A revised handbook of the flora of Ceylon* 7. xi, 439 pp, illus. ISBN 90-6191-511-1. Price unknown. — Basellaceae (N. A. Harriman), Boraginaceae (J.W. Nowicke & J.S. Miller), Fabaceae-Caesalpinioideae, Faboideae (both by V.E. Rudd), Phaseoleae (R.H. Maxwell), Flagellariaceae, Hydrophyllaceae, Juncaceae, Leeaceae, Malpighiaceae, Salvadoraceae, Tamaricaceae (all by N. A. Harriman), Tiliaceae (A. Robyns & W. Meijer), Vahliaeae (N. A. Harriman).
- DAVISON, G.W.H. 1990. *The Malayan Nature Society Rompin-Endau Expedition: 1989*. Mal. Nat. J. 43: 212–219, illus.
- DEB, D.B. & S.K. BASU. 1990. *Changes in the status of two species of the genus Argostemma (Rubiaceae)*. J. Bomb. Nat. Hist. Soc. 87: 332. — A. anupama, A. tavoyanum = A. courtallense.
- DEB, D.B. & R. DUTTA. 1990. *On the genus Neanotis Lewis (Rubiaceae) in India*. J. Bomb. Nat. Hist. Soc. 87: 332–333. — 2 new comb.; synonymy of Spermacoce latifolia.
- DEB, D.B. & R.C. ROUT. 1991. *Jainia, a new synonym of Coptophyllum (Rubiaceae)*. Taxon 40: 324–325. — 1 comb. nov.
- DECRAENE, L.P. RONSE & E. SMETS. 1991. *The floral nectaries of Polygonum s.l. and related genera (Persicarieae and Polygoneae): position, morphological nature and semaphlyesis*. Flora 185: 165–185, illus.
- DESHPANDE, U.R. 1990. *The genus Heteropogon in India*. Bull. Bot. Surv. India. 30 ('1988'): 120–125, illus. — 5 species, 2 Malesian, 1 comb. nov.; key, synonymy, descriptions.
- DEVI, D.R. & L.L. NARAYANA. 1990. *Systematic position of Averrhoa (Oxalidaceae)*. Feddes Repert. 101: 165–170, illus. — Phytochemical analysis does not support Averrhoaceae.
- DICKISON, W.C. & R. RUTISHAUSER. 1990. *Developmental morphology of stipules and systematics of the Cunoniaceae and presumed allies. II. Taxa without interpetiolar stipules and conclusions*. Bot. Helv. 100: 75–95, illus.
- DRANSFIELD, J. 1990. *Outstanding problems in Malesian palms*. In P. Baas et al. (Eds.): 17–25, illus. — (Palmae).
- DRANSFIELD, J. 1990. *Pinanga yassinii (Palmae: Arecoideae: Areceae), a Bornean palm new to science*. For. Dept. Occ. Pap., Brunei 2: (7), illus.

- DRANSFIELD, J., et al. 1990. *The coryphoid palms: patterns of variation and evolution.* Ann. Missouri Bot. Gard. 77: 802–815, illus. — Many plesiomorphic monocotyledonous characters; possibly already present before early Cretaceous.
- DRESSLER, R.L. 1990. *The Neottieae in orchid classification.* Lindleyana 5: 102–109, illus. — (Orchidaceae).
- DRESSLER, R.L. 1990. *The Spiranthoideae: grade or subfamily?* Lindleyana 5: 110–116, illus. — (Orchidaceae).
- DUFFELS, J.P. & A.J. DE BOER. 1990. *Areas of endemism and composite areas in East Malesia.* In P. Baas et al. (Eds.): 249–272, illus.
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- DUTT, C.B.S., et al. 1987. *Chemosystematic investigations on tribe Hedysareae B. and H. (Fabaceae).* Acta Bot. Ind. 15: 266–269, illus. — Recognition of Aeschynomeneae, Desmodieae, Euhedysareae, Stylosantheae as tribes supported.
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- ELLIS, R.P. 1990. *Tannin-like substances in grass leaves.* Mem. Bot. Surv. S. Africa 59: vi, 80 pp, illus. — Survey of considerable taxonomic potency for relationships in the family; possible defense mechanism against browsing with management implications; (Gramineae).
- ELLISON, J.C. 1991. *The Pacific palaeogeography of Rhizophora mangle L. (Rhizophoraceae).* Bot. J. Linn. Soc. 105: 271–284, illus. — Original occurrence of the otherwise American Rh. mangle in the S.W. Pacific; subsidence of the Pacific plate may explain other amphi-pacific distributions?
- ENDO, Y. & H. OHASHI. 1990. *New distinctions between Alysicarpus vaginalis and A. ovalifolius (Leguminosae).* Nat. Hist. Res. 1: 43–48, illus.
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- ENGLER, A. 1990. *Comparative studies on the morphology of the Araceae. Part II. On leaf placement and shoot organization of Araceae.* (T.S. Ray & S.S. Renner, Eds.), Englera 12: 1–140, illus. — Corrected translation of Engler's famous paper of 1876.

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- ERIKSSON, T. 1991. *The systematic position of the Blepharispermum group (Asteraceae, Heliantheae)*. Taxon 40: 33–39, illus. — Athroisma, Blepharispermum, Leucoblepharis from Inuleae to Ecliptinae.
- ESEN, A. & K.W. HILU. 1991. *Electrophoretic and immunological studies of prolamins in the Poaceae: II. Phylogenetic affinities of the Aristideae*. Taxon 40: 5–17, illus. — Aristida isolated and distinct as a monotypic (?) tribe, Stipagrostis showed high taxonomic affinity with Chloridoideae, Sartidia not studied.
- FADEN, R.B. 1991. *The morphology and taxonomy of Aneilema R. Brown (Commelinaceae)*. Smithson. Contr. Bot. 76: vi, 166 pp, illus. — 7 sect, 62 species, 14 new taxa; morphology, keys, descriptions.
- FADEN, R.B. & D.R. HUNT. 1991. *The classification of the Commelinaceae*. Taxon 40: 19–31. — 2 subfamilies, 4 tribes, 7 new subtribes in Tradescantieae; key.
- FAN, G.-S. 1991. *A new record genus of Styracaceae in China*. Bruinsma Boerl. & Koord. Bull. Bot. Res. 11/1: 65–67, illus. (In Chinese).
- *FARJON, A. 1990. *A bibliography of conifers*. Regn. Veg. 122: 1–129. — By author, some subjects, scientific names.
- *FARJON, A. 1990. *Pinaceae*. Regn. Veg. 121: vii, 330, illus. Koeltz Scientific Books, Königstein. ISBN 3-87429-298-3, 3-878762-04-4. Price unknown. — Drawings and descriptions of the genera Abies, Cathaya, Cedrus, Keteleeria, Larix, Nothotsuga, Picea, Pseudolarix, Pseudotsuga, and Tsuga; keys, descriptions, ecology, distribution; magnificent work.
- FERNANDO, E.S. 1990. *The genus Heterospathe (Palmae: Arecoideae) in the Philippines*. Kew Bull. 45: 219–234, illus. — 11 species, 4 new, 1 new comb.; key, synonymy, distribution, notes.
- FERNANDO, E.S. 1990. *Diversity and conservation status of the Philippine rattans*. RIC Bull. 9/2: 7–11, 14, illus. — 66 taxa, 71% endemic; checklist; (Palmae).
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- FORSTER, P.I. 1990. *Notes on Asclepiadaceae*, 2. *Austrobaileya* 3: 273–289, illus. — Cryptolepis recircumscribed, key to 2 new species in New Guinea; Marsdenia, Tylophora in New Guinea; Spathidolepis to Dischidia.
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- GANGOPADHYAY, M. & T. CHAKRABARTY. 1989. *Notes on Asiatic Combretaceae*. *J. Econ. Tax. Bot.* 13: 685–689, illus. — E.g. 1 from Perak.
- GANGOPADHYAY, M. & T. CHAKRABARTY. 1989. *New and noteworthy Asiatic Rubiaceae*. *J. Econ. Tax. Bot.* 13: 85–88, illus. — Canthium, Diplospora.
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- GRAYUM, M.H. 1990. *Evolution and phylogeny of the Araceae*. Ann. Missouri Bot. Gard. 77: 628–697, illus. — New classification; *Acorus* excluded.
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- HAM, R.W.J.M. VAN DER. 1990. *Nephelieae pollen (Sapindaceae): form, function, and evolution*. Leiden Bot. Ser. 13: 1–255, illus. — Thesis; pollen not very characteristic, 4 types not corroborated by macromorphological classifications.
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- HAY, A. & R. WISE. 1991. *The genus Alocasia (Araceae) in Australasia*. Blumea 35: 499–545, illus. — 13 species, 5 new; Xenophya reduced, 2 new comb.; informal infra-generic taxa; key, synonym, descriptions, notes; records cited under taxa.
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- HEATWOLE, H. 1991. *Factors affecting the number of species of plants on islands of the Great Barrier Reef, Australia*. J. Biogeogr. 18: 213–221, illus. — Survey of 82 cays, 10 islands, also in Torres Straits; 603 species of vascular plants; species richness in islands dependent on area size, for cays on insular height; weak effect of distance; ‘small island’ effect absent.
- HEISER, C.B. 1989. *Artificial hybrids in Solanum sect. Lasiocarpa*. Syst. Bot. 14: 3–6, illus. — (Solanaceae).
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- HILL, R.S. 1991. *Tertiary Nothofagus (Fagaceae) macrofossils from Tasmania and Antarctica and their bearing on the evolution of the genus.* Bot. J. Linn. Soc. 105: 73–112, illus. — Evolution complete by Oligocene; changing distribution of subgenera during Tertiary in Australia due to temperature changes and catastrophic disturbances.
- HILL, R.S. & J. READ. 1991. *A revised infrageneric classification of Nothofagus (Fagaceae).* Bot. J. Linn. Soc. 105: 37–72, illus. — 4 subgenera, 2 sections, reflecting palynological classification based on cupule and cuticle morphology, leaf architecture; evergreen habit is parallelism.
- HILU, K.W. & J.L. JOHNSON. 1991. *Chloroplast DNA reassocation and grass phylogeny.* Pl. Syst. Evol. 176: 21–31, illus.
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- * HOLMGREN, P.K., et al. (Eds.). 1990. *Index herbariorum. Part I: The herbaria of the world.* Ed. 8. Regn. Veg. 120: x, 693 pp. IAPT, New York Botanical Garden. ISBN 0-89327-358-9. — See Reviews.
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- HUANG, S.-F. & T.-C. HUANG. 1990. *Notes on the flora of Taiwan (8) – Oxalis acetocella and its allies.* Taiwania 35: 7–11, illus. — 4 taxa (Oxalidaceae).
- HUANG, T.-C., et al. 1990. *Notes on the flora of Taiwan (7) – Three new legumes.* Taiwania 35: 1–6, illus. — Eriosema chinense; keys to Ormosia, Clitoria (Leguminosae).

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- HWANG, Y.H. 1991. *The Casuarinaceae: a few problematic fossil records*. Austr. Syst. Bot. Soc. Newslet. 66: 15. — Status of Allocasuarina.
- HYMOWITZ, T. & R.J. SINGH. 1990. *Long-distance dispersal: the case for the allopolyploid Glycine tabacina (Labill.) Benth. and G. tomentella Hayata in the West-Central Pacific*. Micronesica 23: 5–13, illus. — Probably carried by migratory birds (Leguminosae).
- ILJINSKAYA, I.A. 1990. *On the taxonomy and phylogeny of the Juglandaceae family*. Bot. Dzj. 75: 792–803, illus. (In Russian, Engl. summ.). — 3 subfamilies (1 new: Engelhardioideae).
- INAMDAR, J.A., et al. 1990. *Studies on the cystoliths of Acanthaceae*. Feddes Report. 101: 417–424, illus. — Presence, but not type a taxonomic tool.
- JAAG, O. 1990. *Alor 1938 – Ein Reisebericht von Indonesien. Botanische Exkursion im südlichen malaiischen Archipel*. Meier Verlag, 8200 Schaffhausen. ISBN 3-85801-066-9. Price unknown. — Posthumous publication by his wife, E. Jaag-Schenk.
- JAGTAP, T.G. 1991. *Distribution of seagrasses along the Indian coast*. Aq. Bot. 40: 379–386, illus. — Incl. Andaman & Nicobar Isl.
- JARZEN, D.M. & M.E. DETTMANN. 1989. *Taxonomic revision of Tricolpites reticulatus Cookson ex Couper, 1953, with notes on the biogeography of Gunnera L.* Pollen & Spores 31: 97–112, illus. — (Gunneraceae).
- JEBB, M. 1991. *An account of Nepenthes in New Guinea*. Sc. N.G. 17: 7–54, illus. — 11 species, 1 undescribed; key, synonymy for NG, descriptions, notes; coll. index; (Nepenthaceae).
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- JIN, Y.X., et al. 1990. *Leaf epidermis observation on genus Arthraxon (Gramineae) from China and its taxonomical significance*. Guihaia 10: 115–120, illus. (In Chinese, Engl summ.). — 2 subgenera, 5 sections suggested.
- JOHNS, R.J. 1990. *The illusionary concept of the climax*. In P. Baas et al. (Eds.): 133–146, illus.
- JOHNSON, R.W. 1991. *HERBRECS – the Queensland Herbarium records system – its development and use*. Taxon 40: 285–300, illus. — A good example of the uses of a computerized herbarium.
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- KEELEY, S.C. & B.L. TURNER. 1990. *A preliminary cladistic analysis of the genus Vernonia (Vernonieae: Asteraceae)*. Pl. Syst. Evol., Suppl. 4: 45–66, illus.
- KENG, H. 1989. *The genus Camellia (Theaceae) in Malesia. Flora Malesiana Pre-cursors – LVIII, Part Three*. Gard. Bull., Singapore 42: 65–69, illus. — 1 species.
- *KENG, H. 1990. *The concise flora of Singapore. Gymnosperms and dicotyledons*. Singapore Univ. Press, xxiii, 222 [116] pp, illus. — See Reviews.
- KENT, D.H. 1989. *Hoya acuta/Hoya parasitica*. Hoyan 11 (2): i. — Hoya acuta var. citrina for H. parasitica var. citrina. (Asclepiadaceae).
- KIEW, R. 1988. *Portrait of threatened plants. No. 16. Johannesteijsmannia lanceolata J. Dransfield. Palmae*. Mal. Nat. 42/1: 14–15, illus.
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- KIEW, R. 1989. *Didymocarpus (Gesneriaceae) on Gunung Tahan, Malaysia*. Gard. Bull., Singapore 42: 47–64, illus. — Checklist 20 species, 3 new, 1 comb. nov., 1 nom. nov.
- KIEW, R. 1990. *Conservation of plants in Malaysia*. In P. Baas et al. (Eds.): 313–322.
- KIEW, R. 1990. *Notes on the ground flora of Gunung Kerong, Pahang, Malaysia, including two new species*. Mal. Nat. J. 43: 240–249, illus. — Didymocarpus (Gesneriaceae), Staurogyne (Acanthaceae).
- KIEW, R. 1990. *Reassessment of the generic status of Codonoboea (Gesneriaceae) and its species*. Blumea 35: 167–176, illus. — Reduced to Didymocarpus sect. Codonoboea, 4 species, 1 new, 3 new comb., key.
- KIEW, R. & M. MUID. 1991. *Beekeeping in Malaysia: pollen atlas*. vi + 186 pp, many figs. Malaysian Beekeeping Research and Development Team, Universiti Pertanian Malaysia. — See Reviews.
- KIEW, R. 1990. *Three new species of Pentaphragma from Borneo*. Kew Bull. 45: 545–554, illus. — (Pentaphragmataceae).
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- KLOPPENBURG, D. 1989. *Hoya heuschkeliana*. Hoyan 11 (1:2): i–ii, illus. — New species from Lake Bulusan, Luzon. (Asclepiadaceae).
- KLOPPENBURG, D. 1990. *Hoya burtoniae*. Hoyan 12(1:2)1: i, illus. — (Asclepiadaceae).
- KLOPPENBURG, D. 1990. *Fraterna 1, 3d quarter*. — *Hoya alagensis* (T: Merrill 5542), *H. cembra* (T: Merrill 5650) (but see Burton, 1991, 98), *H. halconensis* (T: Merrill 5674), *H. madulidii* (T: Bolster 357, B, UC; *H. coronarioides* ined.), *H. palawanica* (T: Fox-worthy 834; msc. name of Schlechter), *H. paziae* (T: Merrill 5618; *H. eugeniooides* Schltr., ined.) (but see Burton, 1991, 98), new species from the Philippines (Asclepiadaceae) (n. v.).
- *KLOPPENBURG, D. 1991. *Phillipine Hoya species*. 103 pp, illus. Orca Publishing Co., POB 1003, Medford (OR) – 97501, U.S.A. Price unknown. — Presentation of 37 species; key, descriptions; work heavily criticized by some (Asclepiadaceae).
- KNAPP, S. & C.E. JARVIS. 1991. *The typification of the names of New World Solanum species described by Linnaeus*. Bot. J. Linn. Soc. 105: 325–367, illus. — 27 species discussed.
- KOELEWIJN, J.C. 1990. *Phalaenopsis mariae* (Burbidge ex Warner & Williams). Orchideën 52: 120–121, illus. (In Dutch). — History, cultivation (Orchidaceae).
- KOELEWIJN, J.C. 1990. *Phalaenopsis sanderiana* Rchb.f. Orchideën 52: 128–129, illus. (In Dutch). — History, cultivation (Orchidaceae).
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- PHIPPS, J.B., et al. 1991. *Origins and evolution of subfam. Maloideae (Rosaceae)*. Syst. Bot. 16: 303–332, illus. — Allotetraploid origin supported; precise phylogeny must at present remain unknown.
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