

XI. BIBLIOGRAPHY

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* Books have been marked with an asterisk.

BRYOPHYTES

- BERNARD, S. & R. DE KONINCK. 1996. *The retreat of the forest in Southeast Asia: a cartographic assessment*. Singapore J. Trop. Geogr. 17: 1–14, illus. — 2 maps of 1970 and 1990 compared; ‘retreat’ euphemism for ‘destruction’.
- BHAT, R.B. 1996. *Leaf architecture and its taxonomic significance in the Sterculiaceae*. Bot. Jb. 118: 407–418, illus.
- BOPP, M. & I. CAPESIUS. 1996. *New aspects of bryophyte taxonomy provided by a molecular approach*. Bot. Acta 109: 368–372, illus. — Extant bryophytes separated into two groups not identical with mosses/liverworts.
- CROSBY, M.R. 1997. *Proposal to conserve the name Desmotheca (Musci)*. Taxon 46: 337–338.
- DAMANHURI, A. & R.E. LONGTON. 1996. *Towards a revision of the moss genus Taxithelium (Sematophyllaceae)*. Anal. Inst. Biol. Univ. Nac. Autón. México, Bot. 67: 35–58, illus.
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- ELLIS, L. 1997. *A new species of Calymperes (Musci: Calymperaceae) from Peninsular Malaysia*. Bull. Nat. Hist. Mus. London, Bot. 27: 7–9, illus.
- ENGEL, J.J. & G.L. SMITH MERRILL. 1997. *Austral Hepaticae. 22. The genus Balantiopsis in New Zealand, with observations on extraterritorial taxa and a phylogeny of Balantiopsis and the family Balantiopsaceae*. Fieldiana, Bot. n.s. 37: 1–62, illus. — 1 new subfam, tribe & sp, 7 new comb; key; synonymy, descriptions; some Malesian.
- FRAHM, J.-P. 1997. *Welche Funktion haben die Halocyten in den Blättern der Dicranaceae?* Cryptog., Bryol., Lichenol. 18: 235–242 (In German, English summ.). — Perhaps combination of different factors: dessication, evaporation, photosynthesis.
- FRAHM, J.-P., I. CAPESIUS & H. GEIGER. 1997. *Zur systematischen Position von Rhacocarpus Lindb. (Musci, Rhacocarpaceae)*. Nova Hedw. 64: 231–241, illus. (In German, English summ.). — Closely related to Hedwigiaeae in Orthotrichales.
- HE, S. 1997. *A revision of Homalia (Musci: Neckeraceae)*. J. Hattori Bot. Lab. 81: 1–552, illus. — 6 taxa, none Malesian; 3 comb nov, e.g. H. arcuata = Taxiphyllum arcuatum; H. pusilla = Neckera besseri.
- HE, X.-L. 1997. *Type studies on Pycnolejeunea (Lejeuneaceae, Hepaticae), IV*. Ann. Bot. Fenn. 34: 65–74, illus. — Description, systematic position of Lejeunea novo-guineensis.

- HE, X.-L. 1997. *Type studies on Pycnolejeunea (Lejeuneaceae, Hepaticae). V. On the identity of Pycnolejeunea spinistipulata Muzut. and Lepidolejeunea queenslandica Thiers.* Ann. Bot. Fenn. 34: 127–132, illus. — The first to Lepidolejeunea, the latter to Rectolejeunea.
- HEDENÄS, L. 1996. *A cladistic evaluation of relationships between the Hookeriales, the Sematophyllaceae and some other taxa.* Lindbergia 21: 49–82, illus. — Callicostaceae, Hypopterygiaceae, Pterobryaceae-Garovaglioideae, Ptychomniaceae.
- HEDENÄS, L. 1996. *A cladistic overview of the 'Hookeriales'.* Lindbergia 21: 107–3, illus. — Three clades corresponding with Callicostaceae, Leucomiaceae, Hookeriaceae; Daltoniaceae in Hookeriaceae, perhaps Hypopterygiaceae also.
- HIGUCHI, M. 1996. *A checklist of the mosses of Vanuatu.* Bull. Nat. Sc. Mus., Tokyo B, 22: 113–134, illus. — 236 taxa.
- HOFMANN, H. 1997. *A monograph of the genus Palamocladium (Brachytheciaceae, Musci).* Lindbergia 22: 3–20, illus. — 3 spp, 1 Malesian; key; synonymy, descriptions, notes.
- KOPONEN, T. 1996. *Notes on Philonotis (Bartramiaceae, Musci). I. Status and distribution of Philonotis falcata (Hook.) Mitt.* Arctoa 6: 113–117, illus. — Compared to Ph. fontana, Ph. calcarea.
- KOPONEN, T. & D.H. NORRIS. 1996. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. LVII. Fleischerbryum and Philonotis (Bartramiaceae, Musci).* Acta Bot. Fenn. 156: 1–22, illus. — Keys, synonymy, descriptions, notes.
- KOPONEN, T. & D.H. NORRIS. 1996. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. LVIII. Hypnodendron (Hypnodenraceae, Musci).* Acta Bot. Fenn. 156: 23–48, illus. — 11 spp; key, synonymy, descriptions, notes.
- OCHYRA, R. 1996. *The southernmost locality of Limprichtia revolvens (Musci, Amblystegiaceae).* Fragm. Flor. Geobot. Ann. 41: 1014–1016, illus. — S. Georgia.
- O'SHEA, B.J., J. EGGERS, R.A. PURSELL, P. SOLLMAN & C.R. STEVENSON. 1997. *New bryophyte taxon records for tropical countries.* Trop. Bryol. 13: 182. — Schiffnera hyalina in Celebes.
- PÓCS, T. 1996 *Epiphyllous liverwort diversity at worldwide level and its threat and conservation.* Anal. Inst. Biol. Univ. Nac. Autón. México, Bot. 67: 109–127, illus. — Distributional analysis using a databank with 1000 spp; Malesia richest.
- PÓCS, T. 1997. *New or little known epiphyllous liverworts. VI. Papillolejeunea gen. nov. from Papua New Guinea.* Trop. Bryol. 13: 1–18, illus. — 2 sect, 4 sp. nov.
- RAMSAY, H.P. & J.R. SPENCE. 1996. *Chromosome data on Australasian Bryaceae.* J. Hattori Bot. Lab. 80: 251–270, illus. — E.g. Rhodobryum ($n = 10$).
- REESE, W.D. 1996. *Two notes on Syrrhopodon (Musci: Calymperaceae) of Borneo: 1. S. mamillosus new to Borneo. 2. Another find of S. meijeri.* Bryologist 9: 326–327.

- REESE, W.D. 1997. *Identity and lectotypification of Orthotrichum undulatum (Orthotrichaceae, Musci)*. *Taxon* 46: 249–252. — = *Macromitrium incurvifolium*.
- SCHUSTER, R.M. 1996. *On Olgantha Schust., gen. n. Isophylly and evolution of Jungermanniales*. *Nova Hedw.* 64: 529–543, illus. — *Olgantha* very close to prototype of Jungermanniales; key to relevant Herbertineae families and genera.
- SCHUSTER, R.M. 1996. *Studies on Antipodal Hepaticae. XII. Gymnomitriaceae*. *J. Hattori Bot. Lab.* 80: 1–147, illus. — 6 new gen in 4 subfam; several new spp.
- SO, M.L. & R.L. ZHU. 1997. *Cylindrocolea tagawae* (Kitag.) Schust. and *Plagiochila tibodensis* Schiffn., newly found in Hong Kong. *Lindbergia* 22: 47–48, illus.
- SRIVASTAVA, S.C. & R. DIXIT. 1996. *The genus Cyathodium*. *J. Hattori Bot. Lab.* 80: 149–215, illus. — Revision; 11 spp (4 Malesian) in 2 new subgen; history; morphology; keys; synonymy; descriptions.
- STONE, I.G. 1996. *A revision of Ephemeraeae in Australia*. *J. Bryol.* 19: 279–295, illus. — Apparently no Malesian taxa.
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- TANGNEY, R.S. 1997. *A generic revision of the Lembophyllaceae*. *J. Hattori Bot. Lab.* 81: 123–153, illus. — 5 genera, 2 new sect; history, delimitation, affinities; key; synonymy, descriptions; *Falaciella* Crum was validly published; 1 new comb.
- TANGNEY, R.S. 1997. *A taxonomic revision of the genus Camptochaete Reichdt., Lembophyllaceae (Musci)*. *J. Hattori Bot. Lab.* 81: 53–121, illus. — 2 sect, 11 taxa, 3 new; morphology; key; synonymy, descriptions, notes.
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- VANA, J. 1996. *Notes on the Jungermanniineae of the world*. *Anal. Inst. Biol. Univ. Nac. Autón. México, Bot.* 67: 99–107, illus.
- VIRTANEN, V. 1996. *Bryophyte flora of the Huon Peninsula, Papua New Guinea. LIX. Breutelia (Bartramiaceae, Musci)*. *Acta Bot. Fenn.* 156: 49–62, illus. — 6 spp, one new; key, synonymy, descriptions, notes.
- WITHEY, A. 1996. *Phylogenetic studies of the Spiridentaceae (Musci): Observations of three morphological characters associated with pleurocarpy*. *Anal. Inst. Biol. Univ. Nac. Autón. México, Bot.* 67: 5–14, illus. — Cladistic analysis of rbcL sequences; family independent of other pleurocarps; Bryales paraphyletic.

ZANDER, R.H. 1996. *Conservation of evolutionary diversity in Pottiaceae (Musci)*. Anal. Inst. Biol. Univ. Nac. Autón. México, Bot. 67: 89–97, illus. — Cladistic analysis.

ZANTEN, B.O. VAN & W.D. MARGADANT. 1997. *Proposal to conserve the name Dawsonia superba (Musci, Dawsoniaceae)*. Taxon 46: 547–549.

PTERIDOPHYTES

BALGOOY, M.M.J. VAN, P.H. HOVENKAMP & P.C. VAN WELZEN. 1996. *Phytogeography of the Pacific – floristic and historical distribution patterns in plants*. — Polypodioids, see below in general subchapter.

BEAMAN, R.S. & J.H. BEAMAN. 1997. *Distribution and diversity patterns in the pteridophytes of Mount Kinabalu: an application of geographical information system (GIS) technology*. In: R.J. Johns (Ed.), Holttum Memorial volume: 161–171, illus.

CARLQUIST, S. & E.L. SCHNEIDER. 1997. *SEM studies on vessels in ferns. 2. Pteridium*. Amer. J. Bot. 84: 581–587, illus.

CHRISTENSEN, H. 1997. *Uses of ferns in two indigenous communities in Sarawak, Malaysia*. In: R.J. Johns (Ed.), Holttum Memorial volume: 177–192, illus.

DUBUISSON, J.-Y. 1997. *Systematic relationships within the genus Trichomanes sensu lato (Hymenophyllaceae, Filicopsida): cladistic analysis based on anatomical and morphological data*. Bot. J. Linn. Soc. 123: 265–296, illus. — Morton's four subgenera broadly confirmed.

GASTONY, G.J. & M.C. UNGERER. 1997. *Molecular systematics and a revised taxonomy of the onocleoid ferns (Dryopteridaceae: Onocleae)*. Amer. J. Bot. 84: 840–849, illus. (See also p. 163).

IRUDAYARAJ, V., S.D. RAJKUMAR & V.S. MANICKAM. 1995. *Studies on intraspecific variations in South Indian ferns. V. On the occurrence of intermediary fronds in Leptochilus Kaulf. and Bolbitis Schott*. Acta Bot. Ind. 23: 285–287, illus.

*JOHNS, R.J. (Ed.). 1997. *Memorial volume. Published to commemorate the centenary of the birth of Professor R.E. Holttum, 1895–1995*. viii, 272 pp, illus. Royal Botanic Gardens, Kew. ISBN 1-900347-17-2. — Papers on ferns.

KATO, M. 1996. *Taxonomic studies of pteridophytes of Amboin and Seram (Moluccas) collected by Indonesian-Japanese botanical expeditions. X. Dennstaedtiaceae, Vittariaceae, and Tectarioideae (Dryopteridaceae)*. Acta Phytotax. Geobot. 47: 61–90, illus. — New taxa in Antrophytum, Ctenitis, Histiopteris, Tectaria; partial keys, synonymy notes

KRANZ, H.D. & V.A.R. HUSS. 1996. *Molecular evolution of pteridophytes and their relationship to seed plants: evidence from complete 18S rRNA gene sequences*. Pl. Syst. Evol. 202: 1–11, illus.

- LEENA, K.R. & P.V. MADHUSOODANAN. 1996. *The genus Macrothelypteris (Thelypteridaceae) in South India*. J. Econ. Tax. Bot. 20: 423–428, illus. — 2 spp; key; synonym, descriptions.
- LELLINGER, D.B. & W.C. TAYLOR. 1997. *A classification of spore ornamentation in the Pteridophyta*. In: R.J. Johns (Ed.), Holttum Memorial volume: 33–42, illus. — With key to the types.
- NIKLAS, W. & P. KENRICK. 1996. *Phylogeny of Lycopodiaceae (Lycopsida) and the relationship of Phylloglossum drummondii Kunze based on rbcL sequences*. Amer. J. Bot. 84, Suppl.: 169 (abstract).
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- PRADO, J. 1996. *A survey of types in Pteris L.* Bradea 8: 11–20. — With indication of the herbaria where to be found.
- RÖDL-LINDER, G. & H.P. NOOTEBOOM. 1997. *Notes on Davalliaceae III*. In: R.J. Johns (Ed.), Holttum Memorial volume: 67–79, illus. — Spores; 4 genera accepted.
- ROLLERI, C., M.C. LAVALLE, A. MENGASCINI & M. RODRÍGUEZ. 1996. *Spore morphology and systematics of the genus Christensenia*. Amer. Fern J. 86: 80–88, illus. — Key.
- SANCHEZ-BARACALDO, P. 1997. *A phylogenetic analysis of the fern subfamily Taeniodioideae. Pteridaceae*. Amer. J. Bot. 84, Suppl.: 166 (abstract).
- SETYAWATI, T. & JUMARI. 1996. *A revision of Vittaria (Vittariaceae) in Borneo*. In: D. Darnaedi (Ed.), The Fifth Regional Training Course ... : 49–55, illus. — 6 spp; key; synonymy, descriptions, notes.
- SHING, K.-H. & K. IWATSUKI. 1997. *On the fern genus Pyrrosia Mirbel (Polypodiaceae) in Asia and adjacent Oceania (1)*. J. Jap. Bot. 72: 19–35. — 64 spp, 3 new (2 inval.); excl. Drymoglossum, Saxiglossum; concept narrower than by Hovenkamp; keys (subg. Niphobolus sphalma for Niphopsis?); synonymy, notes.
- SHING, K.-H. & K. IWATSUKI. 1997. *On the fern genus Pyrrosia Mirbel (Polypodiaceae) in Asia and adjacent Oceania (2)*. J. Jap. Bot. 72: 72–88, illus. — Various notes.
- * SORNSAMRAN, R. & O. THAITONG. 1995. *Bryophytes of Thailand*. 234 pp, illus. Office of Environmental Policy and Planning, Bangkok. ISBN 974-7978-69-5. — Compilation from 24 papers; systematically arranged; index.
- STEIN, D.B., D.S. CONANT & A.E.C. VALINSKI. 1997. *The implications of chloroplast DNA restriction site variation on the classification and phylogeny of the Cyatheaceae*. In: R.J. Johns (Ed.), Holttum Memorial volume: 235–254, illus. — New World species studied; three main lineages: Alsophila, Cyathea, Sphaeropteris.

- TAKIGUCHI, Y., R. IMAICHI & M. KATO. 1997. *Cell division patterns in the apices of subterranean axis and aerial shoot of Psilotum nudum (Psilotaceae): morphological and phylogenetic implications for the subterranean axis.* Amer. J. Bot. 84: 588–596, illus.
- THERRIEN, J.P. & C.H. HAUFLER. 1996. *Evolution and diversification of the Selaginellaceae.* Amer. J. Bot. 84, Suppl.: 168 (abstract).
- UFFELEN, G. VAN. 1997. *The spore wall in Polypodiaceae: development and evolution.* In: R.J. Johns (Ed.), Holttum Memorial volume: 95–117, illus. — Pyrrrosia and four other types.
- WAGNER, G.M. 1997. *Azolla: a review of its biology and utilization.* Bot. Rev. 63: 1–26. — Mainly on the Azolla/Anabaena symbiosis.
- WANG, Z.-R. 1997. *A subdivision of the family Athyriaceae Alston.* Acta Phytotaxon. Sin. 35: 32–36 (In Chinese, English summ.). — 3 subfam (2 new) recognized.
- WINDISCH, P.G. 1996. *Espécimens de Cuming na coleção de pteridófitas proveniente do herbário de Félix no Jardim Botânico do Rio de Janeiro.* Bradea 8: 1–4. — Also Malesian taxa.
- YU, S.-L. & Y.-X. LIN. 1996. *Research on the taxonomy of genus Lepisorus (Smith Ching in China).* Bull. Bot. Res., Harbin 16: 3–31 (In Chinese, English summ.). — Morphology, anatomy; 6 sect, 32 taxa; key; synonymy, diagnoses, notes.
- YU, S.-L. & Y.-X. LIN. 1997. *Comparative anatomy on the stipes and rhizomes of the fern genus Lepisorus.* Bull. Bot. Res., Harbin 17: 60–64, illus. (In Chinese, English summ.). — 60 spp of 6 sect studied.

SPERMATOPHYTES AND OTHER GENERAL SUBJECTS

- ABLETT, E.M., J. PLAYFORD & S. MILLS. 1997. *The use of rubisco DNA sequences to examine the systematic position of Hernandia albiflora (C.T. White) Kubitzki (Hernandiaceae), and relationships among the Laurales.* Austrobaileya 4: 601–607, illus. — Included in Hernandia; traditional phylogenies supported.
- ADAMS, L.G. 1996. *Gentianaceae.* Fl. Austr. 28: 72–104, 315, illus. — 1 new comb.
- ADEMA, F. 1996. *Notes on Malesian Fabaceae (Leguminosae–Papilionoideae).* Blumea 41: 463–468, illus. — Erythrina 6 spp; key.
- ADEMA, F. 1997. *Notes on Malesian Fabaceae (Leguminosae–Papilionoideae). 2. The genus Canavalia Adans.* Blumea 42: 249–253, illus. — Taxa compared; key.
- AKHANI, H., P. TRIMBORN & H. ZEIGLER. 1997. *Photosynthetic pathways in Chenopodiaceae from Africa, Asia and Europe with their ecological, phytogeographical and taxonomic importance.* Pl. Syst. Evol. 206: 187–221, illus. — Correlation between life form and pathways; also with infrageneric classification in Atriplex and Suaeda.

- ALURI, J.S.R. & C.S. REDDI. 1996. *Flower colour shifts and pollination in Lantana camara L. (Verbenaceae)*. J. Palynol. 31: 275–289, illus. — Only two floral types in India? (see Munir, 1996!); often occurring together flowering simultaneously; pollination by butterflies and thrips, which only visit flowers before they turn red.
- ANDERSSON, L. 1996. *Circumscription of the tribe Isertieae (Rubiaceae)*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 139–164, illus. — Raphidiate genera (e.g. Mycetia) to Rubioideae; Mycteria close to Hedyotideae?; Lecananthus near Schradereae; two major clades, one represented by Sabiceeae.
- ANDREASEN, K & B. BREMER. 1996. *Phylogeny of the subfamily Ixoroideae (Rubiaceae)*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 119–138, illus. — Vanguerieae to be included; Ixora basal; Coffeeae, Octropideae, Pavetteae with modified delimitation monophyletic; Gardenieae restricted, an advanced tribe.
- ARCHER, R.H. & A.E. VAN WYK. 1997. *A taxonomic revision of Cassine L. s. str. (Cassinoideae: Celastraceae)*. S. Afr. J. Bot. 63: 146–157, illus. — Reduced to 3 spp, endemic to S. Africa; the Malesian spp to Elaeodendron.
- ARDITTI, J. & A.D. KRIKORIAN. 1996. *Orchid micropropagation: the path from laboratory to commercialization and an account of several unappreciated investigators*. Bot. J. Linn. Soc. 122: 183–241, illus.
- ARIFIANI, D. & R. ZAKARIA. 1996. *A revision of Endiandra R. Br. (Lauraceae) in Celebes*. In: D. Darnaedi (Ed.), The Fifth Regional Training Course ... : 64–73, illus. — 3 spp; key; synonymy, descriptions, notes.
- ASMUSSEN, C.B. & J.J. DOYLE. 1996. *The rpl16 intron as potential genetic marker within the palm family (Arecaceae)*. Amer. J. Bot. 84, Suppl.: 174 (abstract).
- ATKINS, S. 1997. *Two new species of Callicarpa (Verbenaceae) from Brunei*. Kew Bull. 52: 227–230, illus.
- ATLURI, J.B., K.R. DEVI & C.S. REDDI. 1996. *Pollen flow in Zizyphus oenoplia Mill. (Rhamnaceae)*. J. Palynol. 31: 261–274, illus. — In an inflorescence first 3 flowers bisexual, the others usually male, less bisexual; strong protandry; some plants flower in the morning, others in the afternoon; pollination between these types most successful.
- AUSTIN, D.F. & S. DEMISSEW. 1997. *Unique fruits and generic status of Stictocardia (Convolvulaceae)*. Kew Bull. 52: 161–169, illus. — Genus distinct; synopsis of species.
- AXELIUS, B. 1992. *Testa patterns in some species of Physalis L. and some other genera in the tribe Solaneae (Solanaceae)*. Intern. J. Pl. Sc. 153: 488–502, illus.
- BACIGALUPO, N.M. & E.L. CABRAL. 1996. *Infrageneric classification of Borreria (Rubiaceae–Spermacoceae) on the basis of American species*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 297–308, illus. — 2 subg, 1 new, 1 new subsect, 2 new series; Diodia p.p., Hemidiodia reduced.

- BACKLUND, A. 1996. *Phylogeny of the Dipsacales*. Compr. Summ. Uppsala Diss. Fac. Sc. Techn. 243: 33 + 16 + 27 + 79 + 13 pp, illus. — Compilation of introduction and 5 papers, part of which are to be published elsewhere as well; cladistic analysis based on morphological, anatomical, phytochemical, palynological, and molecular (rbcL) data; sister to Apiales in Asteridae s.s.; origin c. 70 My in SE Asia (China); consists of Adoxaceae (incl. Sambucus, Viburnum), Bruniaceae, Columelliaceae (incl. Desfontainia), Caprifoliaceae s.s. and 2 unnamed clades, Dipsacaceae, Morinaceae, Valerianaceae (incl. Triplostegioideae, stat. nov, see below).
- BACKLUND, A. & S. NILSSON. 1997. *Pollen morphology and the systematic position of Triplostegia (Dipsacales)*. Taxon 46: 21–31, illus. — Valerianaceae–Triplostegioideae supported.
- BACON, C.W. & N.S. HILL. 1996. *Symptomless grass endophytes: products of co-evolutionary symbioses and their role in the ecological adaptations of grasses*. In: S.C. Redlin & L.M. Carris, *Endophytic fungi in grasses and woody plants*: 155–178, illus. — Acremonium (aff. Clavicipitaceae) and Gramineae–Pooideae; Festuca is NOT a primitive grass! (See also A.D. Wilson, 1996).
- BAHADUR, B., N.P. REDDY & N. RAMASWAMY. 1996. *Heterostyly and pollen dimorphism in Reinwardtia indica Dum. (Linaceae)*. J. Palynol. 32: 67–77, illus.
- BAHADUR, B., T. VENKATESHWARLU & N.P. REDDY. 1996. *Heterostyly & pollen dimorphism in Nyctanthes arbor-tristis L.* J. Palynol. 32: 51–58, illus. — Diheterostylous ('hitherto unknown').
- BAKER, W.J., C.B. ASMUSSEN, S. BARROW, J. DRANSFIELD & T.A. HEDDERSON. 1996. *A molecular phylogeny of the palm family (Arecaceae) based on chloroplast DNA sequence data*. Amer. J. Bot. 84, Suppl.: 176 (abstract).
- BAKER, W.J., J. DRANSFIELD & T.A. HEDDERSON. 1996. *Systematics of calamoid palms*. Amer. J. Bot. 84, Suppl.: 176 (abstract).
- *BALGOOY, M.M.J. VAN. 1997. *Malesian seed plants. Volume 1 – Spot-characters. An aid for identification of families and genera*. 154 pp, illus. Rijksherbarium / Hortus Botanicus, Leiden, The Netherlands. ISBN 90-71236-31-5. NLG 50. — See Reviews.
- BALGOOY, M.M.J. VAN, P.H. HOVENKAMP & P.C. VAN WELZEN. 1996. *Phytogeography of the Pacific – floristic and historical distribution patterns in plants*. In: A. Keast & S.E. Miller, *Origin & Evolution of Pacific Islands biotas*: 191–213, illus. — 17 distribution patterns suggesting several floristic provinces, but without hierarchy; W Pacific mainly populated from SE Asia through New Guinea; correlation between endemism and plate tectonics, esp. mountain-building; polypodioids and Sapindaceae show two tracks of island hopping; oldest route from New Caledonia to Fiji.
- BANDYOPADHYAY, S. & B.D. SHARMA. 1994. *The identity of Phanera nicobarica (Leguminosae: Caesalpinoideae)*. J. Bomb. Nat. Hist. Soc. 91: 160–161. — = Phanera stipularis.

- BANKS, D.P. & D.I. SMEDLEY. 1997. *Dendrobium lawesii* F. Muell.—its history and notes on cultivation. Orchadian 12: 152–155, illus. — Orchidaceae.
- BÄNZIGER, H. 1989. *Lardizabalaceae: new plant family for Thailand 'predicted' by rare moth on Doi Suthep*. Nat. Hist. Bull. Siam Soc. 37: 187–208, illus. — Caterpillar of the fruit-piercing noctuid moth Adris okurai specific to Pavatia brunoniana; “can now be safely prognosticated also for peninsular Malaysia” (p. 205) on Gunung Hidjau.
- BÄNZIGER, H. 1991. *Stench and fragrance: unique pollination lure of Thailand's largest flower, Rafflesia kerrii Meijer*. Nat. Hist. Bull. Siam Soc. 39: 19–52, illus. — Also in Perak.
- BÄNZIGER, H. 1995. *Ecological, morphological and taxonomic studies on Thailand's fifth species of Rafflesiaceae: Rhizanthes zippelii (Blume) Spach*. Nat. Hist. Bull. Siam Soc. 43: 337–365, illus. — Extensive field studies suggest recognition of a single species.
- BÄNZIGER, H. 1996. *Pollination of a flowering oddity: Rhizanthes zippelii (Blume) Spach (Rafflesiaceae)*. Nat. Hist. Bull. Siam Soc. 44: 113–142, illus. — By female carrion flies.
- BARKER, R.M. 1996. *Additional species, new combinations and other notes on Acanthaceae of Australia*. J. Adelaide Bot. Gard. 17: 137–152, illus. — Some also Malesian: Thunbergia grandiflora; delimitation Ruellia, keys; Calophanoides = Harnieria; Rhaphidospora platyphylla = Rh. cavernarum.
- BARLOW, B.A. 1996. *Loranthaceae*. Fl. Nouv.-Caléd. 20: 75–91, illus. — 2 gen, 3 spp.
- BARLOW, B.A. 1996. *New Malesian species of Viscaceae*. Blumea 41: 339–345, illus. — Ginalloa flagellaris for G. arnottiana sensu Danser; Viscum exile; V. scurruloides for Ginalloa falcata, non V. falcatum.
- BARLOW, B.A. 1996. *Viscaceae*. Fl. Nouv.-Caléd. 20: 92–99. — Korthalsella, 2 spp.
- BARNESKY, A.L. & T.G. LAMMERS. 1997. *Revision of the endemic Asian genus Peracarpa (Campanulaceae: Campanuloideae) via numerical phenetics*. Bot. Bull. Acad. Sin. 38: 49–56, illus. — 1 indivisible species.
- BARTHOLOMEW, B., D.H. NICOLSON & B. NORDENSTAM. 1997. *Author citation of Thunberg's new species in Murray's Systema vegetabilium, ed. 14*. Taxon 46: 311–314. — ‘Thunb.’, or ‘Thunb. in Murray’, not ‘Thunb. ex Murray’.
- BASTMEIJER, J.D. & B.E.E. DUYFJES. 1996. *Zwei Cryptocorynen aus dem Gunung-Leuser-Nationalpark (Sumatra, Indonesien). 1. Teil. Cryptocoryne minima Ridley*. Aqua-Planta 21: 136–142, illus. (In German). — History, synonymy, description; C. amicorum, C. gasseri, C. zewaldiae reduced (Araceae).
- BASTMEIJER, J.D. & B.E.E. DUYFJES. 1997. *Zwei Cryptocorynen aus dem Gunung-Leuser-Nationalpark (Sumatra, Indonesien). 2. Teil. Cryptocoryne moehlmannii de Wit*. Aqua-Planta 22: 43–50, illus. (In German).

- BEAN, A.R. 1997. *Reinstatement of the genus Babingtonia Lindl. (Myrtaceae, Leptospermoideae)*. Austrobaileya 4: 627–645, illus. — Ex Baeckea s.l.; 16 spp, some Malesian, 5 new, 9 new comb; keys to related genera, species; synonymy, descriptions for new taxa only.
- BEAN, A.R. 1997. *A revision of Rubus subg. Idaeobatus (Focke) Focke (Rosaceae) in Australia*. Austrobaileya 4: 677–689, illus. — 5 spp, 3 Malesian, R. probus new record for New Guinea, 1 new; key; synonymy, description; curious distribution of R. parvifolius: SE Australia, SE Asia, not Malesian.
- BEAVITT, P., E. KURUI & G. THOMPSON. 1996. *Confirmation of an early date for the presence of rice in Borneo: preliminary evidence for possible Bidayuh / Asian links*. Borneo Res. Bull. 27: 29–37, illus. — Date of 2300 B.C. confirmed, oldest record for Malesia, much earlier than the c. 1500 A.D. previously thought.
- BEEVY, S.S. & P. KURIACHAN. 1996. *Pollen morphology and taxonomy of the genus Trichosanthes (Cucurbitaceae)*. J. Palynol. 32: 21–27, illus. — 5 Indian spp; relation pollen size and ploidy; key.
- BERGEN, M.A. VAN & W. SNOEIJER. 1996. *Catharanthus G. Don – The Madagascar periwinkle and related species*. Wageningen Agric. Univ. Papers 96/3: 1–120, illus. — Combination of two papers: M.A. van Bergen: Revision of Catharanthus G. Don. Series of revisions of Apocynaceae. XLI (p. 1–46): 8 spp; key; synonymy, descriptions; W. Snoeijer: Catharanthus roseus, the Madagascar periwinkle, a review of its cultivars (p. 47–120).
- BEWLY, K.S., J. SINGH & S.V.S. CHAUHAN. 1996. *Studies on pollen morphology of some Bignoniaceae*. J. Palynol. 31: 137–149, illus. — Limited study suggesting disagreement between pollen types and present generic delimitation.
- BHASKAR, V. & C.G. KUSHALAPPA. 1992 ('1991'). *Stylium tenellum Swartz (Styliaceae) — A new record for South India*. J. Bomb. Nat. Hist. Soc. 88: 465–466.
- BHATTI, G.R. & M.J. INGROUILLE. 1996. *Relationships of subfamily Pogostemonoidae revealed by stamen characters*. Lamiales Newsl. 4: 8–10, illus. — Best restricted to Pogostemon.
- BLACKBURN, T.M. & K.J. GASTON. 1996. *A sideways look at patterns in species richness, or why there are so few species outside the tropics*. Biodiv. Lett. 3: 44–53, illus. — No solution; equally valid is the question "Why are there so few species outside of the tropics?"; it is unlikely that a single cause for richness gradients can be identified.
- BOCK, I. & M. SPECKMAIER. 1997. *Dendrobium rigidum R. Br. 1810*. Orchideenkar-tei, Orchidee 48: 855–856, illus. (In German). — Description, variability, cultivation, notes.
- BOESEWINKEL, F.D. 1997. *Seed structure and phylogenetic relationships of the Geraniales*. Bot. Jb. 119: 277–291, illus. — Restricted to Geraniaceae s.s.

- BOGLER, D.J. & B.B. SIMPSON. 1996. *Phylogeny of Agavaceae based on its rDNA sequence variation*. Amer. J. Bot. 83: 1225–1235, illus. — Split into three: Dracaenaceae supported.
- BOSSER, J. 1997. *Identité de Aristolochia acuminata Lam. et de A. tagala Cham. (Aristolochiaceae)*. Adansonia III, 19: 169–170 (In French, English summ.). — A. acuminata correct.
- BREMER, B. 1996. *Combined and separate analyses of morphological and molecular data in the plant family Rubiaceae*. Cladistics 12: 21–40, illus. — Position of Vanguerieae uncertain.
- BREMER, B. 1996. *Phylogenetic studies within Rubiaceae and relationships to other families based on molecular data*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 33–50, illus. — Rubiaceae monophyletic; sister group to rest of Gentianales; 3 main clades corresponding with existing subfamilies, but not Antirheoideae (see also Rova et al., 1996; Young et al., 1996); Hedyotidae reduced to Spermacoceae.
- BRIEGER, F.G., R. MAATSCH & K. SENGHAS. 1996. *Die Orchideen*. Band I/C, 32 Lief., Bogen 124–128: 1977–2056, illus. — Notyliinae to Trichopiliinae (Orchidaceae).
- BRUMMITT, R.K. 1996. *Report of the Committee for Spermatophyta: 44*. Taxon 45: 671–681. — Support for rejection of Alyxia glaucescens, Cassia chamaecrista, Hypericum chinense (H. japonicum to be attributed to Thunb., not Thunb. ex Murr., cf. Art. 46.2), Laurus sumatrensis, support for conservation of Ammannia octandra, Oreodoxa regia.
- BRUMMITT, R.K. 1997. *Report of the Committee for Spermatophyta: 45*. Taxon 46: 323–328. — Unanimous rejection of a proposed Code of Bionomenclature, with which I heartily concur.
- BRUNEAU, A. 1996. *Phylogenetic and biogeographical patterns in Erythrina (Leguminosae: Phaseoleae) as inferred from morphological and chloroplast DNA characters*. Syst. Bot. 21: 587–605, illus. — Origin in South America in early Tertiary.
- BUDANTSEV, A.L. & T.A. LOBOVA. 1997. *Fruit morphology, anatomy and taxonomy of tribe Nepeteae (Labiatae)*. Edinburgh J. Bot. 54: 183–216, illus.
- BUDI, A.S. 1996. *Taxonomic classification of family Sapotaceae from the Asia-Pacific region*. Rec. Adv. Wood Anat.: 11–13, illus. — Wood characters, abstract.
- BUOT Jr., I.E., S. OKITSU & N.O. AGUILAR. 1997. *An interpretation of the present range of distribution and dispersal of Ochromia oppositifolia (Lam.) K. Schum. (Apocynaceae) in the Philippine beach forest*. Techn. Bull. Fac. Hort., Chiba Univ. 51: 119–125, illus.
- BURTON, C.M. 1996. *Hoya mindorensis*. Hoyan 18: 19–24, illus. — On p. 28–29 note and topotype of H. lutea (Asclepiadaceae).

- BURTON, C.M. 1996. *A tentative alternative arrangement of Hoya sections*. Hoyan 18/2: 8–13, illus. — 2 new; in a postscript it is stated that all new sections and combinations are ‘tentative’, i.e., not accepted by the author (Asclepiadaceae).
- BURTON, C.M. 1997. *Hoya padangensis* Schltr. Hoyan 18: 67–70, illus. — (Asclepiadaceae).
- BURTT, B.L. 1997. *Old World Gesneriaceae*. Edinburgh J. Bot. 54: 85–90. — Epi-themateae replaces Klugieae.
- BURTT, B.L. 1997. *Pseuderanthemum roseum again*. Edinburgh J. Bot. 54: 253–254. — = Streblacanthus roseus (incl. S. amoenus) (Acanthaceae).
- CABRAL, E.L. & N.M. BACIGALUPO. 1996. *Revision of Borreria section Pseudodiodia (Rubiaceae–Spermacoceae)*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 309–327, illus. — 6 spp, 1 Malesian; key; synonymy, descriptions, notes.
- CANTRILL, D.J. 1992. *Araucarian foliage from the Lower Cretaceous of Southern Victoria, Australia*. Intern. J. Pl. Sc. 153: 622–645, illus. — 6 new spp with affinities to extant sections.
- CARLQUIST, S. 1996. *Wood and bark anatomy of lianoid Indomalesian and Asiatic species of Gnetum*. Bot. J. Linn. Soc. 121: 1–24, illus.
- CARLQUIST, S. 1996. *Wood, bark, and stem anatomy of Gnetales: a summary*. Intern. J. Pl. Sc. 157, Suppl.: 58–76, illus.
- CARLQUIST, S. 1997. *Pentaphragma: a unique wood and its significance*. IAWA J. 18: 3–12, illus. — Pentaphragmataceae supported; vessels and fibre-tracheids primitive; herbaceousness primitive in Campanulales?
- CARLQUIST, S. 1997. *Wood anatomy of the Buddlejaceae*. Aliso 15: 41–56, illus. — Position in Lamiales supported.
- CARLQUIST, S. & C.J. DONALD. 1996. *Wood anatomy of Limnanthaceae and Tropaeolaceae in relation to habit and phylogeny*. Sida 17: 333–342, illus. — Inclusion in Capparales supported.
- CARLQUIST, S. & E.L. SCHNEIDER. 1997. *Origins and nature of vessels in Monocots. I. Acorus*. Intern. J. Pl. Sc. 158: 51–56, illus. — Vessels primitive, compatible with suggestion that Acorus might be sister to the monocots: Acoraceae.
- CARLSWARD, B.S., W.L. STERN, W.S. JUDD & T.W. LUCANSKY. 1997. *Comparative leaf anatomy and systematics in Dendrobium, sections Aporum and Rhizobium (Orchidaceae)*. Int. J. Pl. Sc. 158: 332–342, illus.
- CARTER, R., R.L. MEARS, K.C. BURKS & C.T. BRYSON. 1996. *A report of four exotic Cyperus (Cyperaceae) species new to Florida, U.S.A.* Sida 17: 275–281, illus. — Cyperus alopecuroides, C. distans, C. prolifer, C. sphacelatus.
- CELLINESE, N. 1997. *A new Sonerila (Melastomataceae) from Central Kalimantan, Borneo*. Novon 7: 103–105, illus.

- CHAN, H.T. 1996. *A note on the discovery of Rhizophora × amarckii in Peninsular Malaysia.* J. Trop. For. Sc. 9: 128–130, illus. — Rh. apiculata × Rh. stylosa; on Pulau Burung on W coast; compared to parents (Rhizophoraceae).
- CHANTARANOTHAI, P. 1996. *Pouteria malaccensis (Sapotaceae), new to Thailand.* Phytologia 80: 140–141. — Ranong, Klong Na Ka Wildlife Sanctuary.
- CHATURVEDI, S. K. 1996. *Floral biology of some asclepiads: an overview.* J. Palynol. 31: 239–251, illus. — Self-pollination observed in several species of 'advanced' genera.
- CHAW, S.-M., H. LONG, W.-L. HSU & G.M.-Y. CHIANG. 1996. *Subdivision and intergeneric relationships of the Pinaceae inferred from nuclear 18S ribosomal RNA sequences.* Amer. J. Bot. 84, Suppl.: 182 (abstract).
- CHEN, L., H. FISCHER & U. JENSEN. 1997. *Accumulation of seed storage proteins and the taxonomy of Poaceae.* Pl. Syst. Evol. 206: 243–257, illus. — Type of protein correlated with present taxonomy; Festuca/Lolium/Vulpia aberrant in Festuceae, more like Bromeae/Triticeae; important paper!
- CHEN, T. & Z.-Y. CHEN. 1996. *The geographical distribution of Styracaceae.* Bull. Bot. Res., Harbin 16: 57–66, illus. (In Chinese, English summ.).
- CHEN, Z. 1996. *The morphology and anatomy of Sonneratia Linn.f. in China.* J. Trop. & Subtrop. Bot. 4/2: 18–24, illus. (In Chinese, English summ.).
- CHOI, B.-H. & H. OHASHI. 1996. *Pollen morphology and taxonomy of Hedysarum and its related genera of the tribe Hedsareae (Leguminosae—Papilionoideae).* J. Jap. Bot. 71: 191–213, illus. — 3 types; 1 new subg.
- CHUA, K.S., B.C. SOONG & H.T.W. TAN. 1996. *The Bamboos of Singapore.* 71 pp, illus. International Plant Genetic Resources Institute, Regional Office of Asia Pacific and Oceanic, Singapore. ISBN 981-00-8302-5 (Available free from the publisher at ipgri-apo@cgnet.com).
- CHUNG, R.C.K. & A. LATIFF. 1996. *A new species record of Mastixia (Cornaceae) in Peninsular Malaysia.* J. Trop. For. Sc. 9: 271–275, illus. — Mastixia rostrata subsp. caudatifolia; key.
- CLARK, L.G., D. GROSSMAN & J.F. WENDEL. 1996. *Phylogenetic utility of indels and partial ndhF gene sequences in the Chloridoideae (Poaceae).* Amer. J. Bot. 84, Suppl.: 182 (abstract). — Division between Eragrostidae and Chloridae not supported.
- CLARK, L.G. & E.J. JUDZIEWICZ. 1996. *The grass subfamilies Anomochlooideae and Pharoideae (Poaceae).* Taxon 45: 641–645. — Pharoideae validated.
- CLASSEN-BOCKHOFF, R. 1996. *A survey of flower-like inflorescences in the Rubiaceae.* In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 329–367, illus. — Widespread, polyphyletic.

- CLEMENTS, M.A. & D.L. JONES. 1996. *Conspectus of Cymbidium (Orchidaceae) in Papua New Guinea with the description of a new species*. *Lasianthera* 1: 26–31, illus. — Key; synonymy, diagnoses.
- CLEMENTS, M.A. & D.L. JONES. 1996. *Crepidium myosotis, a new species of Orchidaceae from Papua New Guinea*. *Lasianthera* 1: 32–45, illus. — 43 (!) new comb in Crepidium, 6 in Dienia (incl. Gastroglossis) (most formerly in Fingardia, Malaxis and Microstylis).
- CLEMENTS, M.A. & D.L. JONES. 1996. *New species of Dendrobiinae (Orchidaceae) from Papua New Guinea*. *Lasianthera* 1: 8–25, illus. — Dendrobium (1), Dockrillia (6, 7 new comb), Grastidium (1 new comb).
- CLEMENTS, M.A. & D.L. JONES. 1996. *Paphiopedilum striatum (Orchidaceae), a new species from Papua New Guinea*. *Lasianthera* 1: 2–7, illus.
- CLEMENTS, M.A. & D.L. JONES. 1996. *Vanilla hirsuta (Orchidaceae), a new species from Papua New Guinea*. *Lasianthera* 1: 46–49, illus.
- COCHRANE, V. & M.C. PRESS. 1997. *Geographical distribution and aspects of the ecology of the hemiparasitic angiosperm Striga asiatica (L.) Kuntze: a herbarium study*. *J. Trop. Ecol.* 13: 371–380, illus.
- COMPTON, S.G., J.T. WIEBES & C.C. BERG. 1996. *Introduction: the biology of fig trees and their associated animals*. *J. Biogeogr.* 23: 405–407, illus. — Moraceae.
- CONN, B.J., E.A. BROWN & C.R. DUNLOP. 1996. *Loganiaceae*. *Fl. Austr.* 28: 1–72, 308–315, illus. — A number of new taxa and combinations in Mitrasacme and two new genera.
- CONNOR, H.E. 1996. *Breeding systems in Indomalesian Spinifex (Paniceae: Gramineae)*. *Blumea* 41: 445–454, illus. — Usually dioecious, sometimes trimonoecious, andromonoecious.
- CONRAN, J.G., V.G. JAUDZEMS & N.D. HALLAM. 1997. *Droseraceae germination patterns and their taxonomic significance*. *Bot. J. Linn. Soc.* 123: 211–223, illus. — Three patterns; Drosera sect. Drosera heterogeneous, D. indica aberrant.
- CONSAUL, L.L. 1996. *Preliminary studies on the evolution of genera and species in Polygonum s.l. (Polygonaceae) in North America*. *Amer. J. Bot.* 84, Suppl.: 184 (abstract). — Break-up of genus supported.
- *COODE, M.J.E., S.C. HINCHCLIFFE & J. MARSDEN. *Checklist of the flowering plants of N.E. Kepala Burung (Vogelkop), Irian Jaya, Indonesia*. — (n.v.).
- COOTES, J. 1996. *Bulbophyllum longiflorum Thouars – its distribution, colour variation and cultivation*. *Orchadian* 12: 108–111, illus. — Orchidaceae.
- COOTES, J. & D.P. BANKS. 1997. *Philippine Dendrochilums*. *Orchids Aug.* 1997: 800–807, illus. — Brief descriptions of 18 spp (Orchidaceae) (see also Pedersen, 1997)

- COWAN, R.S. 1996. *Notes on miscellaneous mimosoid legumes (Leguminosae: Mimosoideae) mostly Australian*. *Nuytsia* 11: 11–19. — Lectotypifications, e.g. *Albizia retusa*, *Mimosa pigra*.
- COWLEY, J. & C.A. FURNESS. 1997. *A new species of Amischotolype (Commelinaceae) from Brunei: taxonomy and pollen morphology*. *Kew Bull.* 52: 465–469, illus.
- CRAMER, L.H. 1996. *Notes on Sri Lankan Acanthaceae*. *Kew Bull.* 51: 553–556. — *Indoneesiella* reduced to subg of *Andrographis*, 1 new comb.
- RAVEN L.A. & B.A. BARLOW. 1997. *New taxa and new combinations in Melaleuca (Myrtaceae)*. *Novon* 7: 113–119, illus. — 1 new comb, 1 new subsp of *M. cajuputi*.
- *CRIBB, P. & W.A. WHISTLER. 1996. *Orchids of Samoa*. viii + 141 pp, illus. Royal Botanic Gardens, Kew. ISBN 1-900347-01-6. — 101 spp; geology, collecting history, morphology; keys; synonymy, descriptions, notes.
- DAGOSTINI, G., J.M. VEILLON & J. LAFFRÉ. 1997. *Inventaire et caractérisation de la flore et des groupements végétaux du massif du Tiébaghi*. Sciences de la Vie, Bot. 9, ORSTOM, Nouméa. — (n.v.).
- DANIEL, T.F. 1996. *Sciaphyllum amoenum (Acanthaceae) is a Peruvian Streblacanthus*. *Novon* 6: 147–149, illus.
- D'ARCY, W.G. & J.E. AVERETT. 1996. *Recognition of tribes Capsiceae and Physaleae, subfamily Solanoideae, Solanaceae*. *Phytologia* 80: 273–275
- *DARNAEDI, D. (Ed.). 1996. *The Fifth Regional Training Course on Plant Taxonomy: methods and approaches on the preparation of the flora of biosphere reserves and other protected areas in South East Asia. Bogor, Indonesia, 11 November – 13 December, 1996*. 115 pp, illus.
- DAS, S. & K.K. MUKHERJEE. 1997. *Morphological and biochemical investigations on Ipomoea seedlings and their species interrelationships*. *Ann. Bot.* 79: 565–571, illus. — Morphology and phytochemistry complement each other (Convolvulaceae).
- DASSANAYAKE, M.D. & W.D. CLAYTON (Eds.). 1996. *A revised handbook to the Flora of Ceylon 10*: vii + 427 pp. A.A. Balkema Uitgevers, Rotterdam, The Netherlands. ISBN 90-5410-268-3. NLG 150. — 32 of the smaller families: Araliaceae (D.G. Frodin; 1 nom nov, 1 comb nov), Callitrichaceae (M.D. Dassanayake), Capparaceae (D. Philcox), Caricaceae (M.D. Dassanayake), Caryophyllaceae (B.M. Wadhwa), Casuarinaceae (B.A. Abeywickrama), Celastraceae (B.M. Wadhwa), Ceratophyllaceae (M.D. Dassanayake), Dilleniaceae (B.M. Wadhwa), Elaeagnaceae (M.D. Dassanayake), Erythroxylaceae (B.M. Wadhwa & A. Weerasooriya), Fabaceae–Faboideae (L. Pedley, V.E. Rudd; I thought *Aphyllodium* was a superfluous name for *Dicerma*?), Flacourtiaceae (B. Verdcourt; 1 new subsp), Hippocrateaceae (B.M. Wadhwa), Icacinaceae (W. Meijer & B. Verdcourt), Loganiaceae (D. Philcox), Monimiaceae (M.D. Dassanayake), Nelumbonaceae (M.D. Dassanayake), Nymphaeaceae (M.D. Dassanayake), Olacaceae (B. Verdcourt), Passifloraceae (B.M. Wadhwa & A. Weerasooriya), Phytolaccaceae (D. Philcox), Plantaginaceae (M.D. Dassanayake), Podostemaceae (D. Philcox), Polygalaceae (B.M. Wadhwa),

Portulacaceae (B.M. Wadhwa & A. Weerasooriya), Ranunculaceae (M.D. Dassanayake), Rhamnaceae (B.M. Wadhwa), Stemonaceae (B.M. Wadhwa & A. Weerasooriya), Theaceae (B.M. Wadhwa; 1 new sp), Tiliaceae (B.M. Wadhwa & A. Weerasooriya), Violaceae (B.M. Wadhwa & A. Weerasooriya); the lack of an index is an editorial policy much to be regretted.

DASSANAYAKE, M.D. & W.D. CLAYTON (Eds.). 1997. *A revised handbook to the Flora of Ceylon. II.* 420 pp, 1 illus. A.A. Balkema Uitgevers, Rotterdam, The Netherlands. ISBN 90-5410-269-1. Hardcover. NLG 150, c. US\$ 75. — See Reviews.

DAVIES, S.J. 1996. *Life history evolution in early successional trees of Macaranga (Euphorbiaceae) in north-west Borneo.* Amer. J. Bot. 84, Suppl.: 187 (abstract). — Sect. Pachystemon; myrmecophytism evolved at least twice.

*DAVIS, S.D., V.H. HEYWOOD & A.C. HAMILTON (Eds.). 1995. *Centres of plant diversity. A guide and strategy for their conservation. Vol. 2. Asia, Australia and the Pacific.* xiv + 578 pp, illus. WWF & IUCN. ISBN 2-8317-0198-8. — Descriptions of sites with notes on geography, vegetation, flora, useful plants, values, economics, threats, conservation, and references; many Malesian sites only briefly mentioned, apparently by lack of data.

DELPRETE, P.G. 1996. *Evaluation of the tribes Chiococceae, Condamineeae and Catesbaeae (Rubiaceae), based on morphological characters.* In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 165–192, illus. — Portlandiinae to Catesbaeae, rest tentatively to Rondeletieae.

DEROIN, T. 1997. *Confirmation and origin of the paracarpy in Annonaceae, with comments on some methodological aspects.* Candollea 52: 45–58, illus.

DERTSCHENY, P. 1995. *Beiträge zur Kenntnis der südamerikanischen Arten der Gattung Danthonia (Poaceae).* Courier Forsch.-Inst. Senckenberg 186: 69–103, illus. (In German, English summ.). — 15 spp; Rytidosperma not distinct; cleistogamy; distribution; synonymy, descriptions, notes.

DOWNIE, S., D.S. KATZ-DOWNIE & K.-J. CHO. 1997. *Relationships in the Caryophyllales as suggested by phylogenetic analyses of partial chloroplast DNA ORF 2280 homolog series.* Amer. J. Bot. 84: 253–273, illus. — Amaranthaceae not monophyletic; Amaranthus nested in paraphyletic Chenopodiaceae.

DOYLE, J.A. 1996. *Seed plant phylogeny and the relationships of Gnetales.* Intern. J. Pl. Sc. 157, Suppl.: 3–39, illus. — Both probably monophyletic.

DOYLE, J.A. & A. LE THOMAS. 1996. *Phylogenetic analysis and character evolution in Annonaceae.* Adansonia III, 18: 279–334, illus. — High level of homoplasy and instability of relationships; rooting and major clades relatively stable.

DOYLE, J.A. & A. LE THOMAS. 1997. *Significance of palynology for phylogeny of Annonaceae: experiments with removal of pollen characters.* Pl. Syst. Evol. 206: 133–159, illus.

- DOYLE, J.J. & J.L. DOYLE. 1996. *The cytosolic glutamine synthetase gene family in Leguminosae: gene phylogeny and evolution of its role in nodulation*. Amer. J. Bot. 84, Suppl.: 188 (abstract). — Nodulation evolved at least three times.
- DOYLE, J.J. et 5 al. 1997. *A phylogeny of the chloroplast gene rbcL in the Leguminosae: taxonomic correlations and insights into the evolution of nodulation*. Amer. J. Bot. 84: 541–554, illus.
- DRESSLER, S. 1996. *The genus Bridelia (Euphorbiaceae) in Malesia and Indochina – A regional revision*. Blumea 41: 263–331, illus. — 19 spp; morphology, biogeography, phytography; key; synonymy, descriptions; indices to collections, names.
- DRESSLER, S. 1996. *Bridelia (Euphorbiaceae) in New Guinea with a description of a new species*. Kew Bull. 51: 601–607, illus. — Key to 7 spp.
- DURAWALLA, A.R. 1995. *Cytological investigations on the Asteraceae-genus Blumea and related genera Laggera and Nanothamnus*. J. Bombay Nat. Hist. Soc. 92: 314–321, illus.
- ENDO, Y. & H. OHASHI. 1996. *The pollen morphology of Vicia (Leguminosae)*. Amer. J. Bot. 83: 955–960, illus.
- ENDRESS, M.E. 1996. *Key characters at the interface of the apocynacs and the asclepiads*. Amer. J. Bot. 84, Suppl.: 189 (abstract). — Putative delimiting characters graue into each other; 2 evolutionary lines; Asclepiadoideae, Periplocoideae, Secamonoideae tribes of Apocynoideae.
- ENDRESS, M.E., et 7 al. 1996. *A phylogenetic analysis of Apocynaceae s.str. and some related taxa in Gentianales: a multidisciplinary approach*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 59–102, illus. — Family, Apocynoideae monophyletic; Plumerioideae, Plumerieae paraphyletic; Alstonia sister to rest of family; Alyxieae supported; Plocosperma excluded.
- ENDRESS, P.K. 1996. *Structure and function of female and bisexual organ complexes in Gnetales*. Intern. J. Pl. Sc. 157, Suppl.: 113–125, illus.
- ENDRESS, P.K. 1997. *Relationships between floral organization, architecture, and pollination mode in Dillenia (Dilleniaceae)*. Pl. Syst. Evol. 206: 99–118, illus.
- ERBAR, C. & P. LEINS. 1996. *Distribution of the character states 'early sympetaly' and 'late sympetaly' within the 'Sympetalae tetracycliae' and presumed allied groups*. Bot. Acta 109: 427–440, illus. — Two blocks of orders in Asteridae.
- ERBAR, C. & P. LEINS. 1996. *The formation of corolla tubes in Rubiaceae and presumably related families*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 102–112, illus.
- ERBAR, C. & P. LEINS. 1997. *Studies on the early floral development in Cleomoideae (Capparaceae) with emphasis on the androecial development*. Pl. Syst. Evol. 206: 119–132, illus.

- ERIKSEN, B. 1993. *Taxonomic studies in the Polygalaceae and Valerianaceae*. Thesis, Fac. Nat. Sc., Univ. Göteborg. Introduction (11 pp), compilation of previous papers. — Mainly South American taxa; Triplostegia considered as most plesiomorphic member of Valerianaceae.
- ESTELITA, M.E.M. 1993. *Remirea Aubl. (Cyperaceae), a new Kranz genus*. Revta Brasil. Bot. 16: 137–141, illus.
- EVANS, R.C. & T.A. DICKINSON. 1996. *Phylogenetic relationships in the Rosaceae: a total evidence approach*. Amer. J. Bot. 84, Suppl.: 190 (abstract). — Maloideae most derived, monophyletic: 2 clades; closest sister Prunoideae.
- EYDE, R.H. 1997. *Fossil record and ecology of Nyssa (Cornaceae)*. Bot. Rev. 63: 97–123. — At least Eocene.
- FADEN, R.B. & T.M. EVANS. 1996. *Habitat, phylogeny and character distribution in Commelinaceae*. Amer. J. Bot. 84, Suppl.: 191 (abstract).
- FERGUSON, D.M. 1996. *Phylogenetic systematics of Hydrophyllaceae, as inferred from the chloroplast gene ndhF and the nuclear rDNA ITS region*. Amer. J. Bot. 84, Suppl.: 192 (abstract). — Monophyletic, 2 clades; Boraginaceae distinct.
- FERGUSON, K. & H. BANKS. 1996. *Pollen morphology of the tribes Detarieae and Amherstieae (Caesalpinioideae: Leguminosae)*. Amer. J. Bot. 84, Suppl.: 192 (abstract).
- FERNÁNDEZ-GONZÁLEZ, D. & D. LOREAU-CALLEN. 1996. *Le pollen de la tribu des Acalypheae (Acalyphoideae, Euphorbiaceae)*. Grana 35: 266–284, illus. (In French, English summ.). — Two main types.
- FERRERO, M.D. 1997. *Ptychoscoccus lepidotus: in from the cold? A promising palm from the Highlands of New Guinea*. Palm J. 134: 11–14, illus. — Popular account (Palmae).
- FORSTER, P.I. 1996. *Apocynaceae*. Fl. Austr. 28: 104–196, illus.
- FORSTER, P.I. 1996. *Asclepiadaceae*. Fl. Austr. 28: 197–283, 319, illus. — See also sub Nicholas & Forster.
- FORSTER, P.I. 1996. *A checklist of the Asclepiadaceae of Papua*. Sc. N. Guinea 22: 15–22. — 198 taxa listed, 168 endemic.
- FORSTER, P.I. & D.J. LIDDLE. 1996. *Hoya, Dischidia*. Fl. Austr. 28: 231–240, illus.
- *FORTUNE HOPKINS, H. & J.I. MENZIES. 1995. *The Flora of Motupore Island*. 212 pp, illus. University of Papua New Guinea Press. ISBN 9980-84-055-2. — Small island (13 ha) in Bootless Bay, Central Province, Papua New Guinea; vegetation types; key; illustrated checklist with brief diagnoses; illustrated glossary; bibliography. See Review in Sc. N. Guinea 22 (1997) 114.
- FREID, E.R.H. & T.K. WILSON. 1996. *Petiolar anatomy of Coccolobeae Dam. (Polygonaceae) and its phylogenetic significance*. Amer. J. Bot. 84, Suppl.: 194 (abstract). — 2 patterns; anatomy, hair type, distribution do not correlate with present taxa.

- FREUDENSTEIN, J.V. & F.N. RASMUSSEN. 1996. *Progressive specialization and floral evolution in Orchidaceae: evidence from morphological cladistic analysis*. Amer. J. Bot. 84, Suppl.: 195 (abstract). — Much homoplasy; subfamilies mainly monophyletic.
- FREUDENSTEIN, J.V. & F.N. RASMUSSEN. 1997. *Sectile pollinia and relationships in the Orchidaceae*. Pl. Syst. Evol. 205: 125–146, illus. — 2 types, one for Spiranthoideae, other for Epidendroideae.
- FRIEDMAN, W.E. 1996. *Introduction to biology and evolution of the Gnetales*. Intern. J. Pl. Sc. 157, Suppl.: 1–2, illus.
- FRIEDMAN, W.E. & J.S. CARMICHAEL. 1996. *Double fertilization in Gnetales: implications for understanding reproductive diversification among seed plants*. Intern. J. Pl. Sc. 157, Suppl.: 77–94, illus. — Homologous, derived from common ancestor.
- FRIESEN, N. 1996. *A taxonomic and chorological revision of the genus Allium l. sect. Schoenoprasum Dumort*. Candollea 51: 461–473, illus. — 9 taxa; key; synonymy, descriptions.
- FU, G., Z. GU, R. FENG & S. CHEN. 1996. *Pollen morphology in genus Pueraria DC. from China*. J. Trop. & Subtrop. Bot. 4/2: 25–30, illus. (In Chinese, Eng. summ.). — Leguminosae.
- FURUKAWA, H. 1997. *Geomorphological processes of the coastal wetlands in Indonesian archipelagoes*. Tropics 6: 163–188, illus. (In Japanese, English summ.). — Geomorphological recent history of East coast Sumatra and Borneo.
- GARAY, L.A., F. HAMER & E. SIEGERIST. 1996. *Inquiline orchidacea II*. Lindleyana 11: 224–235, illus. — 11 new spp, 1 new comb, 1 new name in e.g. Malesian Bulbophyllum, Cirrhopetalum, Hapalochilus, Paphiopedilum; key to B. grandiflorum et al. (Orchidaceae).
- GASSON, P. 1996. *Wood anatomy of the Elaeocarpaceae*. Rec. Adv. Wood Anat.: 47–71, illus. — Muntingia excluded.
- GENG, B. & Z. WANG (Eds.). 1996. *Gramineae (Poaceae) (1) Bambusoideae*. Fl. Reipub. Pop. Sin. 9/1: 756 pp, illus. (In Chinese). — 36 gen, 619 taxa.
- GIES, M. 1995. *Untersuchungen zur Taxonomie und Chorologie der Poaceen-Gattung Danthonia in Neuguinea*. Courier Forsch.-Inst. Senckenberg 186: 45–68, illus. (In German, English summ.). — Key, synonymy, diagnoses, anatomy of leaves, roots; Monostachya to be reduced.
- GOLDBLATT, P. & M. TAKEI. 1997. *Chromosome cytology of Iridaceae. – Patterns of variation, determination of ancestral base numbers, and modes of karyotype change*. Ann. Missouri Bot. Gard. 84, Suppl.: 285–304, illus.
- GOLDMAN, D.H., et 5 al. 1996. *Circumscription and phylogeny of the tribe Arethiseae as inferred from matK sequence data*. Amer. J. Bot. 84, Suppl.: 197 (abstract). — Tribes and subtribes polyphyletic (Orchidaceae).

- GOMEZ-MARTINEZ, R. & A. CULHAM. 1996. *Systematics of the grass genus Axonopus (Panicoideae, Setariae): evidence from trnL-trnF data*. Amer. J. Bot. 84, Suppl.: 198 (abstract). — Monophyletic; Paspalum sister.
- GONZALEZ, F. 1996. *Phylogenetic relationships of the subfamily Aristolochioideae (Aristolochiaceae)*. Amer. J. Bot. 84, Suppl.: 198 (abstract). — Subfamily monophyletic; present infrageneric taxa of Aristolochia not supported (see Kelly, 1996).
- GONZÁLEZ-ELIZONDO, M.S. & P.M. PETERSON. 1997. *A classification of and key to the supraspecific taxa in Eleocharis (Cyperaceae)*. Taxon 46: 433–449. — 2 new series, 1 new comb; key; checklist, index to species.
- GOVAERTS, R. 1996. *World checklist of seed plants. 2/1*. 492 pp. — Letter B; great number of new combinations, e.g. by reducing Commicarpus to Boerhavia, Kalanchoe to Bryophyllum, Borreria to Spermacoce; 3 new Bulbophyllum names; how much actual, not bibliographic research is the base for this?
- GRAHAM, S.W. & S.C.H. BARRETT. *The local position of Pontederiaceae in the monocotyledons and the location of its root*. Amer. J. Bot. 84, Suppl.: 199 (abstract). — Commelinaceae & Haemodoraceae sister group.
- GREEN, T. 1997. *Hoya lauterbachii K. Schumann*. Fraterna 10/2: 7–10, illus. — Translation of original description; notes (Asclepiadaceae).
- GRUBBEN, G. & H.P. ANGGORO. 1996. *New Capsicum species found in Indonesia*. PROSEA Newslet. 17: 1. — Capsicum pubescens from Latin America cultivated in Java (Solanaceae).
- GRUß, O. 1997. *Paphiopedilum haynaldianum (Reichenbach f.) Stein* 1892. Orchidee 48, Orchideenkartei 3: 853–854, illus. (In German). — Description, cultivation, hybrids, notes (Orchidaceae).
- GRUß, O. 1997. *Paphiopedilum lowii (Lindley) Stein* 1892. Orchidee 48, Orchideenkartei 3: 847–848, illus. (In German). — Habitat, description, notes, cultivation, hybrids (Orchidaceae).
- GRUß, O. & J. RÖTH. 1997. *Eine neue Varietät von Paphiopedilum lowii (Lindl.) Stein*. Orchidee 48: 71–72, illus. (In German). — Reduction of P. lynniae (Orchidaceae).
- GULERIA, J.S., M.B. BANDE & N. AWASTHI. 1996. *Fossil records and antiquity of some common plants in India*. Rheedea 6: 13–27, illus. — Artocarpus, Cocos, Emblica, Musa, Pandanus, Sonneratia, Syzygium at least since Cretaceous, Cinnamomum Eocene, Mangifera Oligocene, Dipterocarpus mid-Miocene; see also Kar, 1996.
- HALFORD, D.A. 1997. *Notes on Tiliaceae in Australia, 3: A revision of Triumfetta L.* Austrobaileya 4: 495–587, illus. — Revision; 61 spp, several Malesian, 40 new; key; synonymy, descriptions, notes.
- *HALL, R. & D.J. BLUNDELL (Eds.). 1996. *Tectonic evolution of Southeast Asia*. Geol. Soc. Sp. Publ. 106: xiii + 566 pp, illus. ISBN 1-897799-52-7. — Collection of papers which can be of great help to understand current and past events that have led to present biogeographic patterns.

- HANELT, P. 1996. *Proposal to conserve the name Allium ampeloprasum against A. porrum (Liliaceae)*. Taxon 45: 691–692.
- HANSEN, K., S.R. DOWNIE, L.E. GILBERT & R.K. JANSEN. 1996. *Phylogenetic implications of the loss of the rpoC1 intron in Passiflora*. Amer. J. Bot. 84, Suppl.: 200 (abstract). — x = 6 group monophyletic and derived.
- *HANUM, I.F. & L.J.G. VAN DER MAESEN (Eds.). 1997. *Auxiliary plants*. PROSEA 11, 389 pp, illus. Backhuys Publishers, Leiden. ISBN 90-73348-66-8. Hardcover: NLG 215, c. US\$ 110; Paperback (in 1999) NLG 140, for developing countries by end 1997 available from the PROSEA Network Office, Bogor, c. US\$ 20. ISBN 979-8316-00-2. — See Reviews.
- HAUK, W.D., L.G. LOHMANN & S.S. RENNER. 1996. *Indels of the trnL-F intergenic spacer as generic markers in woody tropical lianas (Bignoniaceae tribe Bignonieae)*. Amer. J. Bot. 84, Suppl.: 201 (abstract).
- HAY, A., P.C. BOYCE & K.M. WONG. 1997. *Alocasia melo*. Curtis's Bot. Mag. 14: 82–86, t. 315. — New sp from Sabah (Araceae).
- HEADS, M.J. 1996. *Biogeography, taxonomy and evolution in the Pacific genus Co-prosma (Rubiaceae)*. Candollea 51: 381–405, illus. — Morphology; Nertera reduced; 2 new sect, 5 informal groups, 14 new comb, 3 new names; relationships, biogeography.
- HENG, L. 1996. *The ecological phytogeography and origin of the family Araceae*. Acta Bot. Yunn. 18: 14–42, illus. (In Chinese, English summ.).
- HERENDEEN, P.S. 1996. *Phylogenetic relationships among caesalpinioid Leguminosae: insights from morphology and anatomy*. Amer. J. Bot. 84, Suppl.: 202 (abstract). — As yet insufficient data.
- HETTERSCHIED, W.L.A. & C.I. PENG. 1995. *Notes on the genus Amorphophallus (Araceae). 4. Revision of the species of Taiwan*. Ann. Rep. Inst. Bot. Acad. Sin., Taipei July 1994–June 1995: 73. — Abstract; 4 spp.
- HEUBL, G. & A. WISTUBA. 1997. *A cytological study of the genus Nepenthes L. (Nepenthaceae)*. Sendtnera 4: 169–174, illus. — 2n = 80 (x = 5 or 10), very similar to Droseraceae.
- HEUSDEN, E.C.H. VAN. 1996. *The genus Meiogyne (Annonaceae) in New Caledonia: four new combinations*. Adansonia III, 18: 75–83.
- HEUSDEN, E.C.H. VAN. 1997. *Revision of the southeast Asian genus Sageraea (Annonaceae)*. Nordic J. Bot. 17: 39–54, illus. — 9 spp, 2 new; key; synonymy, descriptions, notes; list of collections.
- HIDAYAT, R.S. 1996. *Penyebaran geografi Sonchus ssp*. Bul. Kebun Raya Indon. 8: 115–122, illus. (In Bahasa Mal.) — Distribution (Compositae).
- HILL, K.D. 1996. *A taxonomic revision of the genus Cycas (Cycadaceae) in Australia*. Telopea 7: 1–64, illus. — 27 spp, 6 new; some also in New Guinea; all to subsect. Endemicae with 7 series, 5 new; key; synonymy, descriptions, notes.

- HILLIARD, O.M. & B.L. BURTT. 1997. *New names in Epithema (Gesneriaceae)*. Edinburgh J. Bot. 54: 111–113.
- *HINRICHES, E. 1996. *Ananas, die königliche Frucht*. 120 pp, illus. Edition Braus, Heidelberg. ISBN 3-89466-179-8. In German. — Coffee table book on the history of the pineapple (*Ananas comosus*, Bromeliaceae).
- HO, T.-N., S.-W. LIU & X.-F. LU. 1996. *A phylogenetic analysis of Gentiana (Gentianaceae)*. Acta Phytotax. Sin. 34: 505–530, illus.
- HOFF, B.A. 1997. *Anacardiaceae*. Fl. Nouv.-Caléd. 21: 22–79, illus. (In French).
- HOLUB, J. 1996. *Five new nomenclatural combinations for taxa from the fifth volume of 'Kvetena České republiky'*. Preslia 68: 285–286. — New comb in *Sassia*, split-off from *Oxalis*: *S. latifolia*.
- HOOGLAND, R.D., J.J. JÉRÉMIE & H.C.F. HOPKINS. 1997. *Le genre Cunonia (Cunoniaceae) en Nouvelle-Calédonie. Description de cinq espèces nouvelles*. Adansonia III, 19: 3–20, illus. (In French, English summ.).
- HOOT, S.B., S. MAGALLON-PUEBLA & P.R. CRANE. 1996. *Evolutionary relationships of the 'basal' eudicots based on three sequence data sets: qtpB, rbcL, and 18S ribosomal DNA*. Amer. J. Bot. 84, Suppl.: 203 (abstract). — Eudicots monophyletic; Ranunculidae distinct; lower hamamelids paraphyletic; Hamamelidaceae probably not monophyletic.
- HOPKINS, H.C.F. 1997. *A study of drift fruits and seeds in Papua New Guinea*. Drifting Seed 3: 36, illus.
- HOR, L.Y.-L. 1997. *Etude des espèces médicinales de la famille des Apocynaceae du Cambodge et Vietnam*. Unpubl. thesis (72 pp), Ecole Pratique des Hautes Etudes (EPHE); copy in P (In French).
- HOTTA, M. 1994. *Distribution and species diversity in Bornean Macaranga (Euphorbiaceae)*. In: M. Yasuno & M.M. Watanabe (eds), Biodiversity, its complexity and role: 111–118. Global Environmental Forum, Tokyo. — n.v.
- HOWCROFT, N.H.S. 1997. *Reproductive biology of Spathoglottis (Orchidaceae)*. Sc. N. Guinea 21: 159–175, illus. — Study of 3 New Guinea spp: pollinated by a solitary bee; cleistogamy.
- HU, C.-M. & J.E. VIDAL. 1996. *Towards a revision of the Myrsinaceae of Indochina*. J. Trop. & Subtrop. Bot. 4/4: 1–15.
- HU, C.-M. & J.E. VIDAL. 1997. *Towards a revision of the Myrsinaceae of Indochina (continued)*. J. Trop. & Subtrop. Bot. 5/1: 1–17.
- HUANG, L.-Q., B. YANG & C.-X. YUE. 1997. *Pollen morphology of Trichosanthes and its taxonomic significance*. Acta Phytotax. Sin. 35: 125–135, illus. — Subgeneric division supported (Cucurbitaceae).
- HUANG, S.-F. & T.-C. HUANG. 1996. *Notes on the flora of Taiwan (26) – Neptunia gracilis Benth. (Leguminosae)*. Taiwania 41: 265–269, illus.

- HUANG, S.-F. & T.-C. HUANG. 1997. *Notes on the flora of Taiwan (27) – The genus Argostemma Wall. (Rubiaceae)*. *Taiwania* 42: 1–7, illus. — 1 sp, identical with *A. solaniflorum* from the Philippines.
- HUANG, T.-C. 1996. *Notes on the flora of Taiwan (25) – The genus Scaevola L. (Goodeniaceae)*. *Taiwania* 41: 252–258, illus. — 2 spp; key, synonymy, descriptions; pollen depicted, not discussed.
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- HUGHES, C. 1997. *Proposal to conserve the name Leucaena (Leguminosae) with a conserved type*. *Taxon* 46: 355–356.
- HUSSI, K.H., B.A. WAHAB & P.T. CHE. 1996. *Comparative leaf anatomical studies of some Mallotus Lour. (Euphorbiaceae) species*. *Bot. J. Linn. Soc.* 122: 137–153, illus. — 16 spp; sections little supported.
- HUYNH, K.-L. 1996. *The genus Freycinetia (Pandanaceae) in New Guinea (part 1)*. *Bot. Jb.* 118: 529–545, illus. — 5 new spp.
- IGERSHEIM, A. & P.K. ENDRESS. 1997. *Gynoecium diversity and systematics of the Magnoliales and winteroids*. *Bot. J. Linn. Soc.* 124: 213–271, illus.
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- JAIN, S.K. & V. PRAKASH. 1995. *Zingiberaceae in India: phytogeography and endemism*. *Rheedia* 5: 154–169, ill.
- JANSEN, S., E. ROBBRECHT & E. SMETS. 1996. *The systematic value of endexine ornamentation in some Psychotrieae pollen (Rubiaceae–Rubioideae)*. *Grana* 35: 129–137, illus. — Importance at generic level.
- JEANDROZ, S., A. ROY & J. BOUSQUET. 1997. *Phylogeny and phytogeography of the circumpolar genus Fraxinus (Oleaceae) based on internal transcribed spacer sequences of nuclear ribosomal DNA*. *Molec. Phylogen. & Evol.* 7: 241–251, illus.
- JEBB, M. & M. CHEEK. 1997. *A skeletal revision of Nepenthes (Nepenthaceae)*. *Blumea* 42: 1–106, illus. — 82 spp, 74 Malesian, 7 new, 3 hybrids; regional keys; synonymy, notes; descriptions for new or emended taxa only; indices to collectors, names.
- JEFFREY, C. 1997. *What is Emilia coccinea (Sims) G. Don (Compositae)? A revision of the large-headed Emilia species of Africa*. *Kew Bull.* 52: 205–212. — Correct for the cultivated species; key to 8 spp (1 new); synonymy; description of *E. caespitosa*, *E. coccinea*, *E. vanmeelii*.

- JÉRÉMIE, J.J. 1996. *Paracryphiaceae*. Fl. Nouv.-Caléd. 20: 107–111, illus. — *Paracryphia*, 1 sp.
- JÉRÉMIE, J.J. 1997. *Deux nouvelles espèces de Sphenostemon (Sphenostemonaceae) de Nouvelle-Calédonie*. Adansonia III, 18: 219–224, illus. (In French, English summ.).
- JÉRÉMIE, J.J. 1997. *Sphenostemonaceae*. Fl. Nouv.-Caléd. 21: 3–21, illus. (In French).
- JHIANG, M.Y., H.M. SUNG, H. LONG & S.M. CHAW. 1995. *Phylogenetic relationships of Taxales and uniovulate Coniferales based on 188 rRNA sequences*. Ann. Rep. Inst. Bot. Acad. Sin., Taipei July 1994–June 1995: 62. — Abstract; uni-ovulate cone derived from a multi-ovulate one.
- *JOHNS, R.J. (Ed.). 1997. *Memorial volume. Published to commemorate the centenary of the birth of Professor R.E. Holttum, 1895–1995*. viii, 272 pp, illus. Royal Botanic Gardens, Kew. ISBN 1-900347-17-2. — Papers on ferns, see above.
- *JOHNS, R.J. 1997. *Background papers for the study of the flora and vegetation of the N.E. Kepala Burung (Vogelkop)*: 111 pp. — History of botanical exploration, floristics and general notes, ecology and vegetation, physical environment (geography, climate, physiography, geology), conservation, bibliography.
- *JOHNS, R.J., P.J. EDWARDS & D. KOWALSKA. 1997. *A checklist of the fern allies, ferns and gymnosperms of the N.E. Kepala Burung (Vogelkop), Irian Jaya, Indonesia*: 91 pp. — Notes on distribution, habitat, uses, basic literature, typification, specimens.
- JONES, D.L. 1997. *A taxonomic revision of Cheirostylis (Orchidaceae) in Australia*. Muelleria 10: 75–83, illus. — 2 spp, 1 new; key; synonymy, descriptions, notes.
- JONSELL, B. 1997. *Cruciferae*. Fl. Nouv.-Caléd. 21: 81–117, illus. (In French).
- JONSON L.A., J.L. SCHULTZ, D.E. SOLTIS & P.M. SOLTIS. 1996. *Monophyly and generic relationships of Polemoniaceae based on matK sequences*. Amer. J. Bot. 83: 1207–1224, illus. — Monophyletic.
- JUSWARA, L.S. & A. RETNOWATI. 1996. *A revision of Dimeria R. Br. in Malesia (Poaceae)*. In: D. Darnaedi (Ed.), The Fifth Regional Training Course ... : 28–41, illus. — 4 taxa, 1 new (invalidly published); key; descriptions, notes.
- KALIMA, T. 1996. *Description and key to the identification of some red Shorea species at Sintang forest area, West Kalimantan*. Bul. Pen. Hutan 582: 25–48, illus. (In Bahasa, English summ.). — Account of 8 spp.
- KAMELINA, O.P. & P.H. RAVEN. 1997. *Embryological features of the Lowiaceae family*. Bot. Dzj. 82/3: 1–6, illus. (In Russian, English summ.). — Place in Zingiberales supported.
- KAMPNY, C.M. & N.G. DENGLER. 1997. *Evolution of flower shape in Veroniceae (Scrophulariaceae)*. Pl. Syst. Evol. 205: 1–25, illus.

- KANATZ, K.E. & S.C. TUCKER. 1996. *A phylogenetic analysis of the Caesalpinieae (Leguminosae) using floral development and traditional morphological characters.* Amer. J. Bot. 84, Suppl.: 206 (abstract). — Monophyly not supported.
- KAR, R.K. 1994. *On the Indian origin of Ocimum (Lamiaceae): a palynological approach.* Palaeobot. 43: 43–50, illus. — Early Eocene.
- KAR, R.K. 1996. *Antiquity of some angiosperms in India based on palynological investigation.* Rheedia 6: 81–91, illus. — Barringtonia, Ocimum (early Eocene), Dipterocarpus (mid-Miocene).
- KÄSS, E. & M. WINK. 1997. *Phylogenetic relationships in the Papilionoideae (family Leguminosae) based on nucleotide sequences of cpDNA (rbcL) and ncDNA (ITS 1 and 2).* Molec. Phylogen. & Evol. 8: 65–88, illus.
- *KEAST, A. & S.E. MILLER. 1996. *Origin & Evolution of Pacific Islands biotas, New Guinea to eastern Polynesia: patterns and processes.* viii + 531 pp, illus. SPB Academic Publishing BV. ISBN 90-5103-136-X. — See Reviews.
- *KELLER, R. 1996. *Identification of tropical woody plants in the absence of flowers and fruits; a field guide.* xii + 229 pp, illus. Birkhäuser Verlag, Basel, Boston, Berlin. ISBN 3-7643-5184-5, 0-8176-5184-5. — Translation of the French (1994) version, see Fl. Males. Bull. 11 (1994) 326, and review in Blumea 42 (1997) 255–256.
- KELLOGG, E.A. & N.D. JULIANO. 1997. *The structure and function of RuBisCO and their implications for systematic studies.* Amer. J. Bot. 84: 413–418, illus.
- KELLY, L.M. 1996. *Floral morphology, homology, and phylogenetic relationships in Aristolochiaceae.* Amer. J. Bot. 84, Suppl.: 207 (abstract). — Pararistolochia et al. to be reduced to Aristolochia for monophyly (See also Gonzalez, 1996).
- KESSLER, P.J.A. 1995. *Subdivisions and relationships of the Asiatic–Australian genera of Annonaceae.* Rheedia 5: 97–102.
- KHAN, H.A. 1996. *Palynological study of some Indian Nymphaeaceae with reference to Silent Valley, Kerala (India).* J. Palynol. 31: 151–160, illus. — Dating from Upper Cretaceous in India.
- KIDD, S.B. 1997. *A note on Piper aduncum in Morobe Province, Papua New Guinea.* Sc. N. Guinea 22: 121–123. — Wide-spread, locally forming 100% stands inhibiting regrowth by other species; used for drainage, erosion control, firewood, but also considered as noxious (Piperaceae).
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- KLOPPENBURG, D. 1996. *A primer of the central Hoya parts*. Fraterna 3d Quart. 1996: 11–13, illus. — Asclepiadaceae.
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- MÜLLER-DOBLIES, D. & U. MÜLLER-DOBLIES. 1996. *Tribes and subtribes and some species combinations in Amaryllidaceae J. St.-Hil. emend. R. Dahlgren & al. 1985*. Feddes Repert. 107/5–6: Short comm. 1–9. — Why this strange pagination is used is a mystery; the paper follows after p. 556.
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- MURTHY, G.V.S. 1996. *Pollen morphology of Leea Van Royen ex L. from India*. J. Palynol. 31: 129–136, illus. — Ridsdale's revision supported.
- MURTHY, G.V.S. 1996. *Pollen studies of Indian Dilleniaceae*. J. Palynol. 32: 105–111, illus. — Two subfam supported.
- MURTHY, G.V.S. & B. BAHADUR. 1996. *Pollen morphology of Caprifoliaceae (s.l.) from India*. J. Palynol. 31: 79–128, illus. — Sambucaceae supported; keys.
- MURTHY, H.N. 1996. *Cytogenetics of Guizotia species and origin of Niger, a review*. Proc. Ind. Nat. Acad. Sc. B 62: 221–226. — Compositae.

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- NEPOKROEFF, M., B. BREMER & K.J. SYTSMA. 1996. *Reorganization of the genus Psychotria (Rubiaceae) inferred from ITS and rbcL sequence data.* Amer. J. Bot. 84, Suppl.: 219 (abstract). — Paraphyletic; to be reduced to subg Psychotria, Tetrameriae and some Hydnophytinae.
- NEWMAN, M.F. 1997. *Elettariopsis unifolia (Gagnep.) M.F. Newman, comb. nov.* (Zingiberaceae). Edinburgh J. Bot. 54: 110–111. — Amomum and Elettariopsis distinct by polythetic sets of characters, only.
- NEWMAN, S.W.H. & B.K. KIRCHOFF. 1992. *Ovary structure in the Costaceae (Zingiberales).* Intern. J. Pl. Sc. 153: 471–487, illus.
- NEYLAND, R. & L.E. URBATSCH. 1996. *Phylogeny of subfamily Epidendroideae (Orchidaceae) inferred from ndhF chloroplast gene sequences.* Amer. J. Bot. 83: 1195–1206, illus. — Monophyletic, Listera sister group.
- NG, F.S.P. 1991. *Manual of forest fruits, seeds and seedlings* CD-ROM-version: CIFOR No. 1 (1996). Address: POB 6596, JKPWB, Jakarta 10065.
- NGUYEN, Q.D. & R.C.C. KONG. 1996. *A revision of the Malesian Manihot Mill.* (Euphorbiaceae). In: D. Darnaedi (Ed.), The Fifth Regional Training Course ... : 56–63, illus. — 2 spp; key; synonymy, descriptions, notes.
- NGUYEN, T.H. & J.E. VIDAL. 1996. *Gymnospermae.* Fl. Camb., Laos & Vietnam 28: 1–166, illus. — 8 fam, 21 gen, 51 spp.
- NICHOLAS, A. & P.I. FORSTER. 1996. *Gomphocarpus cancellatus.* Fl. Austr. 28: 319. — The combination is attributed to Bruyns (1995) on p. 216 and 329 with a different basionym citation (Asclepiadaceae).
- NOLTIE, H.J. 1997. *Proposal to conserve the name Carex filicina against Cyperus caricinus (Cyperaceae).* Taxon 46: 551–552.
- *NUDDS, J.R. & C.W. PETTITT. 1997. *The value and valuation of natural science collections. Proceedings of the International Conference, Manchester, 1995.* xii + 276 pp. Geological Society, London. ISBN 1-897799-76-4. — A good compilation of papers to fall back on when you have to defend your institute when another financial / personal cut-down is threatened; general discussion at end is educational and amusing.
- OGANESOVA, G.G. 1997. *The seeds structure of some Iridaceae in connection with their systematics, geography and phylogeny. II. Subfamily Ixioideae.* Bot. Dzj. 82: 7–22, illus. (In Russian, English summ.).
- OKADA, H. 1996. *New genus and new species of the Annonaceae from the Malesian wet tropics.* Acta Phytotax. Geobot. 47: 1–9, illus. — Alphonsea (1), Cleistopetalum (gen + 2 sp nov), Haplostichanthus (1), Oncodostigma (1).

- OKADA, H., S. KUBO & Y. MORI. 1996. *Pollination system of Neuwiedia veratrifolia Blume (Orchidaceae, Apostasioideae) in the Malesian wet tropics*. Acta Phytotax. Geobot. 47: 173–181, illus. — Mostly selfing, outbreeding through two spp of stingless bees.
- OMLOR, R. 1996. *Notes on Marsdenieae (Asclepiadaceae) – a new, unusual species of Hoya from Northern Borneo*. Novon 6: 288–294, illus.
- ORCHARD, A.E. (Ed.) 1996. *Gentianales*. Fl. Austr. 28: xiii, 1–335, illus.
- OSKOLSKI, A.A. 1996. *A survey of the wood anatomy of the Araliaceae*. Rec. Adv. Wood Anat.: 99–119, illus. — 12 groups, not consistent with present classification.
- PANDA, S. & A.P. DAS. 1992 ('1991'). *Distribution of Glochidion hirsutum (Roxb.) Voigt in India*. J. Bomb. Nat. Hist. Soc. 88: 468–469, illus. — compared to G. zeylanicum; description (Euphorbiaceae).
- PASCARELLA, J.B. 1997. *Breeding systems of Ardisia Sw. (Myrsinaceae)*. Brittonia 49: 45–53, illus. — 5 spp of 3 subg studied.
- PATEL, A. 1996. *Strangler fig-host associations in roadside and deciduous forest sites, South India*. J. Biogeogr. 23: 409–414, illus. — Valid for Malesia as well? (Moraceae).
- PATON, A. 1997. *Classification and species of Platostoma and its relationship with Haumaniastrum (Labiatae)*. Kew Bull. 52: 257–292, illus. — Reduction of e.g. Acrocephalus, Ceratanthus, Mesona, Nosema to Platostoma as sections; key; many new comb.
- PATON, A. & E. PUTIEVSKY. 1996. *Taxonomic problems and cytotaxonomic relationships between and within varieties of Ocimum basilicum and related species (Labiatae)*. Kew Bull. 51: 509–524, illus.
- PEDERSEN, H.Æ. 1997. *The genus Dendrochilum (Orchidaceae) in the Philippines – a taxonomic revision* Op. Bot. 131: 205 pp, illus. — 89 spp; morphology, some anatomy, cytology, chemistry, reproductive biology; biogeographic analysis; map of the Philippines with alphabetical index to subdivisions; keys; synonymy, descriptions, notes. (See also Cootes & Banks, 1997, note the colour differences in identical pictures! Some upside down here!)
- PENG, C.I., H. TOBE & M. TAKAHASHI. 1995. *Reproductive morphology and relationships of Triplostegia (Dipsacales)*. Ann. Rep. Inst. Bot. Acad. Sin., Taipei July 1994–June 1995: 73. — Abstract; Triplostegia sister group to Dipsacaceae and Morina; Triplostegiaceae supported.
- PERSSON, C. 1996 *Phylogeny of the Gardenieae (Rubiaceae)*. Bot. J. Linn. Soc. 121: 91–109, illus.
- PHENGKLAI, C. 1995. *Studies in Thai flora. Sterculiaceae in Thailand*. Thai For. Bull., Bot. 23: 62–108. — Keys to genera and spp; generic diagnoses; new comb in Helicteres (1), Pterospermum (1), Sterculia (2); indices to names, collectors.

- PIPOLY III, J.J. 1996. *Contributions towards a new flora of the Philippines: I. A synopsis of the genus Myrsine (Myrsinaceae)*. Sida 17: 115–162, illus. — Reduction of Rapanea; 14 spp, 7 new records, 10 comb nov, 2 nom nov.; key; synonymy, descriptions; list of collections.
- PLUNKETT, G.M., D.E. SOLTIS & P.S. SOLTIS. 1997. *Clarification of the relationship between Apiaceae and Araliaceae based on matK and rbcL sequence data*. Amer. J. Bot. 84: 565–580, illus. — Indications that there are two well-defined families derived from pro-araliads that may have some extant taxa.
- PLUNKETT, G.M., D.E. SOLTIS & P.S. SOLTIS. 1996. *Evolutionary patterns in Apiaceae: inferences based on matK sequence data*. Syst. Bot. 21: 477–495, illus. — Support for tribal system of Drude, but not his subfamilies; carpology prone to parallel evolution.
- POOMA, R. & P.M. NGUYEN. 1996. *The genus Luffa P. Miller (Cucurbitaceae) in Malesia*. In: D. Darnaedi (Ed.), *The Fifth Regional Training Course ...* : 101–106. — 3 taxa; keys; synonymy, descriptions, notes.
- PORTRER, J.M. 1997. *Phylogeny of Polemoniaceae based on nuclear ribosomal internal transcribed spacer DNA sequences*. Aliso 15: 57–77, illus.
- POSER, G.L. VON, M.E. TOFFOLI, M. SOBRAL & A.T. HENRIQUES. 1997. *Iridoid glucosides substitution patterns in Verbenaceae and their taxonomic implication*. Pl. Syst. Evol. 205: 265–287, illus. — Sound distinction between Verbenoideae and the rest which is more related to Labiateae.
- POWELL, J.M., D.A. MORRISON, P.A. GADEK, D.M. CRAYN & C.J. QUINN. 1997. *Relationships and generic concepts within Stypheliae (Epacridaceae)*. Austr. Syst. Bot. 10: 15–29, illus. — Mainly on Australian taxa, some Malesian.
- PRADEEP, A.K. 1995. *Eleutherine bulbosa (Miller) Urban (Iridaceae-Tigridieae): a little understood exotic in India*. Rheedia 5: 180–183, illus. — Synonymy, description; the E. palmifolia of Fl. Males. I, 8: 82, name change not explained.
- PRADEEP, A.K. & K.M. JAYARAM. 1992 ('1991'). *Occurrence of Clerodendron wallichii Merr. (Verbenaceae) in South India*. J. Bomb. Nat. Hist. Soc. 88: 467, illus.
- PRAMANIK, S. & S.S. RAYCHAUDHURI. 1997. *DNA content, chromosome composition, and isozyme patterns in Plantago L.* Bot. Rev. 63: 124–139, illus. — Plantaginaceae.
- PRICE, R.A. 1996. *Systematics of the Gnetales: a review of morphological and molecular evidence*. Intern. J. Pl. Sc. 157, Suppl.: 40–49, illus. — Gnetales monophyletic; Ephedra, Gnetum sister groups.
- PRINCE, L.M. & C.R. PARKS. 1996. *Phylogenetic relationships of the Theoideae (Theaceae) based on two chloroplast DNA sequences*. Amer. J. Bot. 84, Suppl.: 225 (abstract). — Gordonia paraphyletic.

- PRUSKI, J.F. 1996. *Compositae of the Guayana highland -XI. Tuberculocarpus gen. nov. and some other Ecliptinae (Heliantheae)*. Novon 6: 404–418. — *Wedelia chinensis* and *W. trilobata* to *Sphagneticola* (*Compositae*).
- PUDJOARINTO, A. & HASANUDDIN. 1996. *Taxonomy of Duku, Kokosan, and Pisitan: based on pollen morphological approach*. Biologi 2: 1–10, illus. (In Bahasa, English summ.). — Pollen distinct; spp belong to *Lansium*, not *Aglaia* (*Meliaceae*).
- PUFF, C., E. ROBBRECHT, R. BUCHNER & P. DE BLOCK. 1996. *A survey of secondary pollen presentation in the Rubiaceae*. In: E. Robbrecht, C. Puff & E. Smets (Eds.), Proc. Intern. Rubiaceae Conf.: 369–402, illus.
- PUSPITANINGTYAS, D.M. 1997. *Phalaenopsis javanica*. Explorasi 3/2: 5, illus. — History, description, notes (*Orchidaceae*).
- QIN, X.-K. 1996. *The use of peroxidases in the systematics of Oleaceae*. Acta Bot. Yunn. 18: 159–166, illus. (In Chinese, English summ.). — *Jasminoideae*, *Syringaeae* not upheld.
- RADCLIFFE-SMITH, A. & R. GOVAERTS. 1997. *New names and combinations in the Crotonoideae*. Kew Bull. 52: 183–189. — Some Malesian.
- RADCLIFFE-SMITH, A. & R. GOVAERTS. 1997. *New names and new combinations in the Euphorbiaceae–Acalyphoideae*. Kew Bull. 52: 477–481. — Possibly some Malesian, but distributions for the 24 taxa not given.
- RAJU, C.P. & R.V. RAJU. 1996 *Some rare and interesting asteraceous taxa from the forests of Andhra Pradesh, India*. J. Econ. Tax. Bot. 20: 261–265, illus. — *Spilanthes*, 3 spp, key, diagnoses (*Compositae*).
- RAMU, J., S.L. HATCH, M.A. HUSSEY & E.C. BASHAW. 1996. *Morphology of *Pennisetum orientale* (Poaceae: Paniceae)*. Sida 17: 163–171, illus. — Study of diversity in USDA accessions.
- RAO, P.S.N. 1996. *Phytogeography of the Andaman and Nicobar Islands, India*. Mal. Nat. J. 50: 57–79, illus. — 2500 vascular plant spp, c. 14% endemic; Andaman flora similar to Burma, Nicobar to Malesia, but in the tables no differentiation between the island groups is made.
- RAO, P.S.N. & B.K. SINHA. 1996. *Kaempferia siphonantha King ex Baker (Zingiberaceae) in the Andaman Islands*. J. Bombay Nat. Hist. Soc. 93: 121–122, illus.
- RAY, L.N., P.V. SREEKUMAR & P.M. PADHYE. 1996. *Two new records of orchids for the Andaman Islands*. J. Bombay Nat. Hist. Soc. 93: 123–125. — *Acriopsis indica*, *Kingidium deliciosum* (*Orchidaceae*).
- REDDI, C.S. & J.S.R. ALURI. 1996. *Thermogenesis and pollination in some flowering plants*. J. Palynol. 31: 229–237. — Overview from literature, no personal data; flowers producing heat for evaporation of insect-attracting odours, e.g. in *Annonaceae*, *Araceae* ('not pronounced'!), *Aristolochiaceae*, *Nymphaeaceae*, *Palmae*; *Raflesiaceae* not mentioned.

- REDDI, C.S., J.S.R. ALURI & B. BAHADUR. 1996. *Temporal dioecism and pollination in two petro-plant species*. J. Palynol. 31: 291–300, illus. — *Euphorbia antiquorum*, *E. tortilis* (Euphorbiaceae).
- REDDI, C.S., J.S.R. ALURI & S.N. REDDY. 1996. *Pollination ecology of Avicennia officinalis L.* (Avicenniaceae). J. Palynol. 31: 253–260, illus. — The flowers first adapted to outcrossing, later to selfing.
- REEVES, G., et al. 1996. *Molecular systematics of Iridaceae: a combined analysis of three plastid DNA sequence matrices*. Amer. J. Bot. 84, Suppl.: 225 (abstract). — Most tribes monophyletic
- REGALADO Jr., J.C. & D.D. SOEJARTO. 1997. *The genus Microrphium (Gentianaceae) in the Philippines*. Novon 7: 77–80, illus.
- RENNER, S.S., K. UEDA, L. LOHMANN & A.E. SCHWARZBACH. 1996. *Phylogenetic relationships of monimiaceous genera within core Laurales based on rbcL sequence data*. Amer. J. Bot. 84, Suppl.: 225 (abstract).
- REVEAL, J.L. 1996. *Aridae, a new subclass of Liliopsida*. Phytologia 81: 142–143.
- REVEAL, J.L. 1997. *Early suprageneric names in Asteraceae*. Comp. Newsl. 30: 29–45.
- *RICHARDS, P.W. 1996. *The tropical rain forest: an ecological study*, ed. 2. xxiii, 575 pp, illus. Cambridge University Press. ISBN 0-521-42054-7, US\$ 110 (hardback), ISBN 0-521-42194-2, US\$ 49.95 (paperback). — With contributions by R.P.D. Walsh (climate, hydrology), I.C. Baillie (soils) & P. Greig-Smith (numerical methods) (n.v., see brief review Taxon 46, 1997, 210).
- RICHARDSON, J.E., M.F. FAY, Q.C.B. CRONK, D. BOWMAN & M.W. CHASE. 1996. *A molecular analysis of Rhamnaceae using rbcL and trnL-F plastid DNA sequences*. Amer. J. Bot. 84, Suppl.: 226 (abstract). — Family monophyletic, 3 major clades, but these not supported by morphological characters; 14 tribes.
- RIDDER-NUMAN, J.W.A. 1996. *Historical biogeography of the Southeast Asian genus Spatholobus (Legum.-Papilionoideae) and its allies*. Blumea Suppl. 10: 1–144, illus.
- RIDDER-NUMAN, J.W.A. & R.W.J.M. VAN DER HAM. 1997. *Pollen morphology of Butea, Kunstleria, Meizotropis and Spatholobus (Leguminosae, Papilionoideae), with notes on their position in the tribes Millettiaeae and Phaseoleae*. Rev. Palaeobot. & Palynol. 96: 255–280, illus.
- RIDSDALE, C.E. 1996. *New taxa and combinations for the Rubiaceae of Sri Lanka*. Blumea 41: 455–462. — 4 new taxa in *Hedyotis*, 3 in *Lasianthus*; 10 new comb, e.g. in *Knoxia*, *Lasianthus*, *Metabolus*, *Oldenlandia*, *Ophiorrhiza*, *Pavetta*, *Psydrax*.
- RIEDL, H. 1996. *New taxa in the genus Tournefortia (Boraginaceae) from the Malesian region*. Blumea 41: 443–444.
- ROBBRECHT, E., C. PUFF & E. SMETS (Eds.). 1996. *Second International Rubiaceae Conference Proceedings*. Opera Bot. Belg. 7: 432 pp, illus.

- ROBINSON, D.F. 1996. *A symbolic framework for the description of tree architecture models*. Bot. J. Linn. Soc. 121: 243–261, illus. — Modification of Hallé–Oldeman system.
- ROBSON, N.K.B. 1996. *Studies in the genus Hypericum L. (Guttiferae) 6. Sections 20. Myriandra to 28. Elodes*. Bull. Nat. Hist. Mus. London (Bot.) 26: 75–217, illus. — Section 26. Humifusoideum in Malesia.
- RODMAN, J.E., K.G. KAROL, R.A. PRICE & K.J. SYTSMA. 1997. *Molecules, morphology, and Dahlgren's expanded order Capparales*. Syst. Bot. 21: 289–307, illus. — Molecular research supports Dahlgren.
- ROHWER, J.G. 1997. *The fruits of Nyctanthes aculeata (Oleaceae)*. Bot. Jb. 119: 293–299, illus. — Taxonomic position remains undecided.
- RONSE DECRAENE, L.P. & E.F. SMETS. 1995. *The distribution and systematic relevance of the androecial oligomery*. Bot. J. Linn. Soc. 118: 193–247, illus.
- RONSE DECRAENE, L.P. & E.F. SMETS. 1997. *A floral ontogenetic study of some species of Capparis and Boscia, with special emphasis on the androecium*. Bot. Jb. 119: 231–255, illus. — Also compared to Papaverales (Capparaceae).
- RÖTH, J. & O. GRUB. 1997. *Paphiopedilum javanicum (Reinw. ex Lindl.) Pfitz. var. nymphenburgianum Roeth et Gruss*. Orchidee 48: 8–10, illus. (In German). — An apochromatic form (Orchidaceae).
- ROVA, J.H.E., L. ANDERSSON, P.G. DELPRETE & V.A. ALBERT. 1996. *Macrophylogeny of the Rubiaceae from trnL-F sequence data*. Amer. J. Bot. 84, Suppl.: 227–228 (abstract). — 3 subfam, all including Antirheoid taxa (see also Bremer, 1996; Young et al., 1996); Rondeletia paraphyletic.
- RUA, G.H. & M.C. GRÓTTOLA. 1997. Growth form models within the genus *Paspalum* L. (Poaceae, Paniceae). Flora 192: 65–80, illus. — 19 types; comparative morphology; evolutionary trends.
- RYSY, W. 1997. *Beitrag zur Orchideenflora von Bali (Teil 1)*. Orchidee 48: 10–15, illus. (In German, English summ.). — Popular account (Orchidaceae).
- RYSY, W. 1997. *Beitrag zur Orchideenflora von Bali (Teil 2)*. Orchidee 48: 42–46 (In German).
- RYSY, W. 1997. *Beitrag zur Orchideenflora von Bali (Teil 3)*. Orchidee 48: 97–103, illus. (In German). — Popular account; checklist.
- SAMPSON, F.B. 1996. *Pollen morphology and ultrastructure of Laurelia, Laureliopsis and Dryadodaphne (Atherospermataceae [Monimiaceae])*. Grana 35: 257–265, illus. — Atherospermataceae palynologically distinct from Monimiaceae s.s.; could be subfam.
- SAUNDERS, R.M.K. 1996. *The occurrence and taxonomic relationships of Burmannia wallichii (Burmanniaceae) in Malesia*. Blumea 41: 333–337, illus. — First confirmed record (Singapore); key to Malesian saprophytic species; synonymy, description.

- SAUNDERS, R.M.K. 1997. *Kadsura acsmithii* (*Schisandraceae*): a new species from Borneo. *Blumea* 42: 107–110, illus. — Key to Bornean species.
- SAVOLAINEN, V., R. SPICHIGER & J.-F. MANEN. 1997. Polyphyletism of Celastrales from a chloroplast noncoding DNA region. *Molec. Phylogen. & Evol.* 7: 145–157, illus. — Celastrales restricted to Celastraceae, incl. Hippocrateaceae, Brexia; Aquifoliaceae, incl. Helwingia, to Asteridae.
- *SCHAIK, C.P. VAN & J. SUPRIATNA. 1996. *Leuser, a Sumatran sanctuary*. iv + 348 pp, illus. Yayasan Bina Sains Hayati Indonesia, POB 103, Depok 16401, Indonesia. ISBN 979-95099-0-4. US\$ 25 (incl. shipping, handling). — Conservation, geology, climate, vegetation and flora, animal checklists and life, economy.
- SCHEEL, R., J.-P. YBERT & O.M. BARTH. 1996. Pollen morphology of the Boraginaceae from Santa Catarina State (southern Brazil), with comments on the taxonomy of the family. *Grana* 35: 138–153, illus. — Pollen types generally agree with present classification; *Heliotropium* heterogeneous.
- SCHLAUER, J. 1996. A dichotomous key to the genus *Drosera* L. (*Droseraceae*). *Carniv. Pl. News.* 25: 67–88. — Phylogenetic (!) key; 135 spp; 7 new subg, 1 sect, 12 new comb; essentially indented key in block-shape with an ‘unusual type of numbering’. Indeed.
- SCHUITEMAN, A. 1996. Notes on Goodyerinae (*Orchidaceae*). I. *Blumea* 41: 397–406, illus. — New comb in Anoectochilus, Moerenhoutia; Tubilabium and 2 spp of Cheirostylis = Myrmecoris (4 new comb); Papuaea; Pristiglottis.
- SENNBLAD, B. & B. BREMER. 1996. The familial and subfamilial relationships of Apocynaceae and Asclepiadaceae evaluated with *rbcL* data. *Pl. Syst. Evol.* 202: 153–175, illus. — Asclepiadaceae nested in Apocynaceae; Apocynoideae, Plumerioideae, and many tribes paraphyletic; discussion of characters.
- SENNIKOV, A.N. 1996. The type specimens of the family Rubiaceae kept in the Herbarium of Komarov Botanical Institute (Russian Academy of Sciences, St. Petersburg). Subfamily Ixoroideae. *Bot. Dzj.* 81/9: 37–49 (In Russian and Latin).
- SEUBERT, E. 1997. Root anatomy of palms. *Flora* 192: 81–103, illus. — Generic delimitations supported, so important tool in taxonomy and phylogeny.
- SEUBERT, E. 1997. The sclereids of Araceae. *Flora* 192: 31–37, illus. — Restricted to Spathiphyllae, Monstereae, and Pothoideae; within tribes not of much use; Monstera is moved to Pothoideae, so obviously the use of ‘Monsteroideae’ and ‘Monstereae’ for the remaining group is erroneous and confusing.
- SHAMROV, I.I. 1996. Ovule development and significance of its features for Gentianaceae systematics. In: E. Robbrecht, C. Puff & E. Smets (Eds.), *Proc. Intern. Rubiaceae Conf.*: 113–118, illus. (In French, English summ.).
- SHANG, C.B. 1997. Espèces nouvelles d’Araliaceae asiatiques. *Adansonia* III, 19: 77–83, illus. (In French, English summ.).

- SHEAHAN, M.C. & M.W. CHASE. 1996. *A phylogenetic analysis of Zygophyllaceae R. Br. based on morphological anatomical and rbcL DNA sequence data*. Bot. J. Linn. Soc. 122: 279–300, illus. — Peganaceae, Nitrariaceae supported.
- SHEELY, D.L. & T.R. MEAGHER. 1996. *Genetic diversity in Micronesian island populations of the tropical tree Campnosperma brevipetiolata (Anacardiaceae)*. Amer. J. Bot. 83: 1571–1579, illus. — Hardly different.
- SHIMIZU, T., S. TAKAO, N. UTAMI & A. TAKAO. 1996. *Anatomy of floral organs and its taxonomic significance in the genus Impatiens (Balsaminaceae), with special reference to subgen. Acaulimpatiens*. Phytomorph. 46: 253–266, illus.
- SHIMIZU, T. & N. UTAMI. 1997. *Three new species of Impatiens (Balsaminaceae) added to Flora Malesiana*. Kew Bull. 52: 435–442, illus.
- SHIRLEY, P. 1996. *Sulawesi Tengah 1994*. Fraterna 3d Quart. 1996: 4–10, illus. — Account of a fieldtrip to study Asclepiadaceae, Orchidaceae in the neighbourhood of Lake Poso.
- SIEBERT, S.F. 1997. *Economically important rattans of Central Sulawesi, Indonesia*. Principes 41: 42–46, illus.
- SINHA, N.R. & E.A. KELLOGG. 1996. *Parallelism and diversity in multiple origins of C4 photosynthesis in the grass family*. Amer. J. Bot. 83: 1458–1470, illus. — At least 4 times.
- SIRIRUGSA, P. 1992. *A revision of the genus Boesenbergia Kuntze (Zingiberaceae) in Thailand*. Nat. Hist. Bull. Siam Soc. 40: 67–90, illus. — 13 spp; key; synonymy, descriptions.
- SIVARAJAN, V.V. & C.N. SUNIL. 1995. *Cleome spinosa Jacq. (Capparaceae), a new record for Peninsular India*. Rheedia 5: 184–186, illus. — Jacobs [Fl. Males. I, 6 (1960) 102] has warned that this might be C. houtteana.
- SMITH, J.F. 1996. *Tribal relationships within Gesneriaceae: a cladistic analysis of morphological data*. Syst. Bot. 21: 497–513, illus. — Cyrtandroideae paraphyletic, Gesneroideae monophyletic; current tribal classifications largely supported.
- SMITH, J.F., K.D. BROWN, C.L. CARROLL & D.S. DENTON. 1997. *Familial placement of Cyrtandromoea, Titanotrichum and Sanango, three problematic genera of the Lamiales*. Taxon 46: 65–74, illus. — Molecular data suggest Gesneriaceae.
- SMITH, J.F., J.C. WOLFRAM, K.D. BROWN, C.L. CARROLL & D.S. DENTON. 1997. *Tribal relationships in the Gesneriaceae: evidence from DNA sequences of the chloroplast gene ndhF*. Ann. Missouri Bot. Gard. 84: 50–66, illus. — Monophyly of most groups supported; Paulownia closest sister.
- SNOW, N. 1996. *The phylogenetic utility of lemmatal micromorphology in Leptochloa s.l. and related genera in subtribe Eleusininae (Poaceae, Chloridoideae, Eragrostideae)*. Ann. Missouri Bot. Gard. 83: 504–529, illus. — Characters vary little within a genus; Diplachne reduced to Leptochloa.

- *SOEPADMO, E., K.M. WONG & L.G. SAW (Eds.). 1996. *Tree flora of Sabah and Sarawak 2: x + 1–443, illus. ISBN 983-9592-56-4.* — See Reviews.
- SOLTIS, D.E. & P.S. SOLTIS. 1997. *Phylogenetic relationships in Saxifragaceae sensu lato: a comparison of topologies based on 18S rDNA and rbcL sequences.* Amer. J. Bot. 84: 504–522, illus. — Saxifragaceae s.s. restricted to c. 30 herbaceous genera; some traditional subfamilies in same clade ('Saxifragales') with Crassulaceae and Haloragaceae (Rosidae), Paeoniaceae (Dilleniidae), Cercidiphyllaceae, Daphniphyllaceae, and Hamamelidaceae (Hamamelidae), other related to rosids, Celastraceae, asterids.
- SOLTIS, E.S., et 15 al. 1997. 1997. *Angiosperm phylogeny inferred from 18S ribosomal DNA sequences.* Ann. Missouri Bot. Gard. 84: 1–49, illus. — Topologies highly concordant with those of rbcL; woody magnoliids first branching, followed by Nymphaeaceae, Piperales and other Magnoliidae, Monocots (excl. Acorus) monophyletic with Ceratophyllum as sister; large eudicot clade with Rosidae and Asteridae s.l.; Dilleniidae, Hamamelidae highly polyphyletic.
- SOOKCHALOEM, D. 1995. *Typhonium (Araceae) in Thailand.* Thai For. Bull., Bot. 23: 18–39, illus. — 14 spp; key; synonymy, descriptions, notes.
- SOUZA-CHIES, T.T. et 5 al. 1997. *Phylogenetic analysis of Iridaceae with parsimony and distance methods using the plastid gene rps4.* Pl. Syst. Evol. 204: 109–123, illus. — Monophyletic.
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- TSENG, Y.-C. (Ed.). *Compositae-Mutisieae*. Fl. Reipub. Pop. Sin. 79: 1–108, illus. (In Chinese). — 5 gen, 83 spp.
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- TURNER, I.M. 1996. *Malu-malu— the Malaysian Mimosas*. Nat. Mal. 21: 108–111, illus. — Popular account; Mimosa quadrivalvis var. leptocarpa new record (Kedah, Penang) (= Schrankia quadrivalvis, regarded as excluded by Nielsen, Fl. Males. I, 11 (1992) 205); key, including Leucaena leucocephala, 2 Neptunia spp (Leguminosae).
- TURNER, I.M. 1996. *Malaysian Morning glories*. Nat. Mal. 21: 20–25, illus. — 16 spp of Ipomoea (Convolvulaceae); synonymy.
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- TURNER, I.M. 1997. ('1995'). *A catalogue of the vascular plants of Malaya. 2. Gardens' Bulletin, Singapore* 47: 347–757. — (n.v.).
- TURNER, I.M. 1997. *A tropical flora summarized – A statistical analysis of the vascular plant diversity of Malaya*. Flora 192: 157–163, illus. — Curiously enough Flora of Java is mentioned, but its data are not included in the calculations.
- TYAS, K.N., Eviyarni & F.J.M. Gaerlan. 1996. *A revision of Melanolepis Reich. f. & Zoll. (Euphorbiaceae)*. In: D. Darnaedi (Ed.), *The Fifth Regional Training Course ...* : 42–48, illus. — 1 sp; synonymy, description, notes.
- UEDA, K., et al. 1997. *Molecular phylogenetic position of Podostemaceae, a marvelous aquatic flowering plant family*. J. Pl. Res. 110: 87–92, illus. — Crassulaceae sister group.
- VALKENBURG, J.L.C.H. VAN. 1997. *Non-timber forest products of East Kalimantan. Potentials for sustainable forest use*. Tropenbos Ser. 16: 202 pp. — Inventory, distribution and abundance of species, effects of logging, guidelines for sustainable management.

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- VERDCOURT, B. 1997. *Proposal to conserve the gender of Sapindus (Sapindaceae) as masculine*. Taxon 46: 360.
- VERDCOURT, B. 1997. *Proposals to conserve the names Phaseolus helvolus with a conserved type and spelling, and Strophostyles against Phasellus (Leguminosae)*. Taxon 46: 357–359. — If rejected, Macrotylum lathyroides threatened.
- VERDCOURT, B. & R. POLHILL. 1997. *Proposals to conserve the names Myrica and Gale (Myricaceae) with conserved types*. Taxon 46: 347–348.
- VERMEULEN, J.J. 1996. *New species of the genus Bulbophyllum (Orchidaceae) from Sumatra, Borneo, and Papua New Guinea*. Blumea 41: 347–374, illus.
- VERMEULEN, J.J. 1996. *Some taxonomic corrections in the subtribe Bulbophyllinae (Orchidaceae)*. Nordic J. Bot. 16: 379–381. — Notes on synonymy of Bulbophyllum, B. salaccense, 1 new comb.
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- WATSON, L.E., T.M. EVANS & M.K. DIMASI. 1996. *Molecular phylogeny of tribe Anthemideae (Asteraceae), ITS sequences and ndhF sequences*. Amer. J. Bot. 84, Suppl.: 243 (abstract).
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- WEBER, A. 1995. *Etlingera (Zingiberaceae) gingers of Peninsular Malaysia*. Nat. Mal. 20: 80–89, illus. — Diagnoses, key, synonymy.
- WEBER, A. 1995. *The Malayan species of Globba (Zingiberaceae): floral and vegetative architecture*. Nat. Mal. 20: 114–121, illus. — Diagnoses, key.
- WEBSTER, G.I., M.J. DEL-ARCO-AGUILAR & B.A. SMITH. 1996. *Systematic distribution of foliar trichome types in Croton (Euphorbiaceae)*. Bot. J. Linn. Soc. 121: 41–57, illus. — Redefinition of terms, 120 spp examined.
- WEILLER, C.M. 1996. *Reassessment of Cyathodes (Epacridaceae)*. Austr. Syst. Bot. 9: 491–507, illus. — Restricted to 3 spp; place of Styphelia brassii not given.
- WHITE, Jr, J.F. & G. MORGAN-JONES. 1996. *Morphological and physiological adaptations of Balansieae and trends in the evolution of grass endophytes*. In: S.C. Redlin & L.M. Carris, *Endophytic fungi in grasses and woody plants*: 133–154, illus. — Co-evolution (tentatively) proposed; endophytes are the cause of the seasonal toxicity reported for some grasses; also functions as insecticide, stress tolerance; see also Bacon & Hill (1996) (Clavicipitaceae / Gramineae).
- *WHITTEN, T., R.E. SOERIAATMADJA & S.A. AFIFF. 1996. *The ecology of Java and Bali*. Ecology of Indonesia Series 2: xxiv + 969 pp, illus. Periplus Editions (HK) Ltd. ISBN 962-593-072-8. UK £ 50. — See Reviews.
- WHITTEN, W.M., N.H. WILLIAMS & M.W. CHASE. 1996. *Subtribal relationships in the tribe Maxillarieae (Orchidaceae) based on combined molecular data*. Amer. J. Bot. 84, Suppl.: 244 (abstract).
- WILDE, W.J.J.O. DE. 1996. *Additional notes on species of the Asian genera Endocomia, Horsfieldia, and Knema (Myristicaceae)*. Blumea 41: 375–394, illus. — 7 new taxa, notes on others.
- WILDE, W.J.J.O. DE. 1997. *Notes on Southeast Asian and Malesian Myristica and description of new taxa (Myristicaceae). With keys arranged per geographical area (New Guinea excepted)*. Blumea 42: 111–190, illus. — General and regional keys West of New Guinea; 26 new taxa; with synonymy, descriptions, notes; index to names.
- WILLIAMS, J.B. 1996. *Mandevilla, Parsonsia*. Fl. Austr. 28: 144–145, 154–189, 316–319, illus. — 15 new Parsonsia spp.

- WILSON, A.D. 1996. *Resources and testing of endophyte-infected germplasm in national grass repository collections*. In: S.C. Redlin & L.M. Carris, Endophytic fungi in grasses and woody plants: 179–195, illus. — If these groups indeed co-evolved more research on the endophytes might give clues to the historical taxonomy of both Clavicipitaceae and Gramineae.
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- WINK, M. & M. KAUFMANN. 1996. *Phylogenetic relationships between some members of the subfamily Lamioideae (family Labiatae) inferred from nucleotide sequences of the rbcL gene*. Bot. Acta 109: 139–148, illus.
- WISTUBA, A. & H. RISCHER. 1996. *Nepenthes lavicola, a new species of Nepenthaceae from the Aceh Province in the North of Sumatra*. Carniv. Pl. Newsl. 25: 106–111, illus.
- WITTE, J. DE. 1996. *Nepenthes of Gunung Murud*. Carniv. Pl. Newsl. 25: 41–45, illus. — Popular account; N. muluensis (Nepenthaceae).
- WONG, K.M. & J.B. SUGAU. 1996. *A revision of Fagraea (Loganiaceae) in Borneo, with notes on related Malesian species and 21 new species*. Sandakania 8: 1–93, illus. — 42 spp, 24 endemic; with keys, notes, descriptions, etc.; specimens under taxa.
- WU, C.-C. & L.-L. KUO-HUANG. 1997. *Calcium crystals in the leaves of some species of Moraceae*. Bot. Bull. Acad. Sin. 38: 97–104, illus. — Ca-oxalate and/or Ca-carbonate in 9 Taiwan spp.; place, types.
- WU, Z.-Y. & P.H. RAVEN. 1996. *Flora of China. 15. Myrsinaceae through Loganiaceae*. x + 383 pp, no illus. — English version: also Ebenaceae, Oeceaceae, Primulaceae, Plumbaginaceae, Sapotaceae, Styracaceae, Symplocaceae.
- WUNNACHIT, W., C.F. JENNER & M. SEDGLEY. 1992. *Floral and extra-floral nectar production in Anacardium occidentale L. (Anacardiaceae): an andromonoecious species*. Intern. J. Pl. Sc. 153: 413–420, illus.
- XU, T.-Z. 1996. *A new system of the genus Acer*. Acta Bot. Yunn. 18: 277–292, illus. (In Chinese, English summ.). — 4 subg (key), 23 sect, 33 series, 200 spp.
- YANG, S.-L. & A.W. MEEROW. 1996. *The Cycas pectinata (Cycadaceae) complex: genetic structure and gene flow*. Int. J. Pl. Sc. 157: 468–483, illus.
- YEN, A.C. & R.G. OLMSTEAD. 1996. *Molecular systematics of Cyperaceae tribe Cariceae: preliminary results based on DNA sequences from three chloroplast DNA regions*. Amer. J. Bot. 84, Suppl.: 246 (abstract). — Monophyletic.
- YONEKURA, K. & H. OHASHI. 1997. *New combinations of East Asian species of Polygonum s.l.* J. Jap. Bot. 72: 154–161, illus. — 18 new comb; survey of checkered taxonomic history in the past century (Polygonaceae).

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- YOUNG, N.D., K.E. STEINER & C.W. DEPAMPHILIS. 1996. *A revolutionary view of the parasitic Scrophulariaceae / Orobanchaceae*. Amer. J. Bot. 84, Suppl.: 247 (abstract). — Genera represent multiple lineages each derived from green hemiparasites; Orobanchaceae monophyletic.
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- ZHU, G.-L. 1996. *Origin, differentiation, and geographic distribution of the Chenopodiaceae*. Acta Phytotax. Sin. 34: 486–504, illus. (In Chinese, English summ.). — North shore of Tethys Sea in early Cretaceous; supposed migration path through Malesia very unlikely.
- ZIEMAN, S., V. TRIFONOVA & K. SYTKIK. 1996. *Overview of the genus Anemone L. and subtribe Anemoninae Spach*. Ukrainian Bot. J. 53/1-2: 7–17. — Ranunculaceae.
- ZONA, S. 1996. *Intergeneric relationships in the subtribe Ptychospermatinae (Arecaceae: Arecoideae)*. Amer. J. Bot. 84, Suppl.: 247 (abstract). — Adonidia supported; Ptychosperma polyphyletic.