

XV. BIBLIOGRAPHY
(continued from Volume 10, page 391)

*Books have been marked with an asterisk.

BRYOPHYTES

- ASTHANA, A.K. & S.C. SRIVASTAVA. 1991. *Indian hornworts (A taxonomic study).* Bryophyt. Bibl. 42: xi, 58 pp, illus. Schweizerbart'sche Verlagsbuchhandlung, Johannesstrasse 3-A, D-7000 Stuttgart 1, Germany. ISBN 3-443-62014-0, US\$ 73.22. — Anthocerotaceae; 5 genera, 34 species, 1 new; keys, descriptions, notes.
- BARTHOLOMEW-BEGAN, S.E. 1991. *A morphogenetic re-evaluation of Haplomitrium Nees (Hepatophyta).* Bryophyt. Bibl. 41: 483 pp, illus. For address, see Asthana. ISBN 3-443-62013-2. DM 220.00. — 7 species; morphology, ontogeny, speciation, phyletics.
- BISCHLER, H. & S. PIIPPO. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. L. Marchantia (Marchantiaceae, Hepaticae).* Ann. Bot. Fenn. 28: 277–301, illus. — 11 species; key to W. Melanesian species; synonymy, descriptions, notes.
- ELLIS, L.T. 1991. *Calymperes schmidii Broth. in J. Schmidt and C. subintegrum Broth. in J. Schmidt, two distinct species from Malesia.* J. Bryol. 16: 589–593, illus. — Key, descriptions.
- ELLIS, L.T. 1991. *Taxonomic notes on the family Calymperaceae (Musci).* J. Bryol. 16: 595–599, illus. — E.g. Syrrhopodon confertus with leaves reminiscent of Exostatum.
- ENGEL, J.J. 1991. *Studies on Geocalycaceae (Hepaticae). IV. Lamellocolea, a new genus of Leptoscyphoideae from New Zealand.* J. Hattori Bot. Lab. 70: 63–78, illus. — Key to Australasian genera of Leptoscyphoideae, Lophocoleoideae.
- ENGEL, J.J. 1991. *Studies on Geocalycaceae (Hepaticae). VI. Comments on Lectoscyphus in Australasia, together with refinements in Clasmatocolea.* Bryol. 94: 435–437.
- ENGEL, J.J. 1992. *Index hepaticarum supplementum: 1984–1985.* Taxon 41: 253–306. — Survey of 313 new taxa, 423 new combinations, 23 new names; none new here.
- ENROTH, J. 1991. *Notes on Neckeraceae (Musci). 10. The taxonomic relationships of Pinnatella mariei, with the description of Caduciella (Leptodontaceae).* J. Bryol. 16: 611–618, illus. — Also Leptodontaceae redefined.
- ENROTH, J. 1991. *On the phytogeography of Western Melanesian Hepaticae. A literature review.* J. Hattori Bot. Lab. 70: 1–42, illus.
- ENROTH, J. 1992. *Notes on the Neckeraceae (Musci). 13. Taxonomy of the genus Himanthocladium* Ann. Bot. Fenn. 29: 79–88, 63 illus. — Compared to Neckeropsis, Pinnatella (1 comb. nov.); 8 species, 1 new section; key; synonymy, description, specimens under taxa.
- FRAHM, J.-P. 1992. *A revision of the East-Asian species of Campylopus.* J. Hattori Bot. Lab. 71: 133–164, illus. — 15 taxa; key; synonymy, notes.

- FRAHM, J.-P. & S.R. GRADSTEIN. 1991. *An altitudinal zonation of tropical rain forests using bryophytes*. J. Biogeogr. 18: 669–678, illus. — 5 zones; survey of literature.
- FURUKI, T. 1991. *A taxonomical revision of the Aneuraceae (Hepaticae) of Japan*. J. Hattori Bot. Lab. 70: 293–397, illus. — Some Malesian taxa.
- FURUKI, T. & Z. IWATSUKI. 1989. *Mizutania riccardioides, gen. et sp. nov. (Mizutaniaceae, fam. nov.), a unique liverwort from tropical Asia*. J. Hattori Bot. Lab. 67: 291–296, illus.
- GRADSTEIN, S.R. 1992. *The genera Thysananthus, Dendrolejeunea, and Fulfordianthus gen. nov. (Studies on Lejeuneaceae subfamily Ptychanthoideae. XXI)*. Bryol. 95: 42–51, illus. — Key; synonymy, morphology.
- HYVÖNEN, J. & M.-J. LAI. 1991. *Polytrichaceae (Musci) in Taiwan (China)*. J. Hattori Bot. Lab. 70: 119–141, illus. — 17 species., key, notes.
- INOUE, S. & T. FURUKI. 1992. *Chromosome study of Mizutania riccardioides (Hepaticae)*. J. Hattori Bot. Lab. 71: 263–266, illus. — n = 9.
- JOSHI, D.Y., D.D. WAN & S.J. CHAVAN. 1990. *Studies on Mastigolejeunea humilis (Gott.) Schiffn. from Andaman Islands, India*. J. Econ. Tax. Bot. 14: 555–559, illus.
- LAI, M.-J. 1992. *Pseudospiridentopsis horrida (Musci, Trachypodaceae), a neglected moss genus and species from Australia*. J. Jap. Bot. 67: 44–47, illus. — In fact first record for Australia of wide-spread Southeast Asian species.
- LONG, D.G. & R. GROLLE. 1992. *Proposal to conserve Asterella (Hepaticae: Aytoniaceae) with a conserved type*. Taxon 41: 114.
- LONG, D.G. & R. GROLLE. 1992. *Studies on the genus Asterella P. Beauv. (Hepaticae). I. Nomenclatural history*. Taxon 41: 65–69. — Proposal for conservation of name and type.
- MOHAMED, H. & W.D. REESE. 1992. *Syrrhopodon stonae, new to Malaya, and notes on other Malayan Calymperaceae*. Bryol. 95: 88–91, illus. — Also Mythyridium papuanum, distinction between M. jungquilianum and M. subluteum, note on Syrrhopodon laevis.
- MOHAMED, H. & H. ROBINSON. 1991. *A taxonomic revision of the moss family Hookeriaceae and Hypopterygiaceae in Malaya*. Smithson. Contr. Bot. 80: iv, 44 pp, illus. — 12 genera, 35 species, 8 new records; keys; synonymy, descriptions, notes.
- MUES, R., R. KLEIN & R. GRADSTEIN. 1991. New reflections on the taxonomy of Pleuroziaceae supported by flavonoid chemistry. J. Hattori Bot. Lab. 70: 79–90, illus. — Eopleurozia 2 sections (1 new for Bornean species).
- NORRIS, D.H. & T. KOPONEN. 1989. *Typification of Dicranoloma Ren., a small genus of mosses from Northern Australia and New Caledonia*. Acta Bryolichenol. As. 1: 1–4. — Occurs also in Malesia!

- OCHYRA, R. 1990. *Epipterygium* (*Musci, Bryaceae*), a genus new to Australia. *Pol. Bot. Stud.* 1: 51–57.
- OCHYRA, R. 1990. Nomenclatural and taxonomic notes on *Brothera* (*Musci*). *Polish Bot. Stud.* 1: 45–50, illus.
- ONRAEDT, M. 1991. *Bryophytes des îles Philippines. I. Le genre Leptolejeunea* (Spruce) Steph. *J. Hattori Bot. Lab.* 70: 157–166, illus. (In French, Engl. summ.). — 11 taxa, 5 new records; key.
- PERRY, A.R. 1991. Dates of publication of *Transactions of the British Bryological Society* and *Journal of Bryology*. *J. Bryol.* 16: 644–647.
- PIIPPO, S. 1991. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. XLIX. Targionia* (*Targioniaceae, Hepaticae*). *Ann. Bot. Fenn.* 28: 273–276, illus. — 1 species: description; also key to W. Melanesian Marchantiiales.
- PIIPPO, S. 1992. On the phytogeographical affinities of temperate and tropical Asiatic and Australasiatic hepatics. *J. Hattori Bot. Lab.* 71: 1–35, illus. — 4 areas.
- REDFEARN JR., P.L. 1991. *Gymnostomiella* (*Musci: Pottiaceae*) in the Neotropics and Eastern Asia. *Bryol.* 94: 392–395, illus. — 2 species.
- REESE, W.D., H. AKIYAMA & C.C. TOWNSEND. 1991. *Syrrhopodon pulcher*, a new species from Seram and Sulawesi. *Bryol.* 94: 419–420, illus.
- REVEAL, J.L., R.D. HOOGLAND & H.E. ROBINSON. 1992. Proposal to conserve *Ephemeraceae* (*Bryophyta*). *Taxon* 41: 115.
- SCHUSTER, R.M. 1991. On neotenic species of *Radula*. *J. Hattori Bot. Lab.* 70: 51–62, illus. — Discussion on 'Epiphyllae' and 'Acuminatae'; key to subsections of Acuminatae; 2 new subsections, 2 new species.; see also frustration of author on requirement of some countries to leave material and 'types' in country of collection before they could be studied or described.
- SCHUSTER, R.M. 1992. Studies on Marchantiiales, I–III. *J. Hattori Bot. Lab.* 71: 267–287, illus. — E.g. classification of *Riccia* L.: 1 new subgenus, several new sections, and lower taxa.
- STREIMANN, H. 1992. Moss genus *Papillaria* (*Meteoriaceae*) in the Pacific. *J. Hattori Bot. Lab.* 71: 83–111, illus. — 13 species; key; synonymy, descriptions, notes.
- TAN, B.C. 1991. Miscellaneous notes on Asiatic mosses, especially Malesian Sematophylaceae (*Musci*) and others. *J. Hattori Bot. Lab.* 70: 91–106, illus. — 23 reductions, *Hampeohypnum* = *Sclerohypnum*; 7 new combinations; new records.
- TAN, B.C. & Z. IWATSUKI. 1991. A new annotated Philippine moss checklist. *Harvard Pap. Bot.* 3: 1–64. — 28 genera, 700 species.

- TOUW, A. 1992. *A survey of the mosses of the Lesser Sunda Islands (Nusa Tenggara), Indonesia.* J. Hattori Bot. Lab. 71: 289–366, illus. — 367 species, 230 new to area (!), 3 new combinations.
- WATANABE, R. & H. AKIYAMA. 1991. *Taxonomic studies of mosses of Seram and Amboon (Moluccas, East Malesia) collected by Indonesian-Japanese botanical expeditions. IV.* Acta Phytotax. Geobot. 42: 61–66, illus. — Thuidiaceae (12 species), broad branchlets in *Thuidium kiaense*.
- WATERS, D.A., M.A. BUCHHEIM, R.A. DEWEY & R.L. CHAPMAN. 1992. *Preliminary inferences of the phylogeny of bryophytes from nuclear-encoded ribosomal RNA sequences.* Am. J. Bot. 79: 459–466, illus. — Hornworts sister group of mosses, together sister of tracheophytes, liverworts sister to other land plants.
- YUZAWA, Y. 1991. *A monograph of subgen. Chonanthelia of gen. Frullania (Hepaticae) of the world.* J. Hattori Bot. Lab. 70: 181–291, illus. — 32 species, 2 new subsections; phylogeny, key, synonymy, descriptions, etc.
- ZHANG, D.-C. 1991. *A revision of family Metzgeriaceae from southwestern China.* Acta Bot. Yunn. 13: 283–289. (In Chinese, Engl. summ.). — Key, synonymy, diagnoses.

PTERIDOPHYTES

- AMOROSO, V.B. & F.L. MACABUDBUD. 1988. *A new record of Ophioglossum reticulatum Linn. at Fortchacu III, Kalilangan, Bukidnon.* Philip. J. Sc. 117: 401–404, illus.
- BANGUN, P. 1988. *The role of Salvinia molesta to control weeds in lowland rice.* Weed-watcher 6 & 7: 7. — Finally some use of what generally is considered a noxious weed.
- CAMUS, J.M. 1989. *The limits and affinities of Marattialean fern genera in China and the West Pacific.* In K.H. Shing & K.U. Kramer: 31–37, illus.
- CHAMBERS, T.C. & P.A. FARRANT. 1991. *A re-examination of the genus Cheilanthes (Adiantaceae) in Australia.* Telopea 4: 509–557, illus. — 15 species (3 Malesian), 1 new; spores, key; synonymy, descriptions, selected specimens (no overall list), notes; index.
- DAVIES, K.L. 1991. *A brief comparative survey of aerophore structure within the Filicopsida.* Bot. J. Linn. Soc. 107: 115–137, illus. — Petiolar aerophore structure and petiolar anatomy possibly useful at generic level.
- HAGEMANN, W. 1989. *Acrogenous branching in pteridophytes.* In K.H. Shing & K.U. Kramer: 245–258, illus.
- HENNIPMAN, E. 1990. *Flora Malesiana Symposium, Leiden.* IAP News 5: 2. — Abstracts of pteridological papers given.
- HOLTTUM, R.E. 1991. *Tectaria group.* Fl. Males. II, 2: 1–132, illus. — Revision of the 11 Malesian genera; keys, synonymy, descriptions.

- IWATSUKI, K. 1991. *Studies in the systematics of filmy ferns VIII. Cephalomanes Presl subgen. Cephalomanes*. J. Jap. Bot. 66: 134–146, illus. — 12 taxa, incl. several new infraspecific ones; key, synonymy, notes.
- JACOBSEN, W.B.G. 1991. *Phytogeographical analysis of the pteridophytes of some randomly selected areas of the world*. Thaiszia, Kosice 1: 69–94, illus. — Incl. Malay Peninsula.
- JOHNS, R.J. 1991. *Angiopteris elliptica* (Marattiaceae). Kew Mag. 8: 133–140, illus. History, cultivation, synonymy, description.
- JOHNS, R.J. 1991. *Diplazium proliferum* (Woodsiaceae). Kew Mag. 8: 128–133, illus. History, cultivation, synonymy, description.
- JOHNS, R.J. 1991. *Huperzia pinifolia* (Lycopodiaceae). Kew Mag. 8: 123–128, illus. History, cultivation, synonymy, description.
- KATO, M. & D. DARNAEDI. 1989. *Taxonomic and phytogeographic relationships of Diplazium flavoviride, D. pycnopteron and Displaziopsis*. In K.H. Shing & K.U. Kramer: 49–53, illus. — Example of disjunct distribution between Southeast Asia and Eastern North America.
- KATO, M. & R. IMAICHI. 1992. *Leaf anatomy of tropical fern rheophytes, with its evolutionary and ecological implications*. Canad. J. Bot. 70: 165–174, illus.
- KRAMER, K.U. 1989. *Suggestions for criteria to be employed in distinguishing or merging fern genera*. In K.H. Shing & K.U. Kramer: 9–11.
- KUNG, H.S. 1989. *Classification and geographical distribution of the fern family Dryopteridaceae*. In K.H. Shing & K.U. Kramer: 171–176, illus.
- MADHUSOODANAN, P.V. 1989. *Taxonomy and distribution of the genus Salvinia Seguier in the Old World*. In K.H. Shing & K.U. Kramer: 55–68, illus. — Revision; 5 species, key, descriptions, notes.
- NAKAIKE, T. 1991. *A contribution to the fern flora of New Guinea*. Bull. Nat. Sc. Mus. Tokyo B, 17: 85–96, illus. — 25 species; 1 nom. nov., 1 comb. nov., 1 sp. nov. in Plagiogyria.
- PARRIS, B.S., R.S. BEAMAN & J.H. BEAMAN. 1992. *The plants of Mount Kinabalu. 1. Ferns and fern allies*. 165 pp, illus. Royal Botanic Gardens, Kew. ISBN 0-947643-35-4. Price unknown. — First volume of a botanical inventory of the entire flora of vascular plants of the Kinabalu; 620 taxa, 25 new combinations; notes on habitat; listing of taxa, synonymy as far as used for Mt Kinabalu; types, if based on Mt Kinabalu material; specimens with locality and altitude; general list; appendix with additions and deletions; index.
- PICHI SERMOLLI, R.E.G. 1991. *The pteridological collections of the G.R.S.T.S. Expedition to the coastal region of north-eastern Queensland*. Webbia 45: 317–379, illus. — 1 new species (Diplazium), 1 new combination (Sphaeropteris) for Malesia.

- SAIKI, Y., M. MATSUMOTO & Y. MITSUDA. 1989. *Vascular patterns in the petioles of Aspleniaceae*. In K.H. Shing & K.U. Kramer: 273–278, illus.
- SALGADO, A.E. 1988. *A new concept of Tectaria taccifolia (Fee) Price (Aspidiaceae), a polymorphous Philippine fern*. Philip. J. Sc. 117: 211–213. — Incl. *T. hilocarpa*; *Hemigramma* vs. *Tectaria*.
- SANDBRINK, J.M., R.C.H.J. VAN HAM & J. VAN BREDERODE. 1992. *Chloroplast DNA and morphology variation in the fern genus Platycerium (Polypodiaceae: Pteridophyta)*. Fern. Gaz. 14: 97–118, illus.
- SHIM, P.S. 1992. *Two new fern records for Borneo*. Sandakania 1: 11–14, illus. — *Lygodium japonicum*, *Sphenomeris retusa*.
- SHING, K.H. & K.U. KRAMER. 1989. *Proceedings of the International Symposium on Systematic Pteridology*. 332 pp, illus. China Science and Technology Press, 32 Baishi-qiao Rd., Haidian Distr., Beijing 100081, China. ISBN 7-5046-0151-9/Q.5. Price unknown. — International symposium to commemorate R.C. Ching; 54 papers on methodology, taxonomy, geography, morphology, chemistry,
- STEEVES, T.A. 1989. *Phylogenetic and ontogenetic interpretations of the fern vascular system*. In K.H. Shing & K.U. Kramer: 279–284.
- STOREY, I.N.J. 1991. *Allelopathy in bracken Pteridium aquilinum (Dennstaedtiaceae: Pteridophyta)*. Fern Gaz. 14: 51–53.
- TAGAWA, M. & K. IWATSUKI. 1985. *Lindsaeaceae* (129–149), *Davalliaceae* (150–169), *Oleandraceae* (170–182), *Parkeriaceae* (183–216), *Vittariaceae* (217–230), *Pteridaceae* (231–260), *Aspleniaceae* (261–291). Fl. Thail. 3: 129–296, illus.
- THOMAS, B.A. & N. QUANSAH. 1991. *The palaeobotanical case for dividing Selaginella (Selaginellaceae: Pteridophyta)*. Fern Gaz. 14: 59–64. — At least 2 genera.
- UFFELEN, G.A. VAN. 1992. *Sporogenesis in Polypodiaceae (Filicales). II. The genera Microgramma Presl and Belvisia Mirbel*. Blumea 36: 515–540, illus.
- WATANO, Y. & S. MASUYAMA. 1991. *Inbreeding in natural populations of the annual polyploid fern Ceratopteris thalictroides (Parkeriaceae)*. Syst. Bot. 16: 705–714, illus.
- WEI, W.-X., G.-Y. JIN, N. ZHANG & J. CHEN. 1989. *Studies of hybridization in Azolla*. In K.H. Shing & K.U. Kramer: 135–139, illus.
- *WU, S. & R. CHING. 1991. *Fern families and genera of China*. viii, 630 pp, 227 fig (In Chinese). — Introduction; keys; descriptions, types, notes; bibliography; index.
- ZIMMER, B. 1989. *Fond trichomes and scales as a taxonomic tool in Adiantum*. In K.H. Shing & K.U. Kramer: 285–292, illus.
- ZINK, M.J. 1989. *Affinities and delimitation of the genus Lepisorus (J. Sm.) Ching (Polypodiaceae)*. In K.H. Shing & K.U. Kramer: 75–81, illus. — Distinct from Pleopeltis.

SPERMATOPHYTES AND GENERAL SUBJECTS

- * ABDULLAH, A.S. 1990. *Poisonous plants of Malaysia*. xi, 68 pp, illus. Tropical Press, 29 Jl. Riong, 59100 Kuala Lumpur, Malaysia. ISBN 967-73-0052-0. Price unknown.
- ACHARYA, H., G. NAGESWAR & M. RADHAKRISHNAIAH. 1992. *Phenolic acid profile in Phyllanthus s.l. (Euphorbiaceae)*. Feddes Repert. 103: 83–85, illus. — 9 species studied; poor correlation with current taxonomy.
- ADAM, J.H. & C.C. WILCOCK. 1990 (1991?). *Two new varieties of Nepenthes from Borneo*. Mal. Nat. J. 44: 29–34, illus. — Of *N. ampullaria* and *N. rafflesiana* (Nepenthaceae).
- ADAM, J.H. & C.C. WILCOCK. 1991. *A new species of Nepenthes (Nepenthaceae) from Sarawak*. Blumea 36: 123–125, illus.
- ADAM, J.H. & C.C. WILCOCK. 1992. *A new natural hybrid of Nepenthes from Mt. Kinabalu (Sabah)*. Reinwardtia 11: 35–40, illus. — *Nepenthes burbridgeae* × *N. rajah*; field key; (Nepenthaceae).
- ADEMA, F. 1992. *New species of Elattostachys (Blume) Radlk. (Sapindaceae)*. Blumea 36: 541–550, illus. — 5 from New Guinea, 1 each from Celebes and the Solomon Isl.; keys to Celebes and New Guinea species.
- AGBAYANI, B.F. & L.J. BULALACAO. 1989. *A study of Philippine common allergenic pollen grains. III. A study of the allergenicity of different parts of the plant Amaranthus spinosus (Pigweed) by skin testing*. Philip. J. Internal Med. 27: 209–214. — (Amaranthaceae).
- AMARAL, M.C.E. 1991. *Phylogenetische Systematik der Ochnaceae*. Bot. Jahrb. 113: 105–196, illus. (In German, Engl. summ.). — Cladistics; *Lophira* included, *Diegodendron*, *Strasburgeria* excluded; 2 new combinations; generic key, descriptions; pollination; dispersal, biogeography.
- ANDERSSON, L. & C. PERSSON. 1991. *Circumscription of the tribe Cinchoneae (Rubiaceae) – a cladistic approach*. Pl. Syst. Evol. 178: 65–94, illus. — 3 tribes, 1 new.
- ANONYMOUS. 1988. *Some notes on Mimosa pigra L. in Indonesia*. Weedwatcher 2 & 3: 9–10, illus. — Two forms: a prostrate and an erect one; (Leguminosae).
- ANONYMOUS. 1992 (?). *Botany Focus. The 1990-91 annual report of Botany Branch and the Queensland Herbarium*. 36 pp. — Some new records, e.g. *Melochia umbellata* (Sterculiaceae).
- ARGENT, G. & M. BATES. 1992. *Rhododendron polyanthemum*. Edinburgh J. Bot. 49: 1–4, illus. — History, description.
- ASHTON, P.S. 1991. *Towards a regional classification of the humid tropics of Asia*. Tropics 1: 1–12, illus. — Physiognomy and phenology are insufficient; floristic criteria will give a more ecologically informative base and more consistent discontinuities in the field; a tentative classification is given.

- AVERYANOV, L. V. 1991. *Main trends of the morphological evolution of the Orchidaceae family.* Bot. Dzj. 76: 921–935 (In Russian).
- AVERYANOV, L. V. (21 March) 1991. *The system of orchids (Orchidaceae) of the Vietnamese flora. The subfamily Epidendroideae, the tribes Malaxideae and Epidendreae.* Bot. Dzj. 76: 120–128 (In Russian). — Keys, descriptions; Oberoniinae, subtribus novus. (see also Szlachetko, 1 Sept. 1991).
- AVERYANOV, L. V. 1991. *The origin and some evolutional, biological and ecological features of the orchids (Orchidaceae).* Bot. Dzj. 76: 1345–1359 (In Russian, Engl. summary).
- AWASTHI, A. K. 1990. *Studies on Strait Island in Andamans: physiography, vegetation and enumeration of taxa.* J. Econ. Tax. Bot. 14: 663–667. — 87 taxa.
- BAKAR, B. B. 1988. *Demography and growth patterns of Scirpus grossus L.* Weedwatcher 6 & 7: 7. — (Cyperaceae).
- BAKKER, M. E. & A. F. GERRITSEN. 1992. *Oil and mucilage cells in Annona (Annonaceae) and their systematic significance.* Blumea 36: 411–438, illus. — Sometimes indicate relationships; cladistic analysis shows many homoplasies.
- BALAKRISHNAN, N. P. & T. CHAKRABARTY. 1990. *A note on Baliospermum razianum (Euphorbiaceae).* J. Econ. Tax. Bot. 14: 744. — = B. montanum.
- BALAKRISHNAN, N. P. & T. CHAKRABARTY. 1991. *A revision of Trigonostemon Bl. (Euphorbiaceae) for India Subcontinent.* Candollea 46: 601–637, illus. — 13 species; key; synonymy, descriptions, notes, exx. under species.
- BALDINI, R. M. & C. E. JARVIS. 1991. *Typification of some Linnaean names in Phalaris (Gramineae).* Taxon 40: 475–485, illus. — For 7 taxa (Gramineae).
- *BANERJEE, L. K. & T. A. RAO. 1990. *Mangroves of Orissa Coast and their ecology.* x, 118 pp, illus. Bishen Singh Mahendra Pal Singh, 23-A Connaught Pl., Dehra Dun 248 001, India. ISBN 81-211-0028-3. Price unknown. — Geology, climate, vegetation, etc.; keys; descriptions, uses, conservation, management.
- BARANOVA, M. 1992. *Principles of comparative stomatographic studies of flowering plants.* Bot. Rev. 58: 49–99, illus. — Important survey.
- BARLOW, B. A. 1991. *Conspectus of the genera Scurrula L. and Taxillus Tieghem (Loranthaceae) in the Malesian region.* Blumea 36: 63–85, illus. — Scurrula 8 species, 2 new; Taxillus 1 species; keys; synonymy, descriptions.
- BARLOW, B. A. 1992. *Conspectus of the genus Amyema Tieghem (Loranthaceae).* Blumea 36: 293–381, illus. — 92 species, 8 new, 1 new subspecies; key; synonymy, notes; bibliography; index; collector's list can be obtained on request.

- BARNEBY, R.C. 1991. *Sensitivae censitae: a description of the genus Mimosa Linnaeus (Mimosaceae) in the New World*. Mem. N.Y. Bot. Gard. 65: 1–835, illus. — Magnum opus on 704 taxa, many new, also new sections and series, with emphasis on the West Indies and South America; morphology; keys; synonymy, descriptions, notes; collectors' list for WI and SA; index.
- BARRIE, F.R. & K.N. NAIR. 1991. *Proposal to conserve the type of Paullinia asiatica Linnaeus, the type of 4077 Toddalia Jussieu, nom. cons. (Rutaceae)*. Taxon 40: 646–649.
- BASTMEIJER, J.D. & C. KETTNER. 1991. *Cryptocoryne pallidinervia Engler*. Aqua-Planta 16: 123–128, illus. (In German). — History, nomenclature, description, cultivation (Araceae).
- *BENZING, D.H. 1990. *Vascular epiphytes*. Cambridge University Press, Cambridge, etc. ISBN 0-521-26630-0. Price unknown. — See Reviews.
- BENZING, D.H. & M.A. CLEMENTS. 1991. *Dispersal of the orchid Dendrobium insigne by the ant Iridomyrmex cordatus in Papua New Guinea*. Biotropica 23: 604–607, illus. — (Orchidaceae).
- *BERRY, F. & W.J. KRESS. 1991. *Heliconia, an identification guide*. viii, 334 pp, illus. (most in colour). ISBN 1-56098-006-0 (cloth) US\$ 41.95, £ 27.75, 1-56098-007-9 (paper), US\$ 19.75, £ 10.95. Smithsonian Institution Press. — An addict's manual: 200 out of 450 species and cultivars depicted in colour, brief diagnoses; chapters on morphology, distribution, breeding, collecting, conservation, nomenclature, taxonomy, cultivation, commerce; very nicely executed.
- BOGNER, J. & W.L.A. HETTERSCHIED. 1992. *Notes on the genus Amorphophallus (Araceae). I. Three new species from tropical Asia*. Blumea 36: 461–475, illus.
- BOGNER, J. & D.H. NICOLSON. 1991. *A revised classification of Araceae with dichotomous keys*. Willdenowia 21: 35–50, illus. — Acorus separate family; Anthurieae to Lasioideae; Thomsoniae to Aroideae.
- BOHS, L. 1991. *Crossing studies in Cyphomandra (Solanaceae) and their systematic and evolutionary significance*. Am. J. Bot. 78: 1683–1693, illus.
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- CARLQUIST, S. 1992. *Wood anatomy of sympetalous dicotyledon families: a summary with comments on systematic relationships and evolution of the woody habit.* Ann. Missouri Bot. Gard. 79: 303–332, illus.
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- CHAKRABARTY, T. & M. GANGOPADHYAY. 1990. *Notes on some Asiatic Euphorbiaceae. IV.* J. Econ. Tax. Bot. 14: 719–720. — *E.g. Drypetes oblongifolia* in Borneo; *D. sumatrana*.
- CHAMPLUVIER, D. 1991. *Révision des genres Staurogyne Wall., Anisosepalum E. Hos-sain et Saintpauliopsis Staner (Acanthaceae) en Afrique tropicale.* Bull. Jard. Bot. Nat. Belg. 61: 93–159, illus. (In French, Engl. summ.).
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- CREPET, W.L. & G.D. FELDMAN. 1991. *The earliest remains of grasses in the fossil record*. Am. J. Bot. 78: 1010–1014, illus. — Remnants from Paleocene/Eocene; wind pollination evolved in dry tropical environments (Gramineae).
- DANIEL, P. 1991. *Names validated in Rottler's 'Botanical observations' of 1803*. Taxon 40: 605–611. — Discussion of a much overlooked paper important for Indian (and Malesian) botany; many types in the Willdenow Herbarium, B.
- DASUKI, U.A. & A.M. SCHOT. 1991. *Taxonomy of Fordia Hemsley (Papilionaceae: Millettieae)*. Blumea 36: 191–204, illus. — Imbralyx reduced; 18 species, 1 new, 2 unnamed, 5 new combinations; key; synonymy, some descriptions; exx list.
- *DATTA, R. 1985. *Revision of Indian Hedyotis L. (Rubiaceae)*. Thesis, Howrah. 362 pp, illus. — Extensive revision of 74 species. (incl. Oldenlandia). Photocopy in L.
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- DIETRICH, H. 1991. *Bibliographia Orchidacearum 6. Aussereuropäische Arten*. 180 pp. 3236 literature references of 1981–1990 and additions to 1900–1987 (Orchidaceae).
- DÍEZ, T M.J. & B. VALDÈS. 1991. *Pollen morphology of the tribes Eritrichieae and Cynoglosseae (Boraginaceae) in the Iberian Peninsula and its taxonomic significance*. Bot. J. Linn. Soc. 107: 49–66, illus. — Not distinct in pollentype (heterocolpate); classification of Cynoglossum and Myosotis.
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- DOWNIE, S.R. & J.D. PALMER. 1992. *Restriction site mapping of the chloroplast DNA inverted repeat: a molecular phylogeny of the Asteridae*. Ann. Missouri Bot. Gard. 79: 266–283, illus. — 6 major groups; Asteridae not monophyletic; to be enlarged; Cornaceae, Hydrangeaceae, Loasaceae close; sister-group relationship between Apiales, Dipsacales; Menyanthaceae in Asterales.
- DRANSFIELD, J. 1991. *Notes on Pinanga (Palmae) in Sarawak*. Kew Bull. 46: 691–698, illus. — 3 new species.
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- DUKE, N.C. 1991. *Nypa in the mangroves of Central America: introduced or relict?* Principes 35: 121–132, illus. — East Panama; most likely introduced (Palmae).
- DUKE, N.C. 1991. *A systematic revision of the mangrove genus Avicennia (Avicenniaceae) in Australasia*. Austr. Syst. Bot. 4: 299–324, illus. — 5 species; A. marina 3 varieties (1 comb. nov.); key; synonymy, notes; representatives specimens under taxa.
- DUYFJES, B.E.E. 1991. *Stemonaceae and Pentastemonaceae: with miscellaneous notes on members of both families*. Blumea 36: 239–252, illus. — Pentastemonaceae upheld; 2 new combinations.
- DUYFJES, B.E.E. 1992. *Formal description of the family Pentastemonaceae*. Blumea 36: 551–552.
- EGENBERG, I.M. & D. MOE. 1991. *A 'stop-press' announcement. Damage caused by a widely used herbarium mounting technique*. Taxon 40: 601–604, illus. — Mounting with dots of glue should be avoided, as different changes in expansion and contraction rates of plants, paper and glue due to temperature and humidity changes (deep freezing!) cause fragmentation of the specimen; small paper mounting strips are best.
- ELLIS, J.L. & L.N. RAY. 1991. *Grewia indandamanica Ellis & Ray – a new species from Andaman Islands in the Bay of Bengal, India*. Candollea 46: 341–343, illus. (Tiliaceae).
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- ERGO, A.-B. 1990. *Le Palmier à huile (Elaeis guineensis Jacq.). Volume 3*. Docum. Econ. 7: iv, 166 pp. Musée Royal de l'Afrique Centrale, Tervuren, Belgium. — Analytical bibliography of 649 entries; indices to author, geography, subjects to all 3 volumes (Palmae).
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- FADEN, R.B. 1992. *Floral attraction and floral hairs in the Commelinaceae*. Ann. Missouri Bot. Gard. 79: 46–52. — Review of pollination and floral biology in he family.
- FADEN, R.B. 1992. *Proposal to conserve Commelina benghalensis (Commelinaceae) with a conserved type under Art. 69.3*. Taxon 41: 341–342.
- FAGES, J. 1991. *Les centres ORSTOM dans le Pacifique Sud (1946–1990) / ORSTOM centres in the South Pacific (1946–1990)*. In F. Doumenge & J.-P. Doumenge, q.v.: 21–34 (French), 42–49 (English). — Historical review of foundations and research subjects.
- FANG, R., T. HSU, S. HUANG & B. GAO. 1991. *Ericaceae*. Fl. Reipubl. Pop. Sin. 57/3: 1–234, illus. (In Chinese). — Andromedoideae; 17 genera, 208 species.
- FERNANDEZ A, J.L. & J.A. AMAYA. 1991. *Historia del nombre generico Escallonia Mutis ex L. fil.* Caldasia 16: 311–326, illus. (In Spanish, Eng. summ.). — Lectotypifications.
- FESSEL, H. 1991. *Dendrobium lindleyi Steud. und Dendrobium jenkinsii Wall. ex Lindl. aus der Sektion Callista*. Orchidee 42: 263–265, illus. (In German). — Differences (Orchidaceae).
- FIALA, B. & U. MASCHWITZ. 1991. *Extrafloral nectaries in the genus Macaranga (Euphorbiaceae) in Malaysia; comparative studies of their possible significance as pre-dispositions for myrmecophytism*. Biol. J. Linn. Soc. 44: 281–305, illus.
- FIALA, B. & U. MASCHWITZ. 1992. *Domatia as most important adaptations in the evolution of myrmecophytes in the paleotropical tree genus Macaranga (Euphorbiaceae)*. Pl. Syst. & Evol. 180: 53–64, illus. — Interesting account on evolution of myrmecophily.
- FORMAN, L.L. 1991. *Menispermaceae*. Fl. Thail. 5: 300–365, illus.

- FORSTER, P.I. 1990. *Brachystelma glabriflorum* (F. Muell.) Schltr. (Asclepiadaceae). Asklepios 49: 71–84, illus. — Synonymy, description, notes.
- FORSTER, P.I. 1991. *The correct publication dates for some genera and species of Asclepiadaceae described by Robert Brown*. Asklepios 52: 78–79. — All in the Prodromus, 1810.
- FORSTER, P.I. 1991. *Clarification of the author citations, publication, places and types for recently described Hoya species (Asclepiadaceae) from the Philippines*. Asklepios 52: 100–101. — Critical nomenclatural analysis of the 15 taxa recently described by Burton and Kloppenburg.
- FORSTER, P.I. 1991. *A taxonomic revision of Sarcolobus R. Br. (Asclepiadaceae: Marsdeniae) in Australia and Papuasia*. Austrobaileya 3: 335–360, illus. — Incl. Astelma, Papuastelma, 12 species., 9 in Malesia, there 3 new, 3 comb. nov.; keys; synonymy, descriptions, notes; specimens under species.
- FORSTER, P.I. 1991. *A taxonomic revision of Cynanchum L. (Asclepiadaceae: Asclepiadoideae) in Australia*. Austrobaileya 3: 443–466, illus. — 11 species, 3 Malesian; key; synonymy, descriptions, notes; selected specimens under taxa.
- FORSTER, P.I. 1991. *Variation in Hoya australis R. Br. ex Traill (Asclepiadaceae)*. Austrobaileya 3: 503–521, illus. — 5 subspecies, 1 Malesian, 1 new, 2 new combinations; key; synonymy, descriptions, notes, specimens under taxa.
- FORSTER, P.I. 1991. *Additions to Secamone R. Br. (Asclepiadaceae: Secamonoideae) in Australia*. Austrobaileya 3: 541–547, illus. — Incl. Toxocarpus; 4 species, 3 Malesian; key; synonymy, descriptions, notes, specimens under species.
- FORSTER, P.I. 1991. *Ochrosia minima (Markgraf) Fosberg & Boiteau (Apocynaceae), a new record for Australia*. Austrobaileya 3: 551–559, illus. — Synonymy, Australian specimens, key to Australian species.
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- FORSTER, P.I. 1991. *Euphorbia plumerioides Teysm. ex Hassk., a rarely encountered stem-succulent from Australia and Malesia*. Euphorbia J. 7: 15–19, illus. — Synonymy, description, distribution (Euphorbiaceae).
- FORSTER, P.I. 1991. *The identity of Toxocarpus papuanus Van Royen (Asclepiadaceae)*. Blumea 36: 105–108, illus. — = Marsdenia argentata; description.
- FORSTER, P.I. 1991. *Resurrection of the Honiara Herbarium (BSIP), Solomon Islands*. Austr. Syst. Bot. Newsl. 68: 19.
- FORSTER, P.I. 1992. *A taxonomic account of the genus Calotropis R. Br. (Asclepiadaceae) in Australia*. Nuytsia 8: 201–208, illus. — 2 introduced species; key; synonymy, descriptions, distribution.

- FORSTER, P.I. 1991. *A taxonomic revision of Gymnanthera R. Br. (Asclepiadaceae: Periplocoideae) in Australia*. Austr. Syst. Bot. 4: 563–569, illus. — 2 species; 1 new combination; key; synonymy, descriptions, notes.
- FORSTER, P.I. 1992. *A taxonomic revision of Tylophora R. Br. (Asclepiadaceae: Marsdenieae) in Australia*. Austr. Syst. Bot. 5: 29–51, illus. — 12 species, at least 1 Malesian; key; synonymy, descriptions, notes, selected specimens under some species.
- FORSTER, P.I. 1992. *A taxonomic revision of Sarcostemma R. br. subgenus Sarcostemma (Asclepiadaceae: Asclepiadeae) in Australia*. Austr. Syst. Bot. 5: 53–70, illus. — 3 species also in Malesia, 1 new, 2 subspecies, comb.nov.; key; synonymy, descriptions, notes; specimens under some taxa.
- FORSTER, P.I. 1992. *A taxonomic revision of Heterostemma Wight & Arn. (Asclepiadaceae: Stapelieae) in Australia and the Western Pacific*. Austr. Syst. Bot. 5: 71–80, illus. — 3 species, 1 new, 1 new combination., 1 Malesian; key; synonymy, description; specimens under species.
- *FORSTER, P.I., P.D. BOSTOCK, L.H. BIRD & A.R. BEAN. 1991. *Vineforest plant atlas for South-east Queensland*. Queensland Herbarium, Meiers Road, Indooroopilly (Qld.) - 4068, Australia. 502 pp. Au\$ 36.00 + 10.00 (handling, postage). — See Reviews.
- FORSTER, P.I. & B.P.M. HYLAND. 1991. *Voacanga grandifolia (Miq.) Rolfe (Apocynaceae), a new generic record from Torres Strait, Queensland, Australia*. Austrobaileya 3: 561.
- FORSTER, P.I. & D.J. LIDDLE. 1991. *Variation in Hoya australis R. Br. ex Traill (Asclepiadaceae)*. Austrobaileya 3: 503–521, illus. — 5 new subspecies; key; synonymy, diagnoses, distribution, notes, collector's list.
- FOSBERG, F.R. 1990. *New and noteworthy Cook Island plants*. Micronesica 23: 1–4. — New species in Psychotria, Scaevola, new varieties in Terminalia, Nesogenes; new records in Eragrostis, Oxalis.
- FOSBERG, F.R. & L. RAULERSON. 1990. *Noteworthy Micronesian plants*. 6. Micronesica 23: 139–152. — Notes, records of Apocynaceae, Aristolochiaceae, Bombacaceae, Cucurbitaceae, Cyperaceae, Euphorbiaceae, Gentianaceae, Gramineae, Hernandiaceae (new combination. & stat. for *H. peltata*), Leguminosae, Melastomataceae, Moraceae, Oxalidaceae (survey of *Oxalis*, key, 3 species.), Rubiaceae, Sterculiaceae, Urticaceae, Zingiberaceae.
- FOSBERG, F.R. & M.-H. SACHET. 1991. *Studies in Indo-Pacific Rubiaceae*. Allertonia 6: 191–278. — *Hedyotis* s.l., e.g. incl. *Leptopetalum*, *Oldenlandia*; subgenus *Leptopetalum*: 6 species, key, 1 new section, 1 comb. nov.; variation in *H. auricularia* (6 varieties, 4 new, key), *H. verticillata* (3 varieties, 1 new, key); revision for Micronesia *Hedyotis*: keys to 27 species, 2 new, 6 new varieties, 2 new combinations; *Neanotis* invalidly published; *Psychotria*: keys to 15 species (3 new), 15 varieties (3 new), 5 new combination; *Tarennia sambucina*: typification, key to 6 var, 2 new, 3 new combinations; index to all names.

- FRAHM, J.-P. & S.R. GRADSTEIN. 1991. *An altitudinal zonation of tropical rain forests using bryophytes*. J. Biogeogr. 18: 669–678, illus. — 5 zones; survey of literature.
- FU, D.-Z. 1990. *Phylogenetic considerations on the subfamily Thalictroideae (Ranunculaceae)*. Cathaya 2: 181–190, illus. — 6 tribes, 1 from Helleboroideae, 1 new status, 2 new subtribes; generic key.
- GARAY, L.A., F. HAMER & E.S. SIEGERIST. 1992. *Beiträge zu kultivierten Bulbophyllum-Arten*. Orchidee 43: 139–142, illus. (In German, English). — 2 spec. nov, 1 from New Guinea (Orchidaceae).
- GIANNASI, D.E., G. ZURAWSKI, G. LEARN & M.T. CLEGG. 1992. *Evolutionary relationships of the Caryophyllidae based on comparative rbcL sequences*. Syst. Bot. 17: 1–15, illus. — Polygonales and Plumbaginales not closely related to Caryophyllales, nor to Dilleniales; superorders supported; early independent evolution.
- GOEL, A.K. & T. CHAKRABARTY. 1990. *Excoecaria indica (Euphorbiaceae): new for Andaman Islands*. J. Econ. Tax. Bot. 14: 738.
- GOLDBLATT, P. & N. SNOW. 1991. *Systematics and chromosome cytology of Eleutherine Herbert (Iridaceae)*. Ann. Missouri Bot. Gard. 78: 942–949, illus. — 2 species, 1 with medicinal properties naturalized in the Philippines; key; synonymy, descriptions.
- GOTTSBERGER, G. 1991. *Pollination of some species of the Carludovicoideae, and remarks on the origin and evolution of the Cyclanthaceae*. Bot. Jb. 113: 221–235, illus. — Possibly derived from primitive neotropical palms.
- GOVINDRAJALU, E. 1990. Proc. Ind. Acad. Sc., Pl. Sc. 100: 71. — New Eleocharis from Andaman Isl. (Cyperaceae). (n.v.).
- GRAYUM, M.H. 1991. *Systematic embryology of the Araceae*. Bot. Rev. 57: 167–203, illus.
- GRIESBACH, R.J. 1991. *The history of the confusion over the identity of Paphiopedilum glanduliferum*. Am. Orch. Soc. Bull. 60: 421–425, illus. — P. glanduliferum accepted over P. praestans (Orchidaceae).
- GROVER, A. & D. PENTAL. 1992. *Interrelationships of Oryza species based on electrophoretic patterns of alcohol dehydrogenase*. Canad. J. Bot. 70: 352–358, illus. 6 major groups (Gramineae).
- GRUß, O. & W. BAUMANN. 1991. *Paphiopedilum fowlie Birk 1981*. Orchideenkartei, Orchidee 42: 663–664, illus. (In German). — Description, cultivation, history (Orchidaceae).
- GRUß, O., W. BAUMANN, L. RÖLLKE & B. MARK. 1992. *Paphiopedilum hennsonianum (Schoser ex Wood) Fowlie 1977*. Orchideenkartei 677–678, illus., in Orchidee 43/1. (In German). — History, description, cultivation (Orchidaceae).

- GRUß, O. & L. RÖLLKE. 1992. *Kleinode der Gattung Phalaenopsis in ihrer Vielfalt (Teil 1). Phalaenopsis fimbriata J.J. Smith 1921.* Orchidee 43: 87–89, illus. (In German). — 1 new variety and forma, both invalid (Art. 37.5) (Orchidaceae).
- GRUß, O. & L. RÖLLKE. 1992. *Phalaenopsis maculata Rchb.f. 1881.* Orchideenkarrei 685–686, illus., in Orchidee 43/2. (In German). — History, description, cultivation (Orchidaceae).
- *GUNN, C.R., J.H. WIERSEMA, C.A. RITCHIE & J.H. KIRKBRIDE JR. 1992. *Families and genera of Spermatophytes recognized by the Agricultural Research Service.* U.S. Dept. Agric., Agric. Res. Serv., Techn. Bull. 1796: (8), 500 pp. — 399 families accepted, 13,500 names of genera recognized by the USDA, grouped by family and in alphabetical order, Dr. Brummitt is being thanked, so hopefully this list will overlap his work (Brummitt, 1992). If not, confusion is exacerbated. Electronical updates are promised every half year through the Germplasm Resources Information Network (GRIN), which can also be reached through INTERNET. For inquiries contact Mr. J.D. Mowder, USDA/ARS, GRIN, 4th Floor, Bldg. 003, BARC-West, Beltsville (MD)-20705-2350, U.S.A.
- GUYMER, G.P. 1991. *Revision of the Rhodomyrtus trineura (F. Muell.) F. Muell. ex Benth. (Myrtaceae) species complex.* Austrobaileya 3: 377–387, illus. — 9 taxa, 5 new (2 from New Guinea); key; synonymy, descriptions, selected specimens under taxa.
- HAM, R.W.J.M. VAN DER. 1991. *Pollen morphology of the Stemonaceae.* Blumea 36: 127–159, illus. — Distinction of Pentastemonaceae supported.
- HANSEN, H.V. 1991. *Phylogenetic studies in Compositae tribe Mutisieae.* Opera Bot. 109: 1–50, illus. — Cladistics based on morphological characters using LM and SEM.
- HARBORNE, J.B. & C.A. WILLIAMS. 1991. *Distribution and evolution of flavonoids in the Palmae and related monocotyledonous families.* Bot. Jahrb. 113: 237–254, illus. — Phytochemical results do not quite agree with Uhl & Dransfield's system (1988); they also link Palmae with Gramineae and Cyperaceae, a very odd assemblage, I think, although it has been suggested before, e.g. by Clifford (1970).
- HARLEY, M.M. 1991. *The pollen morphology of the Sapotaceae.* Kew Bull. 46: 379–533, illus. — 48 genera, 398 species studied; broad tribal correlation with 12 main pollen types; key.
- HARLEY, M.M. 1991. *Pollen morphology of the Sapotaceae.* In T.D. Pennington, q.v.: 23–50, illus.
- HASHIMOTO, T. 1991. *New or noteworthy Philippine orchids conserved in the Tsukuba Botanical Garden.* Ann. Tsukuba Bot. Gard. 10: 27–40, illus. — Trichoglottis 1 new species, 1 new variety; Tuberolabium 1 new species; Dendrobium podagraria new record for Philippines.
- HAY, A. 1992. *Tribal and subtribal delimitation and circumscription of the genera of Araceae tribe Lasieae.* Ann. Missouri Bot. Gard. 79: 184–205, illus. — 4 subtribes, 1 new; keys; synonymy, descriptions; notes on biogeography and phylogeny.

- HAY, A. & D.J. MABBERLEY. 1991. 'Transference of function' and the origin of aroids: their significance in early angiosperm evolution. *Bot. Jahrb.* 113: 339–428, illus.
- HEEL, W.A. VAN. 1992. *Floral morphology of Stemonaceae and Pentastemonaceae*. *Blumea* 36: 481–499, illus. — Croomia and Stichoneuron appear identical; Pentastemonaceae upheld.
- HENDERSON, R.J.F. 1991. *Studies in Dianella Lam. ex Juss. (Phormiaceae)*. 2. Austrobaileya 3: 473–480. — E.g. legitimacy of *D. odorata* Bl.
- HENNESSY, E.F.F. 1991. *Erythrinae (Fabaceae) in southern Africa*. *Bothalia* 21: 1–25, illus. — Erythrina, Mucuna; keys; synonymy, description, notes.
- HENWOOD, M.J. 1991. *Pollen morphology of Polyscias (Araliaceae): the Malesian and Australian species*. *Grana* 30: 559–576, illus. — 2 main pollen types, 6 taxa not assignable.
- *HÔ, P.H. 1991. *Câyco Việtnam. An illustrated flora of Việtnam. 1, part 1 and 2*. 1249 pp + index, illus. Mekong An-Quan, 3630 W. 1st St., Santa Ana CA -92703, U.S.A. ISBN 91-911444. US\$ 35.00 for each part. (In Vietnamese with 2 or 3 lines in English for each species. — 3570 species described and depicted; part 3 expected soon. (n.v.).
- *HOLMGREN, P.K. & N.H. HOLMGREN. 1992. *Plant specialists index*. *Regn. Veg.* 124: 1–394. Koeltz Scientific Books, D-6240 Königstein, Germany. Price unknown. ISBN 3-87429-331-9 (Germany), 1-878762-32-X (U.S.A). — Extracted from Index Herbariorum (Herbaria), ed. 8; by taxon down to genus; country (Malaysia confused with Malesia!); sundry subjects; herbarium addresses; indices to scientific names, specialists; a very useful directory.
- *HOOGMOED, M.S. & R. DE JONG (Eds.). 1992. *Tropisch regenwoud: schatkamer van biodiversiteit*. 206 pp, illus. (In Dutch, Engl. summ.). Nationaal Natuurhistorisch Museum, Raamsteeg 2, Leiden, The Netherlands. ISBN 90-73239-04-4. Hfl. 48.00 (excl. mailing). — Proceedings of symposium 'Tropical rain forest: treasury of biodiversity', Leiden, 7 September 1991; papers on zoology and botany: history, present situation, threat, intricacy of ecosystem, short descriptions of rain forests in America, Africa, and Asia, e.g. H.P. Nooteboom, 'Flora and vegetation of Malesia'.
- HOOT, S.B. 1991. *Phylogeny of the Ranunculaceae based on epidermal microcharacters and macromorphology*. *Syst. Bot.* 16: 741–755, illus. — Two major groups, 7 subgroups.
- HU, C.-H., F.-G. YU & L. CHEN. 1992. *Comparative anatomy of bamboo embryo and their systematic classification*. *Acta Bot. Yunn.* 14: 49–58, illus. (In Chinese, Engl. summ.).
- HUANG, S.-F. & T.-C. HUANG. 1991. *Notes on the flora of Taiwan (10) — Acalypha brachystachya Hornem. and its related species (Euphorbiaceae)*. *Taiwania* 36: 80–84, illus. — Key to 5 related taxa, 1 comb. nov., synonymy, notes.

- HUANG, S.-F. & T.-C. HUANG. 1991. *Notes on the flora of Taiwan (11) — Melastomataceae*. *Taiwania* 36: 117–135, illus. — 11 genera, 19 taxa, 2 comb. nov.; keys; synonymy, diagnoses, notes, exx under sp.
- HUANG, S.-F. & T.-C. HUANG. 1991. *Notes on the flora of Taiwan (12) — The Caesalpinia L. (Leguminosae – Caesalpinoideae)*. *Taiwania* 36: 272–275, illus. — Revision of 4 species; key, synonymy, distribution, no descriptions; authors apparently unaware of Hattink's revision (1974).
- HUFFORD, L. 1992. *Rosidae and their relationships to other nonmagnoliid dicotyledons: a phylogenetic analysis using morphological and chemical data*. *Ann. Missouri Bot. Gard.* 79: 218–248, illus. — Hamamelidae polyphyletic; 'lower' Hamamelidae grade at base of nonmagnoliid dicots; Rosidae paraphyletic versus Asteridae, Dilleniidae, 'higher' Hamamelidae; 'higher Hamamelidae' close to Davidsonia, Cunoniaceae; Dilleniidae not monophyletic?; Corniflorae are rosid grade in which Asteridae are rooted.
- HUFFORD, L. & W.C. DICKISON. 1992. *A phylogenetic analysis of Cunoniaceae*. *Syst. Bot.* 17: 181–200, illus.
- HUQ, A.M. & M.M. MIRZA. 1989. *Stemonaceae*. *Fl. Bangladesh* 41: 1–3, illus. — 1 species.
- HUXLEY, C.R. & M.H.P. JEBB. 1991. *The tuberous epiphytes of the Rubiaceae 1: a new subtribe – the Hydnophytinae*. *Blumea* 36: 1–20, illus. — Anthorrhiza, Hydnophytum, Myrmecodia, Myrmephytum, Squamellaria; morphology, distribution, ecology; key.
- HUXLEY, C.R. & M.H.P. JEBB. 1991. *The tuberous epiphytes of the Rubiaceae 2: the new genus Anthorrhiza*. *Blumea* 36: 21–41, illus. — 8 species, all new; key; collections under species.
- HUXLEY, C.R. & M.H.P. JEBB. 1991. *The tuberous epiphytes of the Rubiaceae 3: a revision of Myrmephytum to include Myrmedoma*. *Blumea* 36: 43–52, illus. — 8 subspecies, 1 new, 3 unnamed; key; synonymy, descriptions; collections under species.
- HUXLEY, C.R. & M.H.P. JEBB. 1991. *The tuberous epiphytes of the Rubiaceae 4: a revision of Squamellaria*. *Blumea* 36: 53–61, illus. — 3 species, 1 new; key; synonymy, descriptions.
- HWANG, Y.H. 1991. *The Casuarinaceae: a biogeography-based theory*. *Austr. Syst. Bot. Newsł.* 68: 14–16, illus.
- IKETANI, H. & H. OHASHI. 1991. *Anatomical structure of fruits and evolution of the tribe Sorbeae in the subfamily Maloideae (Rosaceae)*. *J. Jap. Bot.* 66: 319–351, illus. — Characters of pulp important; phylogeny.
- JACOBS, S.W.L. 1992. *New species, lectotypes and synonyms of Australasian Nymphaea (Nymphaeaceae)*. *Telopea* 4: 635–641. — New Guinea Nymphaea dictyophlebia misused for N. immutabilis in Australia, and now reduced to N. macroperma.

- *JANSEN, P.C.M., R.H.M.J. LEMMENS, L.P.A. OYEN, J.S. SIEMONSMA, F.M. STAVAST & J.L.C.H. VAN VALKENBURG (Eds.). 1991. *Plant Resources of South-East Asia. Basic list of species and commodity grouping. Final version.* 372 pp. Pudoc, Wageningen. ISBN 90-220-1055-4. Hfl. 100.00 or US\$ 67.00 (excl. mailing). — List of 5952 species by name and by commodity group.
- JEBB, M.H.P. 1991. *Aristolochia in New Guinea.* 35 pp, illus. Christensen Research Institute, POB 305, Madang, Papua New Guinea. — Draft manuscript as a base for a future treatment.
- JEBB, M.H.P. 1991. *Cavity structure and function in the tuberous Rubiaceae.* In C.R. Huxley & D.F. Cutler (Eds.), *Ant-plant interactions : 375–389*, illus.
- *JEBB, M.H.P. 1992. *A field guide to Pandanus in New Guinea, the Bismarck Archipelago, and the Solomon Islands.* 130 pp, illus. Christensen Research Institute, POB 305, Madang, Papua New Guinea. — A draft version was received at L; the publication was expected in August 1992; introduction; keys, diagnoses; appendices with notes on taxonomy; list of all names used in New Guinea literature giving types and identity, altitudinal distribution, bibliographies, summaries of some important papers, some unpublished, checklist of specimens, index.
- JEBB, M.H.P. 1992. *A note on the identity of Aristolochia species.* Sc. N.G. 18: 24. — A plea for the necessity of collecting vouchers in phytochemical and lepidopteral research (Aristolochiaceae).
- JEFFREY, C. 1992. *The tribe Senecioneae (Compositae) in the Mascarene Islands with an annotated world check-list of the genera of the tribe.* Kew Bull. 47: 49–109. — Many new combinations, 1 new Arrhenechthites from Celebes.
- JENSEN, S.R. 1992. *Systematic implications of the distribution of iridoids and other chemical compounds in the Loganiaceae and other families of the Asteridae.* Ann. Missouri Bot. Gard. 79: 284–302, illus. — Oleaceae close to Scrophulariaceae; Potoliaeae to Gentianaceae?
- *JOHNSON, D. (Ed.). 1991. *Palms for human needs in Asia.* 258 pp, illus. A.A. Balkema, POB 1675, 3000 BR Rotterdam, The Netherlands, & Old Post Road, Brookfield VT-05036, U.S.A. ISBN 90-6191-181-8. Hfl. 79.50 (incl. VAT). — See Reviews.
- JOHNSON, M.A.T. 1991. *Cytology (of the Sapotaceae).* In T.D. Pennington, q.v.: 15–22. — Summary of present knowledge, but many counts doubtful by lack of vouchers and possible misidentifications.
- KABELER, R.K. 1992. *Proposal to conserve 2490 Silene L. against Lychnis L. (Caryophyllaceae).* Taxon 41: 126–128.
- KAPIL, R.N. & A.K. BHATNAGAR. 1991. *Embryological evidence in angiosperm classification and phylogeny.* Bot. Jahrb. 113: 309–338, illus. — Angiosperms monophyletic with Magnoliales as the most primitive living group.

- KARIS, P.O., M. KÄLLERSJÖ & K. BREMER. 1992. *Phylogenetic analysis of the Cichorioideae (Asteraceae), with emphasis on the Mutisieae*. Ann. Missouri Bot. Gard. 79: 416–427, illus. — Cichorioideae paraphyletic.
- KARTESZ, J.T. & K.N. GHANDI. 1991. *Nomenclatural notes for the North American flora. VII*. Phytologia 71: 87–100. — *Thunbergia grandiflora* Roxb. (Acanthaceae) in Ker-Gawler correct citation.
- KARTESZ, J.T. & K.N. GHANDI. 1992. *Nomenclatural notes for the North American flora. IX*. Phytologia 72: 17–30. — Cyperaceae, e.g. *C. haspan* correctly spelled; *Eleocharis acutangula*, *E. geniculata*; 1 new combination in *Eriophorum*; authorship of new names in Small, Fl. S.E. U.S. (1903).
- KHAN, M.S. & M. HALIM. 1989. *Potamogetonaceae*. Fl. Bangladesh 40: 1–9, illus. — 5 species.
- KHAN, M.S. & HOSNE-ARA. 1989. *Cassythaceae*. Fl. Bangladesh 43: 1–3, illus. — 1 species.
- KHAN, M.S. & B. KHAN. 1989. *Plumbaginaceae*. Fl. Bangladesh 42: 1–8, illus. — 2 genera, 4 species.
- *KHEONG, Y.S. & A. MOHAMAD. 1991. *Plants for coastline planting in Malaysia*. FRIM Techn. Inf. 23: x, 1–40, illus.
- KIEW, R. 1991. *Begonia corneri* (*Begoniaceae*), a new species from Kemaman, Malaysia. Bot. Jahrb. 113: 271–275, illus.
- *KIEW, R. (Ed.). 1991. *The state of nature conservation in Malaysia*. 238 pp, illus. Malayan Nature Society, POB 10750, 50724 Kuala Lumpur, Malaysia. ISBN 983-9681-08-6. Price unknown. — 31 chapters on numerous aspects geological, botanical, zoological, parks, fishing, logging, etc. Very good concise survey!
- KIEW, R. 1992. *Hoya endauensis*. Hoyan 13/3/2: 16.
- KIM, K.-J., R.K. JANSEN, R.S. WALLACE, H.J. MICHAELS & J.D. PALMER. 1992. *Phylogenetic implications of rbcL sequence variation in the Asteraceae*. Ann. Missouri Bot. Gard. 79: 428–445, illus.
- KITAMURA, S. 1991. *Compositae asiaticae. 6*. Acta Phytotax. Geobot. 42: 141–157. Some Malesian; synonymy, general distribution.
- KLOPPENBURG, D. 1991. *4 new Hoya species from the Philippine Islands. No. 1. Fraterna* 1991/3: i–iv, illus. — See also Burton, Hoyan 13/3/1: 48; 13/3/2: 17; (Asclepiadaceae).
- KLOPPENBURG, D. 1991. [Title?] *Fraterna* 1991/4: i, iv. — 2 New Philippine *Hoya* species from previous issue validated (Asclepiadaceae).
- *KLUCKING, E.P. 1991. *Leaf venation patterns. 5. Combretaceae*. 219 pp + 108 pl. J. Cramer, Berlin, Stuttgart. ISBN 3-443-50016-1. DM 240.00, US\$ 151.00.

- *KLUCKING, E.P. 1991. *Leaf venation patterns. 6. Flacourtiaceae.* 272 pp + 114 pl. J. Cramer, Berlin, Stuttgart. ISBN 3-443-50017-X. Price unknown, but expensive, see above. — Also includes Violales and Passiflorales.
- KONTA, F. 1991. *Taxonomic notes of Asclepiadaceae in Thailand. II. Streptocaulon Wight & Arn.* Acta Phytotax. Geobot. 42: 855–91, illus. — 3 species, 1 Malesian; key; synonymy, descriptions, palynology.
- KOPOWITZ, H. 1991. *Paphiopedilum sriwaniae: a new species of Paphiopedilum from the Philippines.* Am. Orch. Soc. Bull. 60: 781–784, illus. — Close to *P. argus*; pronounce ‘siwaniae’; (Orchidaceae).
- KOPOWITZ, H. 1992. *Paphiopedilum sriwaniae: eine neue Art der Gattung Paphiopedilum von den Philippinen.* Orchidee 43: 20–24, illus. (In German). — Translation of preceding; (Orchidaceae).
- KORES, P. 1991. *A revision of the genus Acianthus (Orchidaceae) in Papua New Guinea.* Lindleyana 6: 162–173, illus. — 4 species, 3 new; keys, descriptions.
- KOSTERMANS, A.J.G.H. 1992. *Durio macrantha Kosterm., species nova (Bombacaceae) from North Sumatra.* Reinwardtia 11: 41–51, illus.
- KOSTERMANS, A.J.G.H. 1992. *A new species of Diplodiscus Turcz. (Tiliaceae), related to Brownlowia Roxb.* Reinwardtia 11: 27–28.
- KOSTERMANS, A.J.G.H. 1992. *Reinstatement of Pterocarpus echinata Pers. (Leguminosae – Papilionaceae).* Reinwardtia 11: 33.
- KOSTERMANS, A.J.G.H. 1992. *Two remarkable Lindera species (Lauraceae) probably representing an undescribed genus.* Reinwardtia 11: 23–26, illus.
- KOYAMA, H. 1991. *Type collection in the Herbarium of National Science Museum, Tokyo (TNS). Cyperaceae (II).* Bull. Nat. Sc. Mus. Tokyo B, 17: 97–101. — Few Malesian taxa, some Kanehira and/or Hatusima specimens.
- KULIP, J. 1992. *Racemobambos glabra, a new record for Sabah, Malaysia.* Sandakania 1: 7–9, illus. — Enlarged description (Gramineae).
- KURIACHEN, P.M., V. THOMAS & Y. DAVE. 1992. *Taxonomic and phylogenetic significance of fruit walls in Asclepiadaceae.* Feddes Repert. 103: 179–193, illus. — Epicarp variably layered; follicle marginicidal; key.
- KURZWEIL, H. & A. WEBER. 1992. *Floral morphology of southern African Orchidaceae. II. Habenariinae.* Nord. J. Bot. 12: 39–61, illus. — Emphasis on early ontogeny of gynostemium; status of Habenariinae, Orchidinae, Orchideae, and Diseaseae.
- LADIGES, P.Y. & C.J. HUMPHRIES. 1991. Preface to special issue of Aust. Syst. Bot. 4: 1–227, part of the Proceedings of a Symposium entitled ‘Austral Biogeography’, Canberra, 24–27 August 1990, followed by contributions on the same general topic delivered at a session of the Australian Systematic Botany Society. For the various theories on the origin of Malesia and the past and present distribution of its inhabitants, a very important collection.

- LAMMERS, T.G. 1992. *Circumscription and phylogeny of the Campanulales*. Ann. Missouri Bot. Gard. 79: 388–413. — 2 major clades.
- LAMONT, B.B., D.C. LE MAITRE, R.M. COWLING & N.J. ENRIGHT. 1991. *Canopy seed storage in woody plants*. Bot. Rev. 57: 277–317, illus. — Favoured in regions where seed production is restricted, inter-fire establishment and maturation unlikely, reliable seasonal rains, intense fires occurring within reproductive life-span of species.
- LARSEN, K. 1991. *Nyctaginaceae*. Fl. Thail. 5: 366–374, illus.
- LARSEN, K. & S.S. LARSEN. 1991. *Notes on the genus Bauhinia (Leguminosae – Caesalpinioideae) in SE Asia*. Nord. J. Bot. 11: 629–634, illus. — 3 new species, 2 new combinations.
- LAZARIDES, M., J.B. HACKER & M.H. ANDREW. 1991. *Taxonomy, cytology and ecology of indigenous Australian sorghums (Sorghum Moench: Andropogoneae: Poaceae)*. Austr. Syst. Bot. 4: 591–635, illus. — 18 taxa (8 new) in 4 slightly modified subgenera; cytology; ecology; breeding prospects; morphology; key; synonymy; descriptions.
- LEE, Y.F. & A. BERHAMAN. 1992. *The Sabah Forestry Department's Arboretum at Sepilok, Sandakan*. Sandakania 1: 23–36, illus. — History, aims, and species composition of the Arboretum.
- LU, Y.-Q. & Y.-L. CHEN. 1991. *Seed morphology of Impatiens L. (Balsaminaceae) and its taxonomic significance*. Acta Phytotax. Sin. 29: 252–257, illus. (In Chinese, Engl. summ.). — High correlation with flower and pollen morphology.
- LYE, K.A. 1992. *The history of the genus Mariscus (Cyperaceae)*. Lidia 3: 37–72, illus. — Polyphyletic: reduced to Cyperus, 1 new subgen. comb.
- *MABBERTLEY, D.J. 1991. *Tropical rain forest ecology*. Ed. 2. 300 pp, illus. Blackie & Son Ltd., Academic and Professional Division, Bishopbriggs, Glasgow G64 2NZ, U.K. ISBN 0-216-93147-9 (Hardback), £ 39.00, 0-216-93148-7 (Paperback), £ 17.95, plus £ 3.00 for handling, or £ 9.00 for airmail. (n.v.). — Principal aim to show the importance of change and diversity, and to try to indicate how humans and their habits are mutually involved.
- MADULID, D.A. 1990. *Philippine palms*. Philip. Sc. Encycl.: 393–395. — (Palmae).
- MADULID, D.A. 1990. *Herbaria in the Philippines*. Philip. Sc. Encycl.: 496–498.
- MADULID, D.A. 1990. *Rare and vanishing fruit trees and shrubs*. Nat. Mus. Pap. 2: 39–58.
- MADULID, D.A. 1991. *Utilization of Philippine palms*. In D. Johnson (Ed.), *Palms for human needs in Asia*: 245–255. — (Palmae).
- MADULID, D.A. 1991. *On the significance of Philippine plant names*. ASBP Comm. 3: 48–56.

- MADULID, D.A. 1991. *Taxonomy of Philippine rattans*. PCARRD Recommends Ser. 55-A: 7-14. — (Palmae).
- MALIK, S.S. & N. DIKSHIT. 1990. *Occurrence of Oryza officinalis and O. granulata in Orissa*. J. Econ. Tax. Bot. 14: 605-608, illus. — Descriptions.
- MANSOR, M. 1987. *The spread of Mimosa pigra L. in Peninsular Malaysia*. Weedwatcher 2 & 3: 3. — Potential for most noxious weed in Peninsular Malaysia; (Leguminosae).
- MANSOR, M., E. TAN & H. BAHARUDDIN. 1991. A 'hidden club' in Taman Negara, Peninsular Malaysia. Mal. Nat. 45: 8. — Discovery of Cryptocoryne bullosa, Araceae.
- MAROHASY, J. & P.I. FORSTER. 1991. *A taxonomic revision of Cryptostegia R. Br. (Asclepiadaceae: Periplocoideae)*. Austr. Syst. Bot. 4: 571-577, illus. — 2 species, 3 varieties (1 new, 1 new combination); key; synonymy, description, notes.
- MATHEW, S.P. & T. CHAKRABARTY. 1990. *A new Drypetes Vahl (Euphorbiaceae) from South Andaman Island*. J. Econ. Tax. Bot. 14: 623-625, illus.
- MATTHEW, K.M. 1991. *Precursory notes for a Flora of the Palni Hills, South India*. Kew Bull. 46: 539-546. — E.g. 1 new subspecies in Celastrus paniculatus (Celastraceae), 1 new combination in Givotia for Croton moluccanum (Euphorbiaceae).
- MAXTED, N. 1991. *Intergeneric relationships between Psophocarpus Necker ex DC. (Phaseoleae, Leguminosae) and its allies*. Candollea 46: 367-382, illus. — Phenetic cluster analysis, Otoptera closest.
- MAYO, S.J. 1991. *A revision of Philodendron subgenus Meconostigma (Araceae)*. Kew Bull. 46: 601-681, illus. — 15 species, introduction, keys, synonymy, descriptions, distribution, notes.
- MCCUTCHEON, M. 1991. *Contents list and indexes for the Atoll Research Bulletin*. Atoll Res. Bull. 347: 11-45.
- MCKENDRICK, M. 1987. *The genus Peperomia: taxonomy and cultivation*. Plantsman 9: 163-189, illus. — Popular survey (Piperaceae).
- MICHAUX, B. 1991. *Distributional patterns and tectonic development in Indonesia: Wallace reinterpreted*. Aust. Syst. Bot. 4: 25-36, illus. — Not the founder of 'dispersalist biogeography', but believer in geological changes as causes for distribution; distributions are result from transportation of ancestors on fragments derived from Gondwana and Indo-China plates (Mesozoic), and collision with Australia/New Guinea plate (mid-Tertiary).
- MIDDLETON, D.J. 1991. *Taxonomic studies in the Gaultheria group of genera in the tribe Andromedae (Ericaceae)*. Edinb. J. Bot. 48: 283-306, illus. — Status of genera: in Malesia Diplycosia, Gaultheria (incl. Pernettya), Pernettyopsis.
- MILLER, I.L. 1988. *Aspects of biology and control of Mimosa pigra*. Weedwatcher 6 & 7: 7. — (Leguminosae).

- MORAT, P. 1991. *Publications botaniques faites sur le Pacifique par des chercheurs français et associés de 1960 à 1990/Botanical publications on the Pacific by French researchers and associates from 1960 to 1990.* In F. Doumenge & J.-P. Doumenge, q.v.: 305–328. — 373 references alphabetically arranged by area, especially New Caledonia (219), some pertain to Malesia proper.
- MORTON, C.M. & W.C. DICKISON. 1992. *Comparative pollen morphology of the Styuraceae.* Grana 31: 1–15, illus. — Most similar to that of Theaceae.
- *MUNIAPPAN, R. (Ed.). 1991. *Proceedings of the Second International Workshop on Biological Control of Chromolaena odorata.* Biotrop Sp. Publ. 44: xii, 163 pp (n.v.). — (Compositae).
- MUNIAPPAN, R. & M. MARUTANI. 1991. *Distribution and control of Chromolaena odorata (Asteraceae).* Micronesica 3: 103–107.
- MUNIR, A.A. 1992. *A taxonomic revision of the genus Stachytarpheta Vahl (Verbenaceae) in Australia.* J. Adelaide Bot. Gard. 14: 133–168, illus. — 6 species; key; synonymy, descriptions, distributions, notes.
- NAIK, V.N. & P.Y. BHOGAONKAR. 1990. *New record of plants from Maharashtra State.* J. Econ. Tax. Bot. 14: 732–734. — Compositae, e.g. Blumea species.
- *NAITHANI, H.B. 1990. *Flowering plants of India, Nepal & Bhutan (not recorded in Sir J.D. Hooker's Flora of British India).* viii, 711 pp. Surya Publications, 4-B Nashville Rd., Dehra Dun 248001, India. Price unknown. ISBN 81-85276-20-X. — Not a flora but compilation of taxa with selected literature references; some new combinations hard to find, e.g. in Cyperaceae, at least 4th time for Mimosa diplosticha var. inermis, first made in FMB 9 (1987) 416, cf. 10 (1989) 200; index.
- NARUHASHI, N. & Y. IWATSUBO. 1991. *Cytotaxonomic studies on two putative hybrids in the genus Duchesnea (Rosaceae).* Bot. Mag. Tokyo 104: 137–143, illus. — D. indica and D. chrysanthia distinct.
- NG, F.S.P. 1991. *The relationships of the Sapotaceae within the Ebenales.* In T.D. Pennington, q.v.: 113, illus.
- NICOLSON, D.H. 1991. *A history of botanical nomenclature.* Ann. Missouri Bot. Gard. 78: 33–56. — Brief account with very useful chronological bibliography annotated to show who did what to whom.
- NIELSEN, I. & P. GUINET. 1992. *Synopsis of Adenanthera (Leguminosae-Mimosoideae).* Nord. J. Bot. 12: 85–114, illus. — 12 species, 2 new, 2 new subspecies; keys on pollen and macro-morphology; synonymy, descriptions, notes.
- NOWACK, R. 1992. *What is Cynodon radiatus Roth ex R. & S. (Poaceae)?* Blumea 36: 477–478. — Oldest name for C. arcuatus.
- OGINUMA, K., M. NAKATA, M. SUZUKI & H. TOBE. 1991. *Karyomorphology of Coriaria (Coriariaceae): taxonomic implications.* Bot. Mag. Tokyo 104: 297–308, illus. — Some species well-defined; possible affinities with Rutales/Sapindales.

- OGINUMA, K. & H. TOBE. 1991. *Karyomorphology and evolution in some Hamamelidaceae and Platanaceae (Hamamelididae; Hamamelidales)*. Bot. Mag. Tokyo 104: 115–135, illus.
- OHASHI, H., Y. TATEISHI, T. NEMOTO & H. HOSHI. 1991. *Taxonomic studies on the Leguminosae of Taiwan*. IV. Sc. Rep. Tohoku Univ., IV, 40: 1–37, illus. — 29 new records; distinction between *Flemingia macrophylla* and *F. prostrata*; *Glycine* (1 new species).
- OHBA, H., K.R. RAJBHANTARI & S.-G. WU. 1991. *Taxonomic status of Carex microglochin Wahlenb.* J. Jap. Bot. 66: 172–175, illus. — Differences between *Uncinia*, *Carex*, and *Kobresia* (Cyperaceae).
- OKAMOTO, M. 1991. *Evolutionary trends in the inflorescences and cupules of the northern Fagaceae*. Bull. Osaka Mus. Nat. Hist. 45: 33–48, illus. — *Trigonobalanus* most primitive.
- OLMSTEAD, R.G., H.J. MICHAELS, K.M. SCOTT & J.D. PALMER. 1992. *Monophyly of the Asteridae and identification of their major lineages inferred from DNA sequences of rbcL*. Ann. Missouri Bot. Gard. 79: 249–265, illus. — 2 major lineages.
- OLMSTEAD, R.G. & J.D. PALMER. 1992. *A chloroplast DNA phylogeny of the Solanaeae: subfamilial relationships and character evolution*. Ann. Missouri Bot. Gard. 79: 346–360, illus. — *Cestroideae* ancestral, paraphyletic; *Solanoideae* (incl. *Nolana*) monophyletic; *Salpiglossidae* probably polyphyletic.
- OLTRA, M. 1991. *Origen etimológico de los nombres científicos de los hongos*. Mon. Soc. Micol. Madrid 1: 1–136 (In Spanish, Engl. summ.). — Etymology of scientific names for fungi, of use for those who are at a loss what an epithet means or to propose a new one; write to Sociedad Micológica de Madrid, c/o Real Jardín Botánico de Madrid, Claudio Moyana 1, E-28014 Madrid, Spain; price Ps. 2500 outside Spain, members 10% reduction.
- ØRGAARD, M., H.W.E. VAN BRUGGEN & P.J. VAN DER VLUGT. 1992. *Cabombaceae*. Aqua-Planta, Sonderh. 3: 1–43, illus. (In German). — Revision based on Ms. Ørgaard's previous work on *Cabomba* (1991) (5 species) completed by the latter two authors for *Brasenia* (1); general introduction, keys, descriptions, distribution, remarks, cultivation.
- OROPEZA, C.M., J.M. SANTAMARIA, M.A. VILLANUEVA & V.M. LOYOLA-VARGAS. 1991. *Physiology and biochemistry of Lethal Yellowing in Cocos nucifera*. Principes 35: 208–218, illus. — Survey of present knowledge; (Palmae).
- OSBORNE, P.L. 1988. *Bibliography of freshwater ecology in Papua New Guinea*. Biol. Dept. Occ. Pap. Univ. PNG: 1–65, illus. — Also references to taxonomic papers.
- OU, J.-C. & M.-T. KAO. 1991. *Psoralea corylifolia Linn. (Leguminosae) – a newly naturalized medicinal plant for Taiwan*. Taiwania 36: 23–25, illus.
- OUTER, R.W. DEN & W.L.H. VAN VEENENDAAL. 1992. *Wood anatomy of the Baphia group (Leguminosae)*. IAWA Bull. n.s. 13: 135–150, illus. — Taxonomic implications.

- PEI, S., S. CHEN & S. TONG. 1991. *Palmae*. Fl. Reipubl. Pop. Sin. 13/1: 1–172, illus. (In Chinese). — Coryphoideae to Nypoideae; 28 genera, 108 species.
- *PENNINGTON, T.D. 1991. *The genera of Sapotaceae*. xi, 295 pp, illus. Royal Botanic Gardens, Kew & New York Botanical Garden, New York. ISBN 0-947643-34-6. Price unknown. — With chapters by F.S.P. Ng (taxonomic position), M.A.T. Johnson (cytology), M.M. Harley (pollen morphology), P.G. Waterman & E.N. Mahmoud (phenolic compounds); morphology, history, delimitation of taxa; keys, but not to the tribes in which the genera are arranged (but see p. 119), descriptions, lists of ‘representative species’ under genera; a very important contribution to a better understanding of this difficult family.
- PERRINO, P., G. MARUCA, R.N. LESTER & V. LINSALATA. 1991. *Chemotaxonomic relationship among species of Vicia section Faba*. Feddes Repert. 102: 319–334, illus. — *Vicia faba* very different from postulated relatives and progenitors in leaf flavonoids.
- *PHENGKLAI, C. & C. NIYOMDHAM. 1991. *Flora in peat swamp areas of Narathiwat*. (8), 368 pp. S. Sombun Press, 43/1 Sentlouis 3, Yannawa, Bangkok 10120, Thailand. Price unknown. (In Thai and English). — Narathiwat is North-East border province with Malaysia; short introduction; 470 species (50 new for Thailand) briefly described and depicted in colour; no keys; indices to scientific and Thai names.
- PHILIPSON, W.R. 1991. *A new approach to the origin of vascular plants*. Bot. Jahrb. 113: 443–460, illus. — Sporophyte, or diploid phase, arose separately from that of pteropods and sphenopsids.
- PRASAD, V.D. & L. VIJAYAN. 1990. *Centrostachys aquatica* (R. Br.) Wallich ex Moq. — a rare species in India and its occurrence in Rajasthan. J. Econ. Tax. Bot. 14: 612–614, illus. — Description (Amaranthaceae).
- PREDEP, S.V. & M.P. NAYAR. 1991. *Novelties in the genus Dumasia DC. (Leguminosae – Papilionoideae)*. J. Jap. Bot. 66: 275–279, illus. — 2 new varieties.; key to Indo-Burmese taxa.
- PUFF, C. (Ed.). 1991. *The genus Paederia L. (Rubiaceae – Paederieae): a multidisciplinary study*. Opera Bot. Belg. 3: 1–376, illus. — Contributions by 11 authors on morphology, embryology, karyology, palynology, phytochemistry, reproductive biology, taxonomy, phylogeny; full revision of 30 species; index to specimens.
- *PUROHIT, K.M. & G. PANIGRAHI. 1991. *The family Rosaceae in India (Revisionary studies on some genera) Vol. 1.* (x), 356 pp, illus. Bishen Singh Mahendra Pal Singh, Dehra Dun. ISBN 81-211-0064-X. Price unknown. — 14 genera, (4 in Chrysobalanaceae, 1 in Neuradaceae), Agrimonia, Alchemilla, Neillia, Spiraea; keys, synonymy, descriptions, notes; very useful, but badly bound, after this review the book had nearly fallen apart.
- QIU, H. 1991. *Notes on Drypetes Vahl (Euphorbiaceae) from Hainan*. Acta Bot. Austro Sin. 7: 30–32 (In Chinese, Engl. summ.).

- RAHMAN, M. A. & C. C. WILCOCK. 1991. *A taxonomic revision of the Asiatic genus Pentasacme (Asclepiadaceae)*. Blumea 36: 109–121, illus. — 4 species, 1 new section; key; synonymy, description, representative exx under species.
- RAHN, K. 1992. *Trichomes within the Plantaginaceae*. Nord. J. Bot. 12: 312, ill — Also stomatal types.
- RAJU, V. S., M. D. RAO, N. P. REDDY & P. V. KUMAR. 1990. *Scleria parvula Steud. (Cyperaceae): a new record to southern India*. J. Econ. Tax. Bot. 14: 535–536, illus. — Andhra Pradesh; SEM of achene.
- RAO, P. S. N. & P. V. SREEKUMAR. 1990. *Spondias cytherea Sonner. (Anacardiaceae) in the Bay Islands*. J. Econ. Tax. Bot. 14: 717–718.
- RAO, S. R. S. 1991. *Structure and distribution of plant trichomes in relation to taxonomy: Hibiscus L.* Feddes Repert. 102: 335–344, illus. — (Malvaceae).
- RAVENNA, P. 1991. *Nothoscordum gracile and N. borbonicum (Alliaceae)*. Taxon 40: 485–487, illus. — Nothoscordum fragrans = N. borbonicum, not N. gracile; 1 new subgenus.
- RAVIKUMAR, K., R. GANESAN & K. RAMAMURTHY. 1990. *First report of a seagrass, Halodule wrightii Asch. (Potamogetonaceae) from India*. J. Econ. Tax. Bot. 14: 711–714, illus. — Description, notes.
- REVEAL, J. L. 1991. *Lectotypification of Cassia occidentalis Linnaeus (Caesalpiniaceae)*. Phytologia 71: 453–455. — Hb. Clifford 159 Cassia no. 7 ('10') (BM).
- REVEAL, J. L. 1992. *Nine proposals relating to Cassia Linnaeus (Caesalpiniaceae)*. Taxon 41: 131–140. — Typification of Linnaean species.
- REVEAL, J. L. 1992. *Proposal to conserve 7759 Crescentia (Bignoniaceae) with a conserved type*. Taxon 41: 145–148.
- REVEAL, J. L. & R. D. HOOGLAND. 1992. *Proposals to conserve eight family names of Spermatophyta*. Taxon 41: 116–125. — E.g. Limoniaceae.
- REVEAL, J. L. & R. D. HOOGLAND. 1992. *Proposals to modify entries in Appendix IIB of the Code*. Taxon 41: 122–125. — E.g. Ambrosiaceae, Apostasiaceae, Chloranthaceae, Myricaceae, Posidoniaceae.
- RETTIG, J. H., H. D. WILSON & J. R. MANHART. 1992. *Phylogeny of the Caryophyllales – gene sequence data*. Taxon 41: 201–209, illus. — Cladistic analysis; Phytolaccaceae polyphyletic.
- REYNOLDS, S. T. 1991. *The genus Embelia N. Burman (Myrsinaceae) in Australia*. Austrobaileya 3: 361–367, illus. — 4 species, 3 new, 1 also in New Guinea; key; synonymy, descriptions, selected specimens under taxa.

- REYNOLDS, S. T. 1991. *New species and changes in Sapindaceae from Queensland*. *Austrobaileya* 3: 489–501, illus. — Also keys to Australian species. of Atalaya, Rhynchosperma; 1 new combination. for a New Guinean Jagera.
- REYNOLDS, S. T. 1991. *New species of Hibbertia Andrews (Dilleniaceae) from Australia*. *Austrobaileya* 3: 529–539, illus. — Hibbertia banksii s.s. in New Guinea.
- *ROBBRECHT, E. 1991. *Bijdragen tot de classificatie en de fylogenie van de Rubiaceae (Angiospermae)*. xiv, 219 pp, 47 fig. Thesis, Gent, Meise. (In Dutch, Engl. summ.). — Numerical and cladistical analyses of Diplosporinae and Rubiaceae in general; a pity that provincialism prohibited this important study to be published in English.
- ROBERTSON, K.R., J.B. PHIPPS & J.R. ROHRER. 1992. *Summary of leaves in the genera of Maloideae (Rosaceae)*. *Ann. Missouri Bot. Gard.* 79: 81–94, illus.
- ROHRER, J.R., K.R. ROBERTSON & J.B. PHIPPS. 1991. *Variation in structure among fruits of Maloideae (Rosaceae)*. *Am. J. Bot.* 78: 1617–1635, illus. — Phenetic clustering usually closely links congeneric fruits; Sorbus roughly falls in two, linked with compound or simple leaves; Malus is heterogenous; distinction of Crataegeae and Sorbeae not supported.
- RÖLLKE L. 1990. *Phalaenopsis javanica J.J. Smith 1918*. *Orcchideenkarlsruhe in Orchidee* 41: 619–620, illus. (In German). — Description, history, notes, hybrids (Orchidaceae).
- ROSINSKI, M. 1991. *Untersuchungen zur morphologischen und anatomischen Adaptation der Trichotosiae und Erieae an verschiedene Standorten in den Tropen (Teil 1)*. *Orcchidee* 42: 202–209, illus. (In German). — 120 taxa studied; ecology of Peninsular Malaysian taxa (Orchidaceae).
- ROSINSKI, M. 1991. *Untersuchungen zur morphologischen und anatomischen Adaptation der Trichotosiae und Erieae an verschiedene Standorten in den Tropen (Teil 2)*. *Orcchidee* 42: 265–269, illus. (In German). — (Orchidaceae).
- ROSS, J.H. 1991. *Acacia pennata (L.) Willd. subsp. kerrii I. Nielsen (Mimosaceae), a new record for Australia*. *Austrobaileya* 3: 555.
- RÜBENSAMEN-WEUSTENFELD, T. 1991. *Morphologische, embryologische und systematische Untersuchungen an Triuridaceae*. Bibl. Bot. 140: iv, 113 pp, illus. For address, see Asthana, sub Bryophytes. ISSN 0067-7892, ISBN 3-510-48011-2. Price unknown. (In German). — Taxonomy, nomenclature, morphology, anatomy, ecology, etc.; n.v.
- RUDALL, P. & P. GOLDBLATT. 1991. *Leaf anatomy and phylogeny of Ixioideae, Iridaceae*. *Bot. J. Linn. Soc.* 106: 329–345, illus.
- *RIJNBERG, T.F. 1992. *'s Lands Plantentuin, Buitenzorg, 1817–1992, Kebun Raya Indonesia, Bogor*. ix + 212 pp, illus., maps. Boekhandel Broekhuis, Marktstraat 12, 7511 GD Enschede, The Netherlands. ISBN 979-8290-01-1 Hfl. 54.90 (incl. VAT, excl., mailing). (In Dutch, Engl. summ.). — See Reviews.

- SAIBABA, A. M. & S. R. S. RAO. 1992. *Chemosystematics of Indian Sida L.* Feddes Repert. 103: 77–81, illus. — 8 taxa studied (Malvaceae).
- SAKANE, M. & G. J. SHEPHERD. 1986. *Uma revisão do gênero Allamanda L. (Apocynaceae)*. Rev. Bras. Bot. 9: 125–149, illus. (In Portuguese, Engl. summ.). — 14 species; key; synonymy, descriptions, notes, material under taxa.
- SALATINO, A. & O. R. GOTTLIEB. 1981. *A chemo-geographical perspective of the evolution of quinolizidine bearing Papilionoideae*. Rev. Bras. Bot. 4: 83–88, illus.
- SCHIRARENDS, C. 1991. *The systematic wood anatomy of the Rhamnaceae Juss. (Rhamnales). I. Tribe Zizipheae*. IAWA Bull. n.s. 12: 359–388, illus.
- SCHOLZ, H. & V. MIKOLÁS. 1991. *The weedy representatives of Proso Millet (Panicum miliaceum, Poaceae) in Central Europe*. Thaiszia 1: 31–41, illus. — 3 subspecies, 1 new.
- SCHOT, A. M. 1991. *Phylogenetic relations and historical biogeography of Fordia and Imbralyx (Papilionaceae: Millettieae)*. Blumea 36: 205–234, illus. — Cladistic analysis of morphology and anatomy.
- SCHOT, A. M. 1991. *The two New Guinea species of Lepiderema Radlk. (Sapindaceae)*. Blumea 36: 235–238, illus. — 2 species; key; synonymy, descriptions.
- SCHWARZWALDER JR., R. N. & D. L. DILCHER. 1991. *Systematic placement of the Platanaceae in the Hamamelidae*. Ann. Missouri Bot. Gard. 78: 962–969, illus. — Cladistic analysis of ‘basal Hamamelidae’; Altingioideae, Platanaceae close; Hamamelidae at least as old as Magnoliidae.
- SHAFFER-FEHRE, M. 1991. *The endotegmen tuberculæ: an account of little-known structures from the seed coat of the Hydrocharitoideæ (Hydrocharitaceæ) and Najas (Najadæceæ)*. Bot. J. Linn. Soc. 107: 169–188, illus. — Sub-cellular protuberances from the inner tegmen layer useful at generic and specific level: Hydrocharis dubia = Limnobium dubium, com. nov.
- SHAFFER-FEHRE, M. 1991. *The position of Najas within the subclass Alismatidae (Monocotyledones) in the light of new evidence from seed coat structures in the Hydrocharitoideæ (Hydrocharitales)*. Bot. J. Linn. Soc. 107: 189–209, illus. — In Hydrocharitaceæ tribe Stratioteæ.
- SHAN, R. & M. SHEH (Eds.). 1992. *Umbelliferae*. Fl. Reipubl. Pop. Sin. 55/3: 1–280, illus. (In Chinese). — Peucedaneae to Ammineae; 37 genera, 198 species.
- SHARMA, M. 1990. *Taxonomic notes on North Indian plants – VIII*. J. Econ. Tax. Bot. 14: 547–553. — Papilionaceae: Cassia obtusifolia vs. C. tora, C. occidentalis, Desmodium elegans, Indigofera heterantha, Sesbania bispinosa, S. sesban, Vigna mungo (1 new combination.); Vahliaeae: V. digyna; Lythraceae: Ammannia auriculata, A. baccifera.
- SHEEHAN, T. & M. SHEEHAN. 1991. *Orchid genera illustrated. 138. Schoenorchis*. Am. Orch. Soc. Bull. 60: 44–45, illus. — S. fragrans depicted (Orchidaceae).

- SHELDS, O. 1991. *Pacific biogeography and rapid earth expansion*. J. Biogeogr. 18: 583–585.
- SIEGERIST, E.S. 1991. *A new collector's item from the Philippines*. Am. Orch. Soc. Bull. 60: 865–866, illus. — *Bulbophyllum elassoglossum* (Orchidaceae).
- SIMON, B.K. 1992. *A revision of the genus Aristida (Poaceae) in Australia*. Austr. Syst. Bot. 5: 129–226, illus., 2 microfiche. — Revision of 71 taxa, 3 new sections; keys; synonymy, descriptions; collections on microfiches.
- SIRIRUGSA, P. 1991. *Malpighiaceae*. Fl. Thail. 5: 272–299, illus.
- *SIVARAJAN, V.V. 1991. *Introduction to the principles of plant taxonomy*. Ed. 2 (by N.K.P. Robson). xiv, 292 pp, illus. Cambridge University Press, Trumpington St., Cambridge CB2 1RP, Great Britain. ISBN 0-521-35587-7 (hard cover), £ 40.00, ISBN 0-521-35679-2 (soft cover) £ 15.95. — Updated version with addition on the ancient Indian system of plant classification and the role of present-day taxonomy. For review of ed. 1, see FMB 38, p. 190.
- SMIET, A.C. 1992. *Forest ecology on Java: human impact and vegetation of montane forest*. J. Trop. Ecol. 8: 129–152, illus. — Konto River Upper Watershed, Malang.
- *SMITH, A.C. 1991. *Flora vitiensis nova, a new flora of Fiji* 5. 626 pp, illus. National tropical Botanical Garden, POB 340, Lawai, Kauai, Hawaii 96765, U.S.A. No ISBN. US\$ 85.00. — A tropical flora that was finished! Last volume of the series treating the final 16 families of the Lamiidae and Asteridae with the collaboration of S.P. Darwin for the Lamiaceae and G.D. Carr for the Asteraceae, the Orchidaceae were written up by P.J. Kores.
- SMITH, R.M. 1991. *New species of Alpinia from Sulawesi and Sarawak*. Edinb. J. Bot. 48: 347–352, illus. — 4 species.
- SOEGIARTO, K.A. 1992. *Sejarah Kebun Raya Bogor dalam rangka menyambut ulang tahunnya ke-175*. Warta Kebun Raya 1/2: 112. (In Indonesian). — Brief history of the Bogor Botanical Garden at the occasion of its 175th anniversary.
- SOOD, S.K. 1992. *Embryology of Malaxis saprophyta, with comments on the systematic position of Malaxis (Orchidaceae)*. Pl. Syst. Evol. 179: 95–105, illus. — In Epidendreae.
- SPARRE, B. & L. ANDERSSON. 1991. *A taxonomic revision of the Tropaeolaceae*. Opera Bot. 108: 1–139, illus. — 3 genera, 1 new, 89 species, 15 new, 3 new infraspec. taxa; *Tropaeolum* 10 sections, 1 new; history, morphology, phytogeography, keys, synonymy, descriptions, collector's list.
- STONE, B.C. 1991. *The genus Loheria Merrill (Myrsinaceae)*. Micronesica 24: 65–80, illus. — 6 species, 1 new, 1 new subgenus; keys; synonymy, descriptions, notes, specimens under species.
- STONE, B.C. 1992. *New and noteworthy Malesian Myrsinaceae. VI. Revision of the genus Hymenandra A. DC.* Gard. Bull. Singapore 43: 1–7. (n.v.).

- SUGIMOTO, M., H. ISHIZU & N. NARUHASHI. 1991. *Morphological study of Duchesnea (Rosaceae)*. J. Phytogeogr. & Taxon. 39: 87–95, illus.
- SZLACHETKO, D.L. (1 Sept.) 1991. *New taxa within the order Orchidales*. Fol. Geobot. & Phytotax. 26: 315–329, illus. — E.g. Cheirostylidinae, Oberoniinae (also proposed previously by Averyanov, 21 March 1991), Phragmipediinae, Satyriae, Thecopodinae.
- SZLACHETKO, D.L. 1991. *Theleymitroideae, a new subfamily within Orchidaceae*. Fragm. Fl. Geobot. 36: 33–49, illus. — Also Microtidae, trib. nov.
- TANG, Y. 1992. *On the affinities of Pterospermum Schreb. (Sterculiaceae)*. Guihaia 12: 8–14, illus. (In Chinese, Engl. summ.). — New tribe described.
- TANG, Y. 1992. *A study on Melhania hamiltoniana in relation to the systematic position of the genus*. Acta Bot. Yunn. 14: 13–20, illus. — In Sterculiaceae.
- TARODA, N. & P. GIBBS. 1986. *Studies on the genus Cordia L. (Boraginaceae) in Brazil. I. A new infrageneric classification and conspectus*. Rev. Bras. Bot. 9: 31–42, illus. — 3 subgenera, 3 sections.
- TAYLOR, D.W. & L.J. HICKEY. 1992. *Phylogenetic evidence for the herbaceous origin of angiosperms*. Pl. Syst. & Evol. 180: 137–156, illus. — Cladistic analysis with Chloranthaceae and Piperaceae as outgroups.
- TEICHMAN, I. VON. 1991. *Ontogeny of the seed-coat of Rhus lancea L. fil., and pachychalazy in the Anacardiaceae*. Bot. J. Linn. Soc. 107: 35–47, illus. — Tribal subdivision of Anacardiaceae requires reassessment; Pistaciaceae not upheld.
- TERRELL, E.E. 1991. *Overview and annotated list of North American species of Hedyotis, Houstonia, Oldenlandia (Rubiaceae), and related genera*. Phytologia 71: 212–243. — Key to genera, groups; annotated list of species with synonymy.
- THORNE, R.F. 1992. *An updated phylogenetic classification of the flowering plants*. Aliso 13: 365–389, illus. — Summary of lengthy future paper; family concept narrowed: 440 families; Angiosperms monophyletic, but monocots and dicots, and most superorders have diverged early from long extinct protoangiospermous ancestors. To draw one superorder or other major taxon from another extant taxon would be a futile exercise.
- TIRVENGADUM, D.D. 1991. *Remarques sur le genre Pelagodendron et typification du genre Rhopalobrachium (Rubiaceae)*. Candollea 46: 251–254 (In French, Engl. summ.). — Pelagodendron 3 species, 2 new combination, expected for New Guinea.
- TJITROSOEDIRDJO, S.S. 1991. *Chromolaena odorata (L.) R.M. King & H. Robinson*. Weed Info Sheet 5: [1–4], illus. — Ecology, distribution, description, control (Compositae).
- TJITROSOEDIRDJO, S.S. 1991. *Lantana camara L.* Weed Info Sheet 7: [1–2], illus. — Distribution, description, control (Verbenaceae).
- TJITROSOEDIRDJO, S.S. 1991. *Melastoma affine Linn.* Weed Info Sheet 6: [1–2], illus. — Distribution, description, control (Melastomataceae).

- TOMLINSON, P.B., J.E. BRAGGINS & J.A. RATTENBURY. 1991. *Pollination drop in relation to cone morphology in Podocarpaceae: a novel reproductive mechanism.* Am. J. Bot. 78: 1289–1303, illus.
- TORRES, D.O. 1988. *Infestation of Chromolaena odorata R.M. King and H. Robinson in the Philippines and search for local insects as potential as biological control agents.* Weedwatcher 8 & 9: 12. — (Compositae).
- TURNER, H. 1992. *A revision of the orchid genera Ania Lindley, Hancockia Rolfe, Mischobulbum Schltr. and Tainia Blume.* Orch. Monogr. 6: 43–160, illus. — 33 taxa, 4 new species, 1 new combination; keys; synonymy, descriptions; index to collectors (Orchidaceae).
- TURNER, I. 1991. *A bibliography of recent dipterocarp literature.* Mata Kuching 3: 6–28.
- UMADEVI, I. & M. DANIEL. 1991. *Chemosystematics of the Sapindaceae.* Feddes Repert. 102: 607–612. — Aceraceae, Hippocastanaceae to be included; Radlkofer's intra-familial classification supported; separation of monotypic Dodoneoideae suggested; Filicium to be included in S.; Litchi and Nephelium distinct.
- UNIYAL, B.P. 1990. *Occurrence of Scleria (Cyperaceae) in Jammu & Kashmir.* J. Econ. Tax. Bot. 14: 710. — Description of S. annularis.
- VALDES-REYNA, J. & S.L. HATCH. 1991. *Lemma micromorphology in the Eragrostideae (Poaceae).* Sida 14: 531–549, illus. — Two subtribes proposed: Sporobolinae, Eleusininae.
- VANE-WRIGHT, R.I. 1991. *Transcending the Wallace Line: do the Western edges of the Australian region and the Australian plate coincide?* Aust. Syst. Bot. 4: 183–197, illus. — No; biogeography and geology of the Celebes region.
- VEEVERS, J.J. 1991. *Phanerozoic Australia in the changing configuration of Proto-Pangea through Gondwanaland and Pangea to the present dispersed continents.* Aust. Syst. Bot. 4: 1–11. — Also of importance to East Malesia.
- VELDKAMP, J.F. 1991. *Notes on Ericaceae from Papua New Guinea.* Blumea 36: 161–164. — 1 new species in Agapetes, Vaccinium; 1 Vaccinium variety raised to species; intersubsection hybrid in Rhododendron.
- VELDKAMP, J.F. 1991. *Papuacalia (Compositae), a new genus for the woody senecios of New Guinea.* Blumea 36: 165–178. — 14 taxa, 4 new, 10 new combinations; key; synonymy, descriptions; exx list.
- VELDKAMP, J.F. 1991. *Miscellaneous notes on Southeast Asian Gramineae. VI.* Blumea 36: 179–181. — Oryza, 1 new combination; Ischaemum ciliare re-instated; Polytrias, 1 new combination.

- *VERHEIJ, E.W.M. & R.O. CORONEL (Eds.). 1991. *Plant Resources of South-East Asia. 2. Edible fruits and nuts.* 447 pp, illus. Pudoc, Wageningen, The Netherlands. ISBN 90-220-0986-6. Hfl. 300.00 or US\$ 200.00 (excl. mailing). — Roughly defined as 'perennial species primarily grown for edible fruits or seeds eaten raw': 120 species more or less extensively, 275 minor species listed.
- *VERHEIJEN, J.A.J. 1990. *Dictionary of plant names in the Lesser Sunda Islands.* Pac. Ling. D, 83: iv, 267 pp, illus. ISBN 0-85883-399-9. Price unknown.
- VERMEULEN, J.J. 1991. *Een nieuwe Bulbophyllum soort uit Papua Nieuw Guinea.* Orchideën 53: 201–203, illus. (In Dutch, Engl. summ.). — (Orchidaceae).
- VERMEULEN, J.J. 1992. *Notes on two Bulbophyllum species (Orchidaceae) from New Guinea.* Blumea 36: 479–480. — 1 new; synonymy of *B. macranthoides*.
- VINCENT, P.L.D. & F.M. GETLIFFE. 1992. *Elucidative studies on the generic concept of Senecio (Asteraceae).* Bot. J. Linn. Soc. 108: 55–81, illus. — Although mainly based on South African species important for the genus as a whole.
- VOGEL, E.F. DE. 1992. *Revisions in Coelogyninae (Orchidaceae). IV. Coelogyne section Tomentosae.* Orch. Monogr. 6: 1–42, illus. — 24 species, 5 new; key; synonymy, descriptions, distribution; no index to collectors (Orchidaceae).
- WAGENITZ, G. 1992. *The Asteridae: evolution of a concept and its present status.* Ann. Missouri Bot. Gard. 79: 209–217. — Historical review.
- WANG, C. 1991. *Violaceae.* Fl. Reipubl. Pop. Sin. 51: 1–148, illus. (In Chinese). — 4 genera, 116 species.
- WANG, F.-H. & Z.-K. CHEN. 1990. *An outline of embryological characters of gymnosperms in relation to systematics and phylogeny.* Cathaya 2: 1–10.
- WANG, X.-Z. 1992. *Palaeopalynological evidence of phylogeny in Hamamelidaceae.* Acta Phytotax. Sin. 30: 137–145, illus. (In Chinese, Engl. summ.).
- WANNAN, J.C. & C.J. QUINN. 1992. *Floral structure and evolution in the Anacardiaceae.* Bot. J. Linn. Soc. 107: 349–385, illus. — Tribal classification artificial; Spondiadeae heterogeneous.
- WATERMAN, P.G. & E.N. MAHMOUD. 1991. *Chemical taxonomy of the Sapotaceae: patterns in the distribution of some simple phenolic compounds.* In T.D. Pennington, q.v.: 51–74, illus.
- WEBER, A. 1990 (1991?). *Phyllagathis praetermissa (Melastomataceae), a new species from Peninsular Malaysia.* Mal. Nat. J. 44: 21–28, illus.
- WEI, Y. 1991. *The classification and distribution of the genus Flemingia Roxb. ex Ait. in China.* Guihaia 11: 193–207, illus. (In Chinese, Engl. summ.). — 16 species; taxonomy, distribution; key, synonymy (Leguminosae).
- WELZEN, P.C. VAN. 1991. *The Malesian species of Sarcopteryx Radlk. (Sapindaceae).* Blumea 36: 87–103, illus. — 7 species, 3 new; key; synonymy, descriptions; exx list.

- WELZEN, P.C. VAN, P. PISKAUT & F.I. WINDADRI. 1992. *Lepidopetalum Blume* (*Sapindaceae*): taxonomy, phylogeny, and historical biogeography. *Blumea* 36: 439–465, illus. — 6 species, 1 new; cladistic analyses; key; synonymy, descriptions, notes; identification list.
- WENDEL, J.F. & V.A. ALBERT. 1992. Phylogenetics of the cotton genus (*Gossypium*): character-state weighted parsimony analysis and chloroplast-DNA restriction site data and its systematic and biogeographic implications. *Syst. Bot.* 17: 115–143, illus. — 3 major clades corresponding with continents (Malvaceae).
- WERFF, H. VAN DER. 1992. Proposal to conserve 2813 *Cryptocarya* against *Ravensara* (*Lauraceae*). *Taxon* 41: 129–130.
- WESTON, P.H. & M.D. CRISP. 1991. *Alloxyton* (*Proteaceae*), a new genus from New Guinea and eastern Australia. *Telopea* 4: 497–507, illus. — Asian part of Oreocallis; 4 species (1 Malesian), 1 new; key; synonymy, descriptions.
- *WHITMORE, T.C., I.G.M. TANTRA & U. SUTISNA. 1990 ('1989'). *Tree flora of Indonesia. Check list for Kalimantan* (Part I, II.1, II.2). ix, 620 pp, illus. Forest Research & Development Centre, Gunung Batu, Bogor. No ISBN. Price unknown — For remarks, see Whitmore, Fl. Mal. Bull. 10, p. 350
- *WHITMORE, T.C., I.G.M. TANTRA & U. SUTISNA. 1990 ('1989'). *Tree flora of Indonesia. Check list for Maluku*. ix, 186 pp, illus. Forest Research & Development Centre, Gunung Batu, Bogor. No ISBN. Price unknown.
- WILDE, W.J.J.O. DE. 1991. *Conspectus of Myristica* (*Myristicaceae*) in Australia, with the description of a new species from Queensland. *Blumea* 36: 183–190, illus. — Australia 3 species, 1 new; key; synonymy, descriptions.
- WILDE, W.J.J.O. DE. 1991. The genera of Myristicaceae as distinguished by their inflorescences, and the description of a new genus, *Bicuiba*. *Beitr. Biol. Pfl.* 66: 95–125, illus. — 2 different types; key to American genera.
- WILMOT-DEAR, C.M. 1991. *Mucuna hainanensis* Hayata subsp. *multilamellata* Wilmot-Dear: a new name for a long-known taxon (Leguminosae—Phaseoleae) and a key. *Kew Bull.* 46: 205–212, illus. — Key to Asian continental lamellate species.
- WILMOT-DEAR, C.M. 1991. A revision of *Mucuna* (Leguminosae – Phaseoleae) in the Philippines. *Kew Bull.* 46: 213–251, illus. — 13 species, 1 new; keys (flowers or fruits), synonymy, descriptions, distribution, collectors under taxa, unfortunately no overall list.
- WILMOT-DEAR, C.M. 1991. Proposal to reject the name *Citta nigricans* Lour. (Fabaceae) and all names based on it. *Taxon* 40: 517–520. — *Mucuna nigricans* auct. belongs to different species.
- WILSON, K.L. 1991. Cyperus haspan—spelling of the epithet. *Cyp. Newsł.* 9: 8. — 'Haspan', not 'halpan' (Cyperaceae).

- WILSON, K.L. 1991. *Systematic studies in Cyperus section Pinnati (Cyperaceae)*. *Telopea* 4: 361–496, illus. — 42 taxa (3 Malesian), 16 new, 1 new combination; keys, poly-clade; morphology, anatomy, phytochemistry, relationships; synonymy, descriptions, notes, selected representatives under species, no full collectors' list; index.
- *WONG, K.M. 1990. *In Brunei forests. An introduction to the plant life of Brunei Darussalam*. xi, 108 pp, col. pl. Borneo Natural Heritage series, Forest Department, Ministry of Industry and Primary Resources, Brunei Darussalam. Price unknown. — General introduction; beautifully illustrated with 30 full page drawings by Chan Chew Lun.
- WONG, K.M. 1992. *The Poring puzzle: Gigantochloa levis and a new species of Gigantochloa (Gramineae: Bambusoideae) from Peninsular Malaysia*. *Sandakania* 1: 15–21, illus. — *G. levis* of Peninsular Malaysia is an undescribed species.
- WONG, K.M. 1992. *Racemobambos pairinii (Gramineae: Bambusoideae), a new species of bamboo from Sabah, Malaysia*. *Sandakania* 1: 1–6, illus.
- WOODROFFE, C.D. & J. GRINDROD. 1991. *Mangrove biogeography: the role of Quaternary environmental and sea-level change*. *J. Biogeogr.* 18: 479–492, illus.
- WU, Z. 1991. *Analysis of several systems of Ulmaceae*. *J. S. China Agric. Univ.* 12/3: 33–37 (In Chinese, Engl. summ.). — 3 subfamilies accepted.
- XIA, N. 1991. *Schizostachyum jaculans Holttum, a newly recorded of Chinese bamboo*. *Acta Bot. Austro Sin.* 7: 221. (In Chinese).
- YAMAZAKI, T. 1991. *On Justicia procumbens and J. hayatae Yamamoto*. *J. Jap. Bot.* 66: 369–373, illus. (In Japanese, Engl. summ.). — Presumed type of *J. procumbens* not that species, actual identity not clearly stated; var. *rikuensis* also Malesian; *J. hayatae* distinct; (Acanthaceae).
- YANG, A.T.Y., T.-C. HUANG & D.M. MOORE. 1991. *Additional remarks of Ranunculaceae in Taiwan (2) – a revision of Clematis grata Wall. complex*. *J. Taiwan Mus.* 44: 135–153, illus. — 3 taxa, 1 new, 1 in Luzon; key, descriptions.
- YANG, G. & S.-L. CHEN. 1990? *A synthetic taxonomic study on genus Lophatherum Brongn.* *Bull. Nanjing Bot. Gard.* 1988–1989: 14–20, illus. (In Chinese, Engl. summ.). — Review; 2 species., 2 varieties maintained.
- YOU, J., X.Z. SUN & H.Q. WANG. 1991. *A preliminary study on the polyploid series and cytogeography of *Najas* graminea*. *Acta Phytotax. Sin.* 29: 230–234, ill (In Chinese, Engl. summ.). — $2n = 12$ in Yunnan, no correlation between polyploidy (up to $17x$) and distribution (Najadaceae).
- ZHANG, Z.-Y. & A.-M. LU. 1989. *Pollen morphology of the subtribe Thladianthinae (Cucurbitaceae) and its taxonomic significance*. *Cathaya* 1: 23–36, illus. — 24 taxa studied; some correlation with gross morphology; key, descriptions.
- ZHOU, R.-H. & Z.-H. JIANG. 1990. *Chemical constituents of the Hamamelidae and their systematic significance*. *Cathaya* 2: 63–76, illus. — Closest to Rosidae, Moraceae link between Hamamelidae and Rosidae and Asteridae.