

XIX. BIBLIOGRAPHY
(continued from page 248)

The entries have been split into five categories: (a) Algae — (b) Fungi & Lichens — (c) Bryophytes — (d) Pteridophytes — (e) Spermatophytes & General subjects. — Books have been marked with an asterisk.

(a) Algae :

ABEYWICKRAMA, B.A. The genera of the freshwater algae of Sri Lanka. Part 1. UNESCO Man & Biosphere Nat. Comm. for Sri Lanka, Publ. no 6 (1979) 103 pp., 12 pl.
Descriptions of genera, no keys, species names listed.

BROUNS, J.J.W.M & F.M.L. HELJS. Tropical seagrass ecosystems in Papua New Guinea. A general account of the environment, marine flora and fauna. Proc. Kon. Ned. Akad. Wet. Amsterdam, C, 88 (1985) 145-182, 11 fig., 3 tab., 10 pl. See under Spermatophytes & General.

CRONBERG, G. & B. HICKEL. Mallomonas fenestrata sp. nov. and M. perforata sp. nov. (Chrysophyceae, Mallomonadaceae) from tropical lakes. Nordic J. Bot. 5 (1985) 105-110, 12 fig., 1 tab.
The last species occurs in Bali.

DÜRRSCHMIDT & R. CROOME. Mallomonadaceae (Chrysophyceae) from Malaysia and Australia. Nordic J. Bot. 5 (1985) 285-298, 60 fig., 1 tab., 1 map.
Some 30 species listed, 2 new from Malaysia.

HELJS, F.M.L. The seasonal distribution and community structure of the epiphytic algae on Thalassia hemprichii (Ehrenb.) Aschers. from Papua New Guinea. Aquatic Botany 21 (1985) 295-324, 5 fig., 6 tab.

HUISMAN, J.M. Rhipidothamnion secundum gen. et sp. nov. and Spermiothamnion minutum sp. nov. (Ceramiaceae, Rhodophyta) from eastern Australia. Phycologia 24 (1985) 55-66, 28 fig.

KHAN, I.S.A.N. & H. MUHAMMAD. Fresh water Malaysian algae. 2. The diatoms. Nat. Malaysiana 10/2 (1985) 28-31, many col. phot.
Popular introduction.

----- & -----. Freshwater algae of Peninsular Malaysia. III. The desmids. Nat. Malaysiana 10/3 (1985) 28-31, col. phot.
Popular introduction.

MUHAMMAD, H. & I.S.A.N. KHAN. Freshwater algae of Peninsular Malaysia. 1. The Euglenoids. Nat. Malaysiana 9/2 (1984) 28-31, col. phot.
Popular; representatives of various genera photographed.

PHANG, S.-M. Seaweed resources of Malaysia. *Wallaceana* 38 (1984) 3-8, 3 fig., 2 tab.

With a preliminary list of marine algae in Malaysia.

VELASQUEZ, G.T. Bluegreen algae in the Philippines. *Natural and Applied Sc. Bull.* 35 (1983) 207-210.

General on Cyanophyceae.

(b) Fungi & Lichens :

BEATON, G., D.N. PEGLER & T.W.K. YOUNG. Gasteroid Basidiomycota of Victoria State, Australia: 8-9. *Kew Bull.* 40 (1985) 827-842, fig. 34-40.

3 genera, 12 spp.; key to families of hypogaeal Basidiomycetes in Victoria.

BIDIN, A. The importance of leaf forms in the subdivision of the genus Adiantum L. *Sains Mal.* 13 (1984) 279-289.

----- Leaf blade anatomy of some species of Adiantum L. *Sains Mal.* 13 (1984) 291-301.

----- The ferns of the genus Brainea in Peninsular Malaysia. *Nat. Malays.* 10/2 (1985) 26-27.

----- Ornamental ferns and fern-allies. *Nat. Malays.* 9/4 (1985) 16-21.

----- & T. WALKER. Comparative anatomy of the stipe of the fern genus Adiantum L. (Adiantaceae). *Gard. Bull., Singapore* 38 (1985) 227-233.

FILSON, R.B. An occurrence of Collema pustulatum Ach. in North Australia. *The Bryologist* 88 (1985) 13, 1 fig.

Trans-Pacific-Oceanic distribution! Endemic in America. Found on limestone outcrop.

*GALLOWAY, D.J. Flora of New Zealand. Lichens. Govt. Printer, Wellington. 8°. 1984. lxxiii + 662 pp. 8 col. phot.

A very complete monograph.

HAWKSWORTH, D.L. & A.J.S. WHALLEY. A new species of Rhopalostroma with a Nodulisporium anamorph from Thailand. *Trans. Br. Mycol. Soc.* 84 (1985) 560-562, 3 fig.

HESSELTINE, C.W. Fungi, people, and soybeans. *Mycologia* 77 (1985) 505-525, 3 fig., 2 tab.

General lecture; work on fermentation; practical aspects; projects in Taiwan.

HOBBS, Th.W., A.F. SCHMITTHENNER & G.A. KUTER. A new Phomopsis species from soybean. *Mycologia* 77 (1985) 535-544, 12 fig. 2 tab.

Thomopsis longicolla, a new blight.

- JÜLICH, W.F.B. Fungi associated with Dipterocarpaceae in Southeast Asia. 1. The genera Riessia and Riessiella. Int. J. Mycol. Lichenol. 2 (1985) 123-140, 4 fig., 5 pl.
1 new genus, 3 new species; key to 4 taxa.
- KATUMOTO, K. Four species of sooty moulds from the Philippines. Trans. Mycol. Soc. Japan 26 (1985) 285-293, 15 fig.
- KUTHUBUTHEEN, A.J., S. MUID & J. WEBSTER. Arthrobotrys dendroides, a new nematode-trapping synnematosus Arthrobotrys from Malaysia. Trans. Br. Mycol. Soc. 84 (1985) 563-566, 1 fig.
Isolated from Malaysian fruit trees.
- LEE, Y. B. & K. SUGIYAMA. Studies on the Laboulbeniomycetes of Papua New Guinea. I. The genus Dimeromyces. Trans. Mycol. Soc. Japan 25 (1984) 339-348, 2 fig.
6 species, none new.
- LUMBSCH, H.T. & J.A. ELIX. A new species of the lichen genus Diploschistes from W. Australia. Pl. Syst. Evol. 150 (1985) 275-279, 2 fig.
Shares some characters with an undescribed species from Java.
- MAJEWSKI, T. & K. SUGIYAMA. Notes on the Laboulbeniomycetes of Bali Island (Indonesia). III. Trans. Mycol. Soc. Japan 26 (1985) 169-178, 17 fig.
5 species, 3 new.
- MINETA, M. Preliminary report on Stereocaulon of Papua New Guinea. Bull. Nat. sc. Mus., Tokyo B, 10 (1984) 133-142, 2 fig.
8 species, none new.
- NAWAWI, A. More Tricladium species from Malaysia. Trans. Br. Mycol. Soc. 85 (1985) 177-182, 4 fig.
2 new species from the Cameron Highlands.
- PEGLER, D.N. The genus Lentinus: a world monograph. Kew Bull. Add. Ser. X (1983) 281 pp., 65 fig.
Monograph, keys, 63 species, some new combinations.
- RIFAI, M.A., K. KRAMADIBRATA & T. BASUKI. The anamorph of Sarawakus succisus Rifai. Reinwardtia 10 (1985) 265-270, 4 fig.
Illustrated and detailed description of the conoidal state.
- SCHATZ, S. Adomia avicenniae: a new ascomycetous genus from Red Sea and Australian mangroves. Trans. Br. Mycol. Soc. 84 (1985) 555-559, 7 fig.
- SINGH, A. Two new species of the lichen genus Parmentaria from Andaman Islands, India. Fedde's Rept. 96 (1985) 265-268, 1 fig.

- SUGIYAMA, K. & T. MAJEWSKI. Notes on the Laboulbeniomycetes of Bali Island (Indonesia). II. Trans. Mycol. Soc. Japan 26 (1985) 125-144, 37 fig.
15 species, 7 new.
- & T. NAGASAWA. Notes on the Laboulbeniomycetes (Ascomycotina) of Borneo. III. The genus Chitonomyces. Trans. Mycol. Soc. Japan 26 (1985) 3-12, 1 fig.
9 species, none new; key.
- SUKARA, E., I.B. HENDRARTO & C.H. DICKISON. Cara menanam jamur merang. (The cultivation of the paddy straw mushroom). Bull. Brit. Mycol. Soc. 19 (1985) 129-132, 3 fig.
- TANDA, S. & U. BRAUN. Two new powdery mildew fungi on Carica papaya and Phyllanthus flexuosus. Trans. Mycol. Soc. Japan 26 (1985) 315-319, 2 fig.
- ZHENG, R.-Y. Genera of the Erysiphaceae. Mycotaxon 22 (1985) 209-263, 29 fig.
Key.
- (c) Bryophytes :
- ALLEN, B.H. A review of the genus Brotherobryum Fleisch. (Bryopsida: Dicranaceae). Lindbergia 10 (1984) 111-120, 29 fig.
4 species, 1 new from New Guinea: *B. sleumeri* Allen.
- BARTLETT, J.K. & Z. IWATSUKI. The bryophyte flora of New Zealand. Taxonomy and distribution of Ephemeropsis trentepohlioides and E. tjibodensis with a note on the ecology and distribution of Buxbaumia novae-zelandiae. New Zeal. J. Bot. 23 (1985) 179-182, 1 tab.
- ELLIS, L.T. A taxonomic revision of Exodictyon Card. (Musci: Calymperaceae). Lindbergia 11 (1985) 9-37, 19 fig. & maps, 2 tab.
Key to genera of subfam. Leucophanoideae (5 genera); key to 2 species of Exodictyon; Exostratum nov. gen. (split-off from Exodictyon); key to 4 species; 4 new combinations.
- FIFE, A.J. A generic revision of the Funariaceae (Bryophyta: Musci). Part I. J. Hattori Bot. Lab. 58 (1985) 149-196, 11 pl., 8 fig., 4 tab.
A large work with an important key to the genera; some new combinations.
- FRAHM, J.-P., M. GIESE, M. PADBERG, T. KOPONEN & D.H. NORRIS. Bryophyte flora of the Huon Peninsula, Papua New Guinea. IX. Atractylocarpus, Bryohumbertia, Campylopodium and Campylopus (Dicranaceae, Musci). Acta Bot. Fennica 131 (1985) 63-88, 84 fig.
Reductions, 3 new combinations.
- GEISSLER, P. & H. BISCHLER. Lembidium to Mytilopsis. Index Hepat. 10 (1985) 352 pp. J. Cramer, Vaduz./ Cons. & Jard. Bot. Genève.
A most useful index resumed (Vol. 9 was published in 1976).

- HÜRLIMANN, H. Hepaticae aus dem Gebiete des südlichen Pazifik. VIII. *Bauhinia* 8/2 (1985) 101-118, 3 fig.
From Tonga, Fiji, New Caledonia, Tahiti. Lepidoziaceae (Schluss). 32 species, 1 new.
- KITIGAWA, N. & R. GROLLE. A new name for Acrosyphus N. Kitag., Hepaticae. *Acta Phytotax. Geobot.* 36 (1985) 58.
Acrosyphella N. Kitag.; 4 new combinations.
- KOPONEN, T. & D.H. NORRIS. Bryophyte flora of the Huon Peninsula, Papua New Guinea. VIII. Hylocomiaceae and Rhytidiaceae (Musci). *Acta Bot. Fennica* 131 (1985) 53-61, 4 fig.
New records; 1 new species.
- & ----- . Bryophyte flora of the Huon Peninsula, Papua New Guinea. XI. Brachymenium, Epipterygium, Leptobryum, Mielichhoferia, Orthodontium and Pohlia (Bryaceae), and Leptostomataceae (Musci). *Acta Bot. Fennica* 131 (1985) 99-127, 14 fig.
New records; new combinations, 1 new species.
- KRUIJT, R.Ch. A preliminary revision of the genus Dicranolejeunea (Spruce) *Schiffn. Beih. Nova Hedwigia* 80 (1985) 155-163, 1 fig.
Preliminary to a monograph; 9 species, synonymy.
- KUWAHARA, Y. Annotated keys to the species of the Metzgeriaceae from Japan, East Himalayas, tropical East Asia, and Tropical Oceania. *Nova Hedwigia* 40 (1984) 273-285, 1 pl.
4 keys; 41 species, none new.
- LI, Z.-H. A revision of the Chinese species of Fissidens (Musci, Fissidentaceae). *Acta Bot. Fennica* 129 (1985) 1-65, 28 fig., 4 tab.
52 taxa, some also in Malesia, 1 new species.
- LIN, S.-H. Notes on some Formosan moss collections at the Taiwan Museum. *The Bryologist* 87 (1984) 345-348.
- MOHAMED, Haji M.A. The taxonomic status of Bryum rubrolimbatum Broth. *Malaysian J. Sc.* 7 (1982) 35-36, 1 fig.
Reinstated species from the Philippines.
- & W.D. REESE. Syrrhopodon (Musci: Calymperaceae) in Malaysia and adjacent regions. *The Bryologist* 88 (1985) 223-254, 106 fig., 1 tab.
Key to 17 species, descriptions, full synonymy; many reductions.
- NISHIMURA, N. Ectropothecium ptychofolium Nishimura, nom. nov. for a Bornean moss Ptychophyllum borneense Broth. *Bull. Nat. Sc. Mus. B.* 10 (1984) 153-158, 2 fig.
Reduction of *Ptychophyllum*.

- NORRIS, D.H. & T. KOPONEN. Bryophyte flora of the Huon Peninsula, Papua New Guinea. VII. Trachypodaceae, Thuidiaceae and Meteoriaceae (Musci). Acta Bot. Fennica 131 (1985) 1-51, 18 fig.
Key to the species.
- & -----. Bryophytes from Frieda River, East and West Sepik Provinces, Papua New Guinea. Ann. Bot. Fennici 22 (1985) 367-396, 12 fig., 1 tab.
173 species, 10 new, 15 new to Papua New Guinea.
- ONRAEDT, M. Bryophytes de Sri Lanka. VII. Lejeuneaceae holostipae. Crypt., Bryol. Lichén. 6 (1985) 151-175, 22 fig., 1 map.
Keys, descriptions of 21 species of 11 genera; 1 genus new for Sri Lanka.
- PADBERG, M. & J.-P. FRAHM. Monographie der Gattung Atractylocarpus (Dicranaceae). Cryptog., Bryol. Lichén. 6 (1985) 315-341.
- PIIPPO, S. Bryophyte flora of the Huon Peninsula, Papua New Guinea. X. Jackiellaceae, Scapaniaceae, Arnelliaceae and Acrobolbaceae (Hepaticae). Acta Bot. Fennica 131 (1985) 89-97, 4 fig.
Names, synonyms and ecology.
- . Bryophyte flora of the Huon Peninsula, Papua New Guinea. XII. Geocalycaee (Hepaticae). Acta Bot. Fennica 131 (1985) 129-167, 19 fig.
Key to West Melanesian species, incl. 1 new species and reductions.
- . Bryophyte flora of the Huon Peninsula, Papua New Guinea. XIII. Arachniopsis and Kurzia (Lepidoziaceae subfam. Lepidozioideae, Hepaticae). Acta Bot. Fennica 131 (1985) 169-179, 6 fig.
Key, descriptions, several new records.
- *SCHOFIELD, W.B. Introduction to Bryology. (1985).
See Reviews.
- SCHUSTER, R.M. Austral Hepaticae. XIX. Some taxa new to New Zealand and New Caledonia. Phytologia 56 (1985) 449-464.
- . Some new taxa of Hepaticae. Phytologia 57 (1985) 408-414.
Subgeneric division of Riccia.
- STONE, I.G. New records of mosses in Australia. J. Bryol. 13 (1985) 475-478.
14 records, 5 new for Australia.
- TIXIER, P. A propos du genre Bazzania en Nouvelle-Calédonie. Récoltes de H.S. McKee. Cryptog., Bryol. Lichén. 6 (1985) 177-180, 1 fig.
Several new combinations because of the reduction of Mastigobryum; species listed; no key.
- YAMADA, K. Three new species of Radula (Hepaticae) from Papua New Guinea. J. Jap. Bot. 60 (1985) 257-264, 3 fig.

(d) Pteridophytes :

- ARIFIN, S. & M. SIAHAAN. Horsetail (Equisetum debile), a noxious weed at Kayu Aro estate. Warta BPTK 5 (1979) 207-210. In Indonesian, Engl. summary.
In Central Sumatra, Jambi, in tea-estate.
- BROWNSEY, P.J., D.R. GIVEN & J.D. LOVIS. A revised classification of New Zealand pteridophytes with a synonymic checklist of species. New Zeal. J. Bot. 23 (1985) 431-489.
- CROFT, J.R. & D.N. LEACH. New Guinea salt fern (Asplenium acrobryum complex): identity, distribution, and chemical composition of its salt. Econ. Bot. 39 (1985) 139-149, 6 fig., 1 tab.
Some other ferns also yield salt in their ashes.
- DOMACENA-ADEFUIN, D. The species and cultivars of Nephrolepis in Metro Manila, Philippines. J. Grad. Res., Univ. Santo Tomas 13/2 (1984).
4 species, 5 varieties.
- GIBBY, M. Cytological observations on Indian subcontinent and Chinese Dryopteris and Polystichum (Pteridophyta - Dryopteridaceae). Bull. Br. Mus. Nat. Hist. (Bot.) 14 (1985) 1-42, 78 fig.
Chromosome counts of 69 species.
- HOLTUM, R.E. A Malesian viewpoint. Proc. Roy. Soc. Edinburgh 86B (1985) 303-306.
Some aspects of ecology of Malesian ferns; need of improving taxonomy for experimental studies.
- Studies in the fern genera allied to Tectaria Cav. IV. The genus Ctenitis in Asia, Malesia and the Western Pacific. Blumea 31 (1985) 1-38, 3 fig.
New subdivision, key to 43 species, 17 new, 4 new combinations.
- HOVENKAMP, P.H. A monograph of the fern genus Pyrrosia (Polypodiaceae). Thesis, Leiden (1986) 280 pp., 37 fig (incl. maps, tab.), 6 pl. E.J. Brill.
57 species; no novelties; exhaustive chapters on history, infra-generic delimitation (10 informal groups + some loose species), morphology, karyology & hybridization, cladistic phylogeny (character transformations discussed, genus paraphyletic?, no synapomorphy against Platycerium), geography (historical, contemporary, vicariant analysis); key; except for species to be treated by Ravensburg & Hennipman (in print) full descriptions, synonymy, notes; identification list; an exemplary treatise!
- HUGHES, R.H. A new variety of Microsorium punctatum (L.) Copel. Pteridologist 1 (1985) 81, 2 fig.
A monstrous, dissected form from the Philippines.
- IWATSUKI, K. The Hymenophyllaceae of Asia, excluding Malesia. J. Fac. Sc. Univ. Tokyo III, 13 (1985) 501-551, 1 fig.
5 genera, 64 species; keys to genera and species; chromosome numbers.

- *JARRETT, J.M. Index Filicum, Supplementum quintum pro annis 1961-1975. Clarendon Press, Oxford, 1985. 245 pp.
With the collaboration of 4 other botanists at K this valuable volume was prepared. In some aspects it differs from previous ones because the names of all ranks between family and species have been included; infra-specific ones have been omitted, unless when they are basionyms. Only validly published names are given. Names of fern allies have also been taken up. Our congratulations.
- JOHNS, R.J. Altitudinal zonation of pteridophytes in Papuaia. Proc. Roy. Soc. Edinburgh 86B (1985) 381-389, 3 fig., 1 tab.
Tabulation of altitudes for genera: going eastward, the altitudes are depressed.
- KATO, M. A systematic study of the genera of the fern family Davalliaceae. J. Fac. Sc. Tokyo III, 13 (1985) 553-573, 5 fig., 1 tab.
Morphology; keys to genera and sections.
- KIRK, A.A. The distribution of two varieties of bracken (*Pteridium aquilinum* (L.) Kuhl) and some aspects of their ecology in Papua New Guinea. Science in New Guinea 11 (1984-1985) 7-19 (not seen).
- KORNÁS, J. Type material from Marian Raciborski's names of Malesian pteridophytes at the Herbarium Universitatis Jagellonicae Cracoviensis. Taxon 33 (1984) 752-755.
- Marian Raciborski jako Pteridolog. Zeszyty Naukowe Uniwersytetu Jagiellonskiego DCLII (1985) 17-27. (Polish).
Raciborski's papers on Pteridophytes analyzed, especially those with newly described taxa from Malesia.
- KUO, Chen-Meng. Taxonomy and phyto geography of Taiwanese Pteridophytes. Taiwania 30 (1985) 5-99, 28 fig. & maps, 6 tab.
Checklist of 617 taxa; 4 new species, 13 new records, 15 new combinations; 33 new synonyms.
- MITSUTA, S. Studies in the variation and systematics of Polypodiaceae. III. Comments on generic classification of Polypodiaceae and notes on venation and systematics of Polypodiaceae. Mem. Fac. Sc. Kyoto Univ., Biol. ser. 9 (1984) 133-155, fig. 750-997.
Comments on the situation in many genera with tentative conclusions.
- List of West Sumatran ferns and fern allies collected by Dr. M. Hotta and others during 1980-83 (3). Acta Phytotax. Geobot. 36 (1985) 73-85.
No new names.
- NAKAIKE, T. Notes on Plagiogyria from Japan and adjacent regions. Bull. Nat. Sc. Mus. 14 (1971) 2557-268, 3 fig.
Critical species compared; 2 new species, 2 new combinations, 3 new hybrids.

ROOS, M.C. New combinations in Aglaomorpha Schott (Polypodiaceae). *Blumea* 31 (1985) 153.

6 new combinations.

*----- Phylogenetic systematics of the Drynarioideae (Polypodiaceae). Thesis, Utrecht (1985) 302 pp, pl. 56, figs., maps 32, tab.

The work consists of two parts. The first one is an elaboration of cladistics for phylogenetic speculation, in the second one *Aglaomorpha* and *Drynaria* are monographed, the first with 15 species and 1 hybrid, the second with 16 species. In the key *Aglaomorpha* 32 has been omitted. There are no new taxa or combinations here, the latter were published in *Blumea* (see above). Some genera proposed by Copeland have been reduced.

SPICER, R.A., R.J. BURNHAM, P. GRANT & H. GLICKEN. *Pityrogramma calomelanos*, the primary, post-eruption colonizer of Volcán Chichonal, Chiapas, Mexico. *Amer. Fern. J.* 75 (1985) 1-5, 4 fig.

UFFELEN, G.A. VAN & E. HENNIPMAN. The spores of *Pyrrosia* Mirbel (Polypodiaceae), a SEM study. *Pollen & Spores* 27 (1985) 155-197, 11 pl., 1 tab.
51 species examined; 5 spore types, great diversity in ornamentation.

(e) Spermatophytes & General subjects :

AIKEN, S.R. & C.H. LEIGH. A second National Park for Peninsular Malaysia? The Endau-Rompin controversy. *Biol. Conserv.* 29 (1984) 253-276, 3 maps.
Proposed in 1972 but not yet established; situated astride the Pahang-Johore state borders, over 200,000 ha.

ALLEN, B.C.S.G. Notes on the vegetation at a variety of habitats in Brunei. *Brunei Mus. J.* 5/3 (1983) 200-221, 2 fig., 10 pl.
Forest formation types at various altitudes each with certain characteristic species.

ALMEIDA, S.M. & M.R. ALMEIDA. Nomenclatural notes on some plants from Maharashtra. *J. Bomb. Nat. Hist. Soc.* 81 (1984, publ. 1985) 741-743.
Mammea longifolia is *Embelia*; *Olea psittacorum* (Willd.) Vahl replaces *O. scandens* Roxb.

*ANONYMOUS. The common ornamental plants. Taiwan Provincial Dept. of Education, Taiwan, no date, 168 pp., many col. phot.
Beautifully illustrated book on Taiwanese ornamentals.

----- Dumoga-Bone National in Indonesia in Tropical Forests: a call for action. Part II. Case studied. *World Res. Inst.* (Oct. 1985) 40.
Very concise outline of park.

- . Food and fruit-bearing forest species. 2. Examples from Southeastern Asia. FAO For. Paper 44/2 (184) 167 pp, ill.
See Reviews.
- . Illegal plant collection in Malaysia. — Exposed: a racket that's robbing Borneo of the rare pitcher plant. Mal. Naturalist 38/3 (1985) 44-45; Borneo Bull. 27 Oct. 1984. See also Conservation.
- . The Palawan Botanical Expedition final report. Hilleshög Forestry AB (1985) 1-89, 25 pl., 18 figs (mainly maps), 34 tab. See summary by A.C. PODZORSKY in previous issue, p. 179-182. Many new records included in our chapter XI.
- . Report of the Selangor Branch Caving group Batu Kepayang 1984 Expedition, Taman Negara. Mal. Naturalist 38/3 (1985) 2-24, many fig. & maps, 2 tab. Report on the undescribed limestone caves.
- . A review of policies affecting the sustainable development of forest lands in Indonesia. (1985).
See Reviews.
- *-----. The wild woody plants of Taiwan. Taiwan Provincial Dept. of Education, Taiwan, no date, 175 pp., many col. phot.
Excellent, beautifully illustrated choice of Taiwanese ligneous plants.
- ARGENT, G.C.G. Vireya rhododendrons in Borneo. Notes Roy. Bot. Gard. Edinburgh 43 (1985) 53-61.
Re-assessment sect. Vireya; records of recent collections; notes on hybrids.
- ATMODIWIRJO, A.T.S. Maja (Aegle marmelos Corr.) kemungkinan pengembangan dan pengolahan buahnya. Bul. Kebun Raya 6 (1983) 35-38, 1 fig. (In Indonesian).
Potential uses of pulp and flavour for drinks and jams.
- AUSTIN, M.P. Continuum concept, ordination methods, and niche theory. Ann. Rev. Ecol. Syst. 16 (1985) 39-61, 2 fig.
- *AVÉ, W. Small-scale utilization of rotan by the Semai in West Malaysia. Leiden, 1985. 84 pp., 34 col. phot. Mimeogr.
Ethnobotanical study of 24 species of rattan with details on harvesting, uses, etc.
- BAILES, C. Kinabalu — Mountain of contrasts. Kew Mag. (incorp. Curtis's Bot. Mag.) 2 (1985) 273-284, 3 fig., 1 map.
General description; interesting species mentioned.
- BALAKRISHNAN, N.P. & N. BHARGAVA. The genus Curcuma L. (Zingiberaceae) on Andaman and Nicobar islands. J. Bomb. Nat. Hist. Soc. 81 (1984) 510-514, 1 pl.
Key to 4 species.

- BANERJEE, S.P. & B.B. PRAMANIK. Notes on Viola betonicifolia J.Sm. sensu lato in India. J. Bomb. Nat. Hist. Soc. 81 (1984) 521-525, 1 map.
3 subspecies.
- *BANERJI, M.L. & P. PRADHAN. The orchids of Nepal Himalaya. J. Cramer (Gantner Verlag), Vaduz (1984) 534 pp., 2 maps, 247 pl., 34 x 24 cm. DM 480.00. (Not seen).
Main source was the Herbarium of the Botanical Survey at Katmandu; 86 genera and 341 species, 247 illustrated on full page; 17 additions to the checklist by Hara c.s.; 2 new combinations in *Peristylus*.
- BANKS, E. Mountain birds and plate tectonics. Brunei Mus. J. 5/1 (1981) 78-91, 2 maps.
Occurrence of birds on mountains of Borneo with the forest biotopes, climate of Borneo and possible influence of the Ice Ages.
- BAWA, K.S., S.H. BULLOCK, D.R. PERRY, R.E. COVILLE & M.H. GRAYUM. Reproductive biology of tropical lowland rain forest trees. II. Pollination systems. Amer. J. Bot. 72 (1985) 346-356, 2 tab., 4 appendices.
Observations made in Costa Rica; in appendices species listed with their pollinators.
- BEAMAN, J.H. & A. JUMAAT. Observations on Rafflesia in Sabah. Sabah Soc. J. 7 (1983) 208-212 (not seen).
- *BENNETT, K.S. The tropical Asiatic slipper orchids, genus Paphiopedilum. Angus & Robertson Publ. (1985) 91 pp., 84 col. phot. £ 9.95
Account of genus in tropical Asia, each species described.
- BETHEL, J.S. Sometimes the word is 'weed': a critical look at lesser-known species. Unasylva 36 (1984) 17-22.
See Reviews.
- *BIRK, L.A. The Paphiopedilum grower's manual. Pisang Press, Santa Barbara, CA 93101, U.S.A. (1983) 207 pp., many col. phot.
Descriptions and excellent photographs of several Malesian species.
- *BLEEKER, P. Soils of Papua New Guinea. CSIRO & ANU Press (1983) 352 pp. Aus\$ 14.95.
- BOGNER, J. Cryptocoryne usteriana Engler und Cryptocoryne aponogetifolia Merrill. Aqua-Planta 9/4 (1984) 7-13, 8 fig.
- Cryptocoryne edithiae De Wit. Aqua-Planta 10/4 (1985) 17-19, 3 fig.
A swamp species found North of Sampit, Kalimantan, in blackwater, fully described.
- , S.J. MAYO & M. SIVADASAN. New species and changing concepts in Amorphophallus. Aroideana 8 (1985?) 14-25, 14 fig.

Thomsonia reduced; 1 new species from Borneo, 2 new combinations for South-east Asia.

BOURKE, R.M. Sweet potato (Ipomoea batatas) production and research in Papua New Guinea. Papua New Guinea J. Agric., For. & Fish. 33 (1985) 89-108, 4 pl., 1 map, 5 tab.

BRIDSON, D.M. & E. ROBBRECHT. Further notes on the tribe Pavetteae (Rubiaceae). Bull. Jard. Bot. Nat. Belg. 55 (1985) 83-115, 12 fig.
Survey of the genera with casual remarks on Malesian ones.

BROUNS, J.J.W.M. A preliminary study of the seagrass Thalassodendron ciliatum (Forssk.) Den Hartog from Eastern Indonesia. Biological results of the Snel-lius II Expedition. Aquatic Bot. 23 (1985) 249-260, 5 fig., 1 tab.
Observations in the Moluccas and South Celebes.

----- & F.M.L. HELJS. Tropical seagrass ecosystems in Papua New Guinea. A general account of the environment, marine flora and fauna. Proc. Kon. Ned. Akad. Wet. Amsterdam, C, 88 (1985) 145-182, 11 fig., 3 tab., 10 pl.
Observations in the vicinity of Port Moresby. Seagrass meadows consist of 7 species, dominated by *Thalassia hemprichii*; account of algae and abiotic factors; list of macrofauna.

BRUGGEN, H.W.E. VAN. Eine neue Aponogeton-Art aus Sri Lanka. Aqua-Planta 9/1 (1984) 14-17, 5 fig.

----- Monograph of the genus Aponogeton (Aponogetonaceae). Bibl. Bot. 137 (1985) 1-76, 6 fig., 23 pl., 11 maps, 2 tab., 1 fold-out fig.
An excellent monograph, preceded by many general chapters on the morphology and anatomy in the widest sense; 43 species described and typified; profusely illustrated, distribution maps; no infra-generic distinction seems possible; identification list. Our congratulations with this monumental treatise.

BUNT, J.S., W.T. WILLIAMS & E.D. BUNT. Mangrove species distribution in relation to tide at the seafront and up rivers. Aust. J. Mar. Freshw. Res. 36 (1985) 481-492, 4 fig., 5 tab.
Especially relating to altitude, tidal patterns in Australia.

*BUT, P.P.-H., L.-C. CHIA, H.-L. FUNG & S.-Y. HU. Hong Kong bamboos. Urban Council Hong Kong (1985) 85 pp., 4 fig., many col. phot.
See Reviews.

CARLQUIST, S. & D.A. HOEKMAN. Wood anatomy of Staphyleaceae: ecology, statistical correlations, and systematics. Flora 177 (1985) 195-216, 32 fig., 2 tab.
Study indicates affinity to Cunoniaceae.

CHAI, P. & G. RADCLIFFE. Ant plants and carnivorous plants of the kerangas scrub vegetation, Bako National Park. Nat. Malaysiana 9/2 (1984) 18-27, col. phot.

Lively account of all these plants which abound in the kerangas heath forest. Unfortunately some are misidentified: *Drosera spathulata* = *D. burmannii*, *Utricularia nummularis* is a non-existing name.

CHAIANAN, C. Studies in Thai flora. 3. Potamogetonaceae. Thai For. Bull. (Bot.) 15 (1985) 22-28, 4 fig.
Key to 4 species.

CHAMBERLAIN, D.F. & C.M. HU. A synopsis of Berberis section Wallichianae. Notes Roy. Bot. Gard. Edinburgh 42 (1985) 529-557, 1 fig.
Key to 75 species.

CHANG, H.-T. Dilleniaceae. Fl. Reipubl. Pop. Sin. 49/2 (1984) 190-195, 1 fig.

----- & R.-H. MIAU. Myrtaceae. Fl. Reipubl. Pop. Sin. 53/1 (1984) ii-viii + 28-135, pl. 6-34.
16 genera, many species, also cultivated ones; no novelties.

CHAUHAN, K.P.S. & P.E. BRANDHAM. Chromosome an DNA variation in Amorphophallus (Araceae). Kew Bull. 40 (1985) 745-758, 8 fig., 2 tab.
Two basic numbers: 13, 14; one triploid.

CHAYAMARIT, K. Studies in Thai flora. 2. Zygophyllaceae. Thai For. Bull. (Bot.) 15 (1985) 15-21, 3 fig.
2 genera, 2 species.

CHEN, C. Melastomataceae. Fl. Reipubl. Pop. Sin. 53/1 (1984) viii-xv + 135-293, pl. 35-57.
25 genera, many species; no novelties.

CHEN, C.-J. Sphaerotylos C.J. Chen — A remarkable new genus of Urticaceae from China, with notes on stigmas in the family. Acta Phytotax. Sin. 23 (1985) 451-456.

Belongs to Boehmerieae, characterized by annular stigma and bulbous connective.

CHEN, S.-K. New taxa of the genus Trichosanthes L. (Cucurbitaceae) from China. Bull. Bot. Res. N.-E. For. Inst., Harbin, China 5 (1985) 113-121, 3 fig. (In Chinese).
3 new species and some new varieties.

CHIN, S.C. Shifting cultivation, a tropical land-use system. Wallaceana 38 (1985) 3-7, 2 phot.

General observations on soils, weeds, pests, multiple cropping; possible solutions to shifting cultivation.

*CO, L.L. & Y.B. TAGUBA. Common medicinal plants of the Cordillera Region (Northern Luzon), Philippines. (1984).
See Reviews.

- COLLINS, N.M., J.D. HOLLOWAY & J. PROCTOR. Notes on the ascent and natural history of Gunung Api, a limestone mountain in Sarawak. Sarawak Mus. J. n.s. 33 (1984) 219-234, 2 fig, 1 map.
In G. Mulu National Park; notes on flora and fauna; plant list; zonal vegetation types and dominants; the upper mountain zone (1200-1710 m) with *Dacrydium*, *Leptospermum*, *Pandanus* and *Phyllocladus* facies.
- *COMBER, J.B. Wayside orchids in Southeast Asia. Heineman Educ. Books (Asia) Ltd., Singapore (1981) 28 pp, 16 col. pl., 31 col. phot., 14 text-fig. Sing\$ 5.95 (excl. postage).
Slim, cheap paperback giving a good pictorial introduction to the commoner orchid genera.
- CONNOR, H.E. The effect of Australian dicotyledons on the taxonomy of the Angiosperms. Austr. Syst. Bot. Soc. (ASBS) Newsl. 43 (1985) 1-15, 8 tab.
Analysis of representative genera in various families in Australia as compared with world distribution.
- CONRAN, J.G. & H.T. CLIFFORD. The taxonomic affinities of the genus Ripogonum. Nordic J. Bot. 5 (1985) 215-219, 3 fig., 3 tab.
Analysis of characters would remove it from the alliance with *Smilax* and erect a new family for it.
- COODE, M.J.E. Aristotelia and Vallea, closely related in Elaeocarpaceae. Kew Bull. 40 (1985) 479-507, 10 fig., 1 map.
Vallea with 1 species in North America; *Aristotelia* with 5 species in the South Pacific (Australia, New Zealand, southern South America).
- CORNER, E.J.H. Essays on Ficus. Allertonia 4 (1985) 125-168, 8 fig., 1 tab.
A lively discussion about the place of *F. albipila*, its description and range; origin and distribution of strangling figs; relations and the ancestral tendencies within subgenus *Urostigma*; biogeography of *Ficus* with rejection of Croizat's theories; remarks on *F. religiosa*.
- Ficus (Moraceae) and Hymenoptera (Chalcidoidea): figs and their pollinators. Biol. J. Linn. Soc. 25 (1985) 187-195, 1 tab.
Attempts to meet discrepancies between botanical classification with that of pollinators; assumption that botanical evolution of infra-generic taxa preceded that of the insects.
- The botany of some islets East of Pahang and Johore. Gard. Bull. Singapore 38 (1985) 1-42, 20 pl., 6 fig., 1 tab.
Pre-war observations; description of vegetation and transects.
- CRIBB, P. The saprophytic genus Corsia in the Solomon Islands. Kew Mag. (incorp. Curtis's Bot. Mag.) 2 (1985) 320-323, 1 fig.
Corsia pyramidata.

- , R.E. HOLTUM, J. STEWART, G. SEIDENFADEN & E.A. SCHELPE. A note on automatic transfers. *Taxon* 34 (1985) 122-124.
The undesirability of automatic transfers not based on actual research. See for a disastrous example the entree under Rauschert, below.
- , T. REEVE & P. WOODS. The genus *Dendrobium* in New Guinea. *Kew Mag. (incorp. Curtis's Bot. Mag.)* 2 (1985) 291-308, col. pl. 37-42, 6 fig.
General remarks; special treatment of *D. cuthbertsonii*, *D. hellwigianum*, *D. rhodostictum*, *D. tapniense*, *D. vexillarius*, *D. violaceum*, all with full synonymy.
- CROAT, T.B. Collecting and preparing specimens of Araceae. *Ann. Missouri Bot. Gard.* 72 (1985) 252-258, 8 fig.
A must for every field collector; special notes for specified genera.
- *DAHLGREN, R.M.T., H.T. CLIFFORD & P.F. YEO. The families of the Monocotyledons. (1985).
See Reviews.
- DAI, C.D. & G.P. YAKOVLEV. A conspectus of the species of the genus *Canarium* (Burseraceae) in the flora of Vietnam. *Bot. J. U.S.S.R.* 70 (1985) 782-786, 1 fig.
Key to 7 species; 1 new species and new name.
- *DASSANAYAKE, M.D. (Ed.). A revised handbook to the Flora of Ceylon. 5. (1985) 476 pp., ill.
Treatments of Annonaceae (H. HUBER), Balsaminaceae (C. GREY-WILSON), Bixaceae (M.D. DASSANAYAKE), Cochlospermaceae (id.), Cyperaceae (T. KOYAMA) and Rutaceae (B.C. STONE).
- DAVIS, P.H. Why is the flora of Turkey interesting and important? *Kew Mag. (incorp. Curtis's Bot. Mag.)* 2 (1985) 357-367, 3 fig., 1 diagr., 2 maps.
An excellent argumentation about the importance of large regional floras and their execution.
- DAWSON, J.W. New species of New Caledonian *Tristaniopsis* Brongn. & Gris (Myrtaceae) and comments on other species. *Bull. Mus. Nat. Hist. Nat. Paris* 4e Ser., 7 (1985), Sect. B, *Adansonia* 2, 177-193, 7 pl.
Key to the 13 (7 new) New Caledonian species.
- DEB, D.B. & R. DUTTA Further nomenclatural changes in *Hedyotis* (Rubiaceae) of South Asia. *Taxon* 34 (1985) 296-297.
6 species listed, 2 Malesian.
- & M. GANGOPADHYAY. New species of *Psychotria* (Rubiaceae) from Indian sub-continent. *J. Bomb. Nat. Hist. Soc.* 81 (1984) 439-444, 3 fig.
3 new species, 2 from Burma, 1 from Sri Lanka.

- *DOBAT, K. & T. PEIKERT-HOLLE. Blüten und Fledermäuse. Bestäubung durch Fledermäuse und Flughunde (Chiropterophilie). Waldemar Kramer Verlag, Frankfurt a. Main: Senckenberg Buch 60 (1985) 370 pp., 108 fig., 23 tab.
A profusely illustrated book treating all aspects of the subject with full attention to the ecology of bats; bats and bat-flowering plants listed; bats date from the lower part of the Tertiary.
- DUPUY, D.J., B.V. FORD-LLOYD & P.J. CRIBB. A numerical taxonomic analysis of Cymbidium, section Iridorchis (Orchidaceae). Kew Bull 40 (1985) 421-434, 4 fig.
Artificial crossings cause fertile seed; 8 species with their synonymy.
- DURYAT, H.M. & L.P. VAN LAVIEREN. Training personnel for Indonesia's protected areas. Parks 7/2 (1982) 6-9, 2 phot., 2 tab.
- DUTTA, T.R., R. AHMED, S.R. ABBAS & M.K.V. RAO. Plants used by Andaman aborigines in gathering rock-bee honey. Econ. Bot. 39 (1985) 130-138, 8 fig.
Sap of *Orophea katschallica* used to repel dangerous bees while extracting honey. The sap of *Amomum aculeatum* and *Zingiber squarrosus* acts as a tranquilizer for these bees.
- DY PHON, P. & J.E. VIDAL. Les Légumineuses-Papilionoïdées du Cambodge: place systématique, noms Khmers et usages éventuels. Seksa Khmer 7 (1984) 215-245, 13 pl.
- ELLENBERG, H. Unter welchen Bedingungen haben Blätter sogenannte 'Träufelspitzen'? (Site conditions under which leaves develop so-called 'drip tips', English summary). Flora 176 (1985) 169-188, 15 fig., 3 tab., 1 map.
A number of intelligent observations; the function with regard to drying the leaf is rejected; relation to climate is obvious.
- ENDRESS, P.K., B.P.M. HYLAND & J.G. TRACEY. Noahdendron, a new Australian genus of the Hamamelidaceae. Bot. Jb. 107 (1985) 369-378, 29 fig.
A third genus from Queensland for the family related to the 2 others.

& F.B. SAMPSON. Floral structures and relationships of the Trimeniaceae (Laurales). J. Arn. Arb. 64 (1983) 447-473, 65 fig., 2 tab.
Morphology; observations on *Trimenia papuana*; difference with *Piptocalyx* is slight.
- ESSIG, F.B. & B.E. YOUNG. A reconsideration of Gronophyllum and Nengella (Arecoideae). Principes 29 (1985) 129-137, 3 fig.
Revision; key to 29 species; because of reduction of *Nengella* new combinations.
- EUSSEN, J.H.H. & S. WIRJAHARDJA. Studies of an alang-alang (Imperata cylindrica (L.) Beauv.) vegetation. BIOTROP Bull. 6 (1973) 1-24, 18 fig., 4 tab.
Root competition; allelopathy; *Eupatorium odoratum* able to conquer alang²; several other species also mentioned.

- FADEN, R.B. Overlooked combinations in the Commelinaceae published by Robert Sweet and J.C. Loudon. *Taxon* 34 (1985) 295-296.
Aneilema, Cyanotis.
- FARJON, A. Pines. Drawings and descriptions of the genus Pinus. E.J. Brill / Dr. W. Backhuys, Leiden (1984) 220 pp, many figs & maps. Folio.
Fair introduction; no keys; each species illustrated and described with distribution. *Pinus insularis* is kept apart from *P. kesiya* which is mentioned under *P. khasyana*.
- FARR, E.R., J.A. LEUSINK & G. ZIJLSTRA. Index Nominum Genericorum. Supplementum I.. Regnum Vegetabile 113 (1986) xiv, 125 pp. ISBN 90 313 0678 9.
First supplement to the nomenclaturist's manual; next issues planned to appear every 5 years; 2500 new names, 1150 substantially corrected, 186 necessary deletions in ING indicated; coverage of hepatics fairly complete through 1981; fungi, lichens, mosses through 1983; algae and ferns through 1984; phanerogams not systematic since 1975; nomenclature of ING not corrected because of changes caused by the Sydney Code (especially Fungi affected!).
- FENG, K.-M. Malvaceae. *Fl. Reipubl. Pop. Sin.* 49/2 (1984) 1-102, 27 fig.
- FERNANDES, R.B. Notes sur les Verbenaceae. I. Remarques sur quelques espèces de Stachytarpheta Vahl. *Bol. Soc. Brot.* II, 57 (1984) 87-111.
Typifications.
- FINLAYSON, M., R.I. FORRESTER, D.S. MITCHELL & A.J. CHICK. Identification of native Typha species in Australia. *Austr. J. Bot.* 33 (1985) 101-107, 3 fig., 2 tab.
Two native species: *T. domingensis* and *T. orientalis* (endemic); *T. latifolia* is introduced.
- FLORIJN, P.J. Geschiedenis van de eerste Hortus Medicus in Indië. *Tijdschr. Gesch. Geneesk. Natuurwet. Techn.* 8 (1985) 209-221, 2 maps (In Dutch).
Details about the Botanical Garden at Jakarta (1757-± 1762) for medical purposes erected by C. Kleynhoff under Governor General Mossel. According to the Catalogue it contained ca. 900 numbers (probably 600 species). Material was sent to Linnaeus. Governor General Van der Parra after his succession to Mossel abruptly sold the garden.
- FORMAN, L.L. A revision of tribe Fibraureae (Menispermaceae) in Asia. The Menispermaceae of Malesia and adjacent areas. XIII. *Kew Bull.* 40 (1985) 539-551, 1 fig.
Revision of *Tinomiscium* (1 species) and *Fibraurea* (2 species); many reductions.
- FORSTER, P.I. (790) Proposal to conserve 6870 Brachystelma against Microstemma (Asclepiadaceae). *Taxon* 34 (1985) 318-319.

- FOSBERG, F.R. & D. HERBST. A Nesogenes (Chloanthaceae) from Micronesia. *Micronesica* 19 (1983) 11-15, 2 fig.
The genus is known from East Polynesia and the Western Indian Ocean islands, Madagascar and East Africa. An interesting sort of link in Micronesia, in the Marianas (Rota Isl.); habitat coastal limestone, at ca. 100 m alt.
- *FRODIN, D.G. Guide to standard floras of the world. (1984).
See Reviews.
- GARNOCK-JONES, P. Please look for Ceratocephalus in Australia. *Austr. Syst. Bot. Newsl.* 44 (Sept. 1985) 10.
Minute herb; 2 species in South Europe and Asia minor, a third one in New Zealand, a most curious distribution.
- GHANI, F.D. Keys to the cultivars of Keladi (Colocasia esculenta, Araceae) in Peninsular Malaysia. *Gard. Bull., Singapore* 37 (1984) 199-208, 6 col. pl.
Keys.
- GRAHAM, S.A. A revision of Ammannia (Lythraceae) in the Western hemisphere. *J. Arn. Arb.* 66 (1985) 395-419, 4 maps, 4 tab.
Bibliography, ecology, chemotaxonomy, palynology; key to 5 species, 1 in Malesia.
- GRAY, B. & D.L. JONES. Miscellaneous notes on the orchids of North-eastern Queensland. 2. Corybas neocaledonicus, Nervilia crocififormis. Two new orchids recorded. *The Orchadian* 8 (1985) 108-111, 2 pl.
- GRUEZO, W.S. & E.S. FERNANDO. Notes on Phoenix hanceana var. philippinensis in the Batanes Islands, Philippines. *Principes* 29 (1985) 170-176, 6 fig.
- GRUSHVITZKY, I., N. SKVORTSOVA, H.T. DUNG & N. ARNAUTOV. Conspectus familiae Araliaceae Juss. florum Vietnami. *Nov. Syst. Pl. Vasc.* 22 (1985) 153-191.
A large enumeration with full synonymy and citation of specimens; curiously, Philipson's treatment in the Flora Malesiana has been neglected; no novelties.
- HABER, A. The hybrid identity and taxonomic status of Pyrola sikkimensis (Ericaceae) from Eastern Himalaya. *Canad. J. Bot.* 63 (1985) 133-137, 4 fig.
Declared a hybrid between *P. minor* and *P. rotundifolia*.
- *HAMILTON, L.S. & S.C. SNEDAKER (Eds.) Handbook for mangrove area management. United Nations Environment Programme & East-West Center, Environment & Policy Institute (1984) 123 pp, 44 fig., 20 tab.
An excellent, many-sided view on mangrove topics, incl. animals, and many commercial aspects.
- HANSEN, B. Cosmianthemum knoxiifolium (C.B. Clarke) B. Hansen, comb. nov. (Acanthaceae). *Nordic. J. Bot.* 5 (1985) 195-197, 2 fig.
From South Thailand and Malesia.

- . Notes on Andrographis and Gymnostachyum (Acanthaceae). Nordic J. Bot. 5 (1985) 353-356, 3 fig.
Andrographis laxiflora with synonymy; 2 Gymnostachyum species, 1 with a new combination.
- . Notes on the genus Sphinctacanthus (Acanthaceae). Nordic J. Bot. 5 (1985) 225-228, 2 fig.
Reduced to a monotypic, Indian genus; 5 species are referred to 4 other genera.
- . Studies on the Acanthaceae of Thailand. Fl. Mal. Bull. 9/2 (= 38) (1985) 173-178.
An important general discussion and critical list of all genera occurring in Thailand (40 genera; 230 species). Justicia and Strobilanthes are accepted in the wider sense, as opposed to Bremekamp's splitting of these genera.
- . A taxonomic revision of the Asian genus Leptostachya (Acanthaceae). Nordic J. Bot. 5 (1985) 469-473, 4 fig.
1 species, also in Malesia; full synonymy.
- . Taxonomic revision of the S.E. Asian species of Isoglossa (Acanthaceae). Nordic J. Bot. 5 (1985) 1-13, 5 fig., 1 tab.
Key to 8 species, 2 Malesian, all with new combinations, many names reduced; pollen described.
- HANSEN, C. Notes on some foliar glands mainly in Asiatic genera of the Melastomataceae. Bot. Jb. 106 (1985) 15-22, 3 fig.
Minute hyaline glands in 9 genera, which can be used for discrimination; key.
- . A revision of the genus Neodriessenia Nayar (Melastomataceae). Bot. Jb. 106 (1985) 1-13, 2 fig., maps.
Key to 8 related genera; in Neodriessenia key to 6 species, 2 new.
- . Stussenia, a new genus in the Melastomataceae. Willdenowia 15 (1985) 175-176, 1 tab.
Blastus membranifolius Li from China; compared to Neodriessenia; new combinations.
- . Taxonomic revision of Driessenia (Melastomataceae). Nordic J. Bot. 5 (1985) 335-352, 11 figs., maps.
Triuranthera reduced; key to 14 species, 5 new, 1 new combination.
- HANSEN, H.V. A taxonomic revision of the genus Gerbera (Compositae, Mutisieae) sections Gerbera, Parva, Piloselloides (in Africa), and Lasiopus. Op. Bot. 78 (1985) 5-36, 2 fig, 11 maps, 1 tab.
Revision; keys to the sections and species; Malesian species belong to Piloselloides as a section, not a distinct genus, as accepted by Jeffrey; identification lists.

- HARA, H. Comments on East Asiatic plants (17). J. Jap. Bot. 60 (1985) 230-238, 1 fig.
Many transfers into *Isodon*, which is usually regarded as part of *Plectranthus* or *Rabdosia* (Labiatae).
- Variation and diversity in the flowering plants of East Asia, in HARA, H. (Ed.), Origin and evolution of diversity in plants and plant communities. Academia Scientific Book, Inc., Tokyo (1985) 115-123, 8 fig.
A number of striking deviations are mentioned from a large array of taxa; most interesting!
- HARTLEY, T.G. A revision of the genus Medicosma (Rutaceae). Austr. J. Bot. 33 (1985) 27-64, 10 fig., 3 maps.
Originally thought to be monotypic, but now with 22 species, many new (6 in Australia, 1 New Guinea, 15 New Caledonia); *Coombea* reduced.
- HESELDTINE, C.W. Fungi, people, and soybeans. (See under Fungi).
- HIEPKO, P. A revision of Opiliaceae. III. Urobotrys Stapf. Bot. Jb. 107 (1985) 137-52, 4 fig.
Key to sections, species (7), and subspecies.
- HILLEGERS, P. Storm over Cibodas en Gunung Gede-Pangrango. Panda 21 (1985) 164-166, 3 phot., 1 map (In Dutch).
The Botanic Gardens at Cibodas (W. Java) and adjacent nature reserve suffered considerably from a local storm. In all some 400 large trees were felled and some 500 ha in the reserve suffered heavily. The fallen wood will remain in the forest for a 'nature experiment' (see also p. 160).
- HO, F.-C. Notes on the genus Entada of Taiwan. J. Taiwan Mus. 38 (1985) 75-80, 1 fig., 8 phot.
Key to 3 species and 1 variety; 1 new combination for the variety.
- HO, T.-N. A study of the genus Gentiana of China (IV). Bull. Bot. Res., N.E. For. Univ., Harbin, China 5/4 (1985) 1-22, 2 fig., 1 tab.
247 species in China; subdivision based on the system of Kusnezow; many new names for sections and series.
- HOLBROOK, N.M., F.E. PUTZ & P. CHAI. Above-ground branching of the stilt-rooted palm, Eugeissona minor. Principes 29 (1985) 142-146, 5 fig.
- HORE, D.K. & N.P. BALAKRISHNAN. Orchids of Great Nicobar Island and their conservation. J. Bomb. Nat. Hist. Soc. 81 (1984; publ. 1985) 626-635.
Species listed; strategies and measures for conservation proposed.
- HOTTA, M. New species of the genus Homalonema (Araceae) from Sumatra with a short note on the genus Furtadoa. Gard. Bull., Singapore 38 (1985) 43-54, 8 fig.

5 new species from Central West Sumatra; 1 new combination in *Furtadoa* from Peninsular Malaysia.

- HSU, T.-Z. Combretaceae in Fl. Reipubl. Pop. Sin. 53/1 (1984) i--i, 1-28, pl. 1-5.
6 genera, 23 species; no novelties.
- HSUE, H.-H. Sterculiaceae in Fl. Reipubl. Pop. Sin. 49/2 (1984) 112-189, 25 fig.
- *HSUE, K.-S. The wild woody plants of Taiwan. (1984).
See Reviews.
- HUANG, S.-F. Polycarpaea corymbosa (L.) Lam. (Caryophyllaceae): a newly found plant in Taiwan. *Taiwania* 30 (1985) 1-3, 1 fig.
- HWANG, S.-M. New material of Mallotus L. from China. *Acta Phytotax. Sin.* 23 (1985) 293-301, 1 fig. (In Chinese).
11 species with varieties.
- IRAWATI, Tinjauan pada koleksi marga Dendrobium di Kebun Raya Bogor. (A view on *Dendrobium* collections in the Bogor Botanical gardens). *Bul. Kebun Raya* 6 (1983) 53-57, 1 tab. (In Indonesian).
179 species of *Dendrobium* cultivated at Bogor.
- JACOBSEN, N. The *Cryptocoryne* (Araceae) of Borneo. *Nordic J. Bot.* 5 (1985) 31-50, 6 figs. & maps.
Key to 14 species, 1 new, 11 endemic; several reductions.
- JAFARSIDIK, Y. & W. MELJER. Rafflesiaceae di Jawa. *Bul. Kebun Raya* 6 (1983) 73-76. (In Indonesian).
History, descriptions, key to 2 species of *Rafflesia* and 1 of *Rhizanthus*.
- JOHNS, R.J. The vegetation and flora of the South Naru area (Madang Province), Papua New Guinea. *Klinkii* 3 (1985) 70-83, 14 fig., 1 tab.
Excellent treatment of vegetation, structure profiles; disturbance by man through shifting cultivation; several natural factors also effected the vegetation.
- JONES, D.T. Gymnosperms of Malaysia. The Cycads. *Nat. Malaysiana* 9/3 (1984) 4-11, col. phot.
Excellent extensive description of *Cycas rumphii* and *C. siamensis* which occur only on limestone hills in the extreme North of Malaya; *C. revoluta* is cultivated.
- Portraits of threatened plants. 1. *Burkillanthus malaccensis* (Ridley) Swingle. 2. *Glycosmis perakensis* Narayanaswamy. Rutaceae. *Malayan Nat.* 38/4 (1985) 10-11, 2 phot.

- KAK, A.M. Aquatic knot weeds of the Kashmir Himalayas. J. Bomb. Nat. Hist. Soc. 81 (1984) 514-518.
Key to 7 species of Polygonum.
- Family Alismataceae in the Kashmir Himalayas. J. Bomb. Nat. Hist. Soc. 81 (1985) 506-508, 2 pl.
Key to 3 species of Alisma and Sagittaria.
- KAMEN-KAYE, D. Studies in bark cloth: I. Polynesia. Bot. Mus. Leaflet, Harvard Univ. 30 (1984) 53-84, 2 pl.
From Artocarpus, Broussonetia, Ficus; dyes.
- KARTAWINATA, K. Chydenanthus Miers (Lecythydaceae): a correction. Reinwardtia 10 (1985) 113.
- KATOH, K. The vanishing tropical rain forests of Indonesia. Tukar-Menukar 4 (1985) 39-45, 2 pl.
In Lampong Distr., S. Sumatra.
- KERENGA, K. & J.R. CROFT. Brief notes on the vegetation at the collection sites on the Division of Botany Expedition to Manus, 1981. Science in New Guinea 11 (1984-1985) 43-50 (not seen).
- *KESSLER, P.J.A. Revision der Gattung Orophea Blume (Annonaceae) auf dem Sunda-Archipel. Thesis Univ. Kaiserslautern, Germany (1984) 41 pp.
The author follows Sinclair in recognizing Pseuduvaria next to Orophea; in Malesia 6 species; key and synopsis; 5 species formerly under Orophea belong to other genera, 4 species cannot be placed to inadequate material.
- KEVAN, P.G. & A.J. LACK. Pollination in cryptically dioecious plant Decaspermum parviflorum (Lam.) A.J. Scott (Myrtaceae) by pollen-collecting bees in Sulawesi, Indonesia. Biol. J. Linn. Soc. 25 (1985) 319-330, 4 tab.
- KIEW, R. Commercial collecting of wild plants in Malaysia. Mal. Naturalist 38/3 (1985) 48-50.
How legal protection can be achieved and is so urgent and desirable.
- *----- Ekologi tahi Lombong bijih timah. Translated by S.B. Ahmad. Malayan Nat. Soc., Kuala Lumpur (1984) 20 pp, 16 b/w phot. Mal\$ 3.00.
The second in an educational series for schools. On tin tailing habitats.
- Notes on the systematy of Malayan species of Chionanthus (Oleaceae). Gard. Bull., Singapore 37 (1984) 209-212.
4 species, 1 new combination.
- Preliminary pollen study of the Oleaceae in Malesia. Gard. Bull., Singapore 37 (1984) 225-230, 1 pl, 4 tab.

- & Y.G. CHONG. The limestone flora of the Batu Luas area, Taman Negara. Mal. Naturalist 38/3 (1985) 30-35, 5 fig., 1 tab.
Most interesting account of the typical limestone flora which contains so many rare species; notes on 17 of them belonging to Asclepiadaceae, Balsaminaceae, Begoniaceae, Euphorbiaceae, Gesneriaceae, Pandanaceae, Piperaceae, Rafflesiaceae, Rhamnaceae, Rubiaceae, Urticaceae; checklist; new combination in Epithema based on an Argostemma.
- KITCHING, R. Sulawesi. Rainforest protection in the Third World. Austral. Nat. Hist. 21/10 (1985) 440-442, 3 fig.
Popular account of Dumoga Nat. Park in N. Celebes. The paper is followed by one on the anoa and babirusa.
- KITTREDGE, W. Notes on the orchid flora of New Guinea. I. Bot. Mus. Leafl., Harvard Univ. 30 (1984) 95-102.
47 new combinations or new names; precursor to an intended checklist of New Guinea Orchidaceae; key to species related to Octarrhena bilabiata.
- KLAASSEN, A. Over Pholidota (ratelslangorchideeën). Orchideeën 47 (1985) 162-163, 2 col. phot. (In Dutch).
2 species depicted.
- KLACKENBERG, J. The genus Exacum (Gentianaceae). Op. Bot. 84 (1985) 1-144, 118 figs & maps, 1 col. pl.
A beautiful full monograph; 65 species recognized, 1 in Malesia: *E. tetragonum* Roxb., a former mention of *E. cf. cambodianum* in Blumea 12, 1963, 16, fig. 1, is reduced to it as a depauperate form.
- KOELEWIJN, J.C. Paphiopedilum lowii (Lindl.) Pfitz. Orchideeën 47 (1985) 170-171, col. phot. on p. 162 (In Dutch).
- Phalaenopsis gigantea (J.J. Smith). Orchideeën 48 (1986) 7-8, col. phot. on p. 2.
J.J.S is the author of the combination!
- KONDO, K. Three new species of Drosera L. from Australia. Bol. Soc. Brot. II, 577 (1984) 51-60, 3 pl.
All closely allied to *D. petiolaris* R. Br.
- KONING, R. DE & M.S.M. SOSEF. The Malesian species of Paspalum L. (Gramineae). Blumea 30 (1985) 279-318, 9 fig.
14 species in Malesia, 5 in cultivation; *P. scrobiculatum* with 5 varieties, 2 with new combinations; identification list.
- KORTHOFF, H.M. & J.F. VELDKAMP. A revision of Aniselytron with some new combinations in Deyeuxia in S.E. Asia (Gramineae). Gard. Bull., Singapore 37 (1984) 213-223, 1 fig.
Aniselytron (formerly *Aulacolepis*) with 2 species; in *Deyeuxia* 3 new combinations, 1 new name.

- KOSTERMANS, A.J.G.H. Family status for the Monotoideae Gilg. and the Pakaraimoi-deae Ashton, Maquire and De Zeeuw (Dipterocarpaceae). *Taxon* 34 (1985) 426-435, 4 fig.
The African Monotoideae, including the South American Pakaraimaea are more closely allied to the Tiliaceae.
- A new Litsea (Lauraceae) from Malesia. *Reinwardtia* 10 (1985) 207-209, 1 fig.
Litsea hirsutior from Malaya.
- Two new Chrysobalanaceae of Eastern New Guinea. *Reinwardtia* 10 (1985) 123-125.
1 new *Hunga* and *Parinari* from Papua New Guinea.
- KOYAMA, H. Taxonomic studies in the Compositae of Thailand. 5. *Acta Phytotax. Geobot.* 36 (1985) 59-68, 1 fig.
Many species also in Malesia, almost all common weeds and several introduced; no novelties.
- Taxonomic studies in the Compositae of Thailand. 6. *Acta Phytotax. Geobot.* 36 (1985) 167-172, 3 fig.
- LAUBENFELS, D.J. DE. A taxonomic revision of the genus Podocarpus. *Blumea* 30 (1985) 251-278.
1 new subgenus, 17 new sections, 94 species (11 new); 2 keys to sections, each section with key to the species.
- LANLY, J.P. Shifting cultivation. *Unasylva* 37 (1985) 17-21.
See Reviews.
- LEACH, G.J. & S. BURGIN. Litter production and seasonality of mangroves in Papua New Guinea. *Aquatic Bot.* 23 (1985) 215-224, 5 fig., 1 tab.
Major leaf fall and greatest flowering in wet season, except for *Sonneratia alba*.
- *----- & P.L. OSBORNE. Freshwater plants of Papua New Guinea. University of Papua New Guinea Press (1985) 254 pp, 59 fig., 32 col. phot.
See Reviews.
- LEE, C.K. Variation in orchid hybrids: strap-leaved Vanda. *Nat. Malaysiana* 9/4 (1984) 22-27, col. phot.
- LEE, D. The durian, a most magnificent and elusive fruit. *Fairchild Trop. Gard. Bull.* 40/2 (1985) 18-27.
Natural history of the durian. It cannot be cultivated in Florida to gain success and never sets fruit. Poor Yankees (?).
- LEENHOUTS, P.W. An attempt towards a natural system of Harpullia (Sapindaceae). *Blumea* 31 (1985) 219-234, 2 fig.

- LEEUEWENBERG, A.J.M. Voacanga Thou. Agric. Univ. Wageningen Papers 85-3 (1985) 5-80, 14 fig., 9 maps, 3 col. phot., 1 chart.
 Monograph; differences with *Tabernaemontana*; key to 12 species, of which 7 in Africa and 5 in Malesia; no new combinations. The revision is followed by two articles by Dr. N.G. BISSET on the phytochemistry and uses of *Voacanga* spp.
- LI, H. Bombacaceae in Fl. Reipubl. Pop. Sin. 49/2 (1984) 102-112, 3 fig.
- Notes on the genus Stachyphrynium K. Schumann (Marantaceae). Acta Phytotax. Sin. 23 (1985) 144-148, 1 fig., 1 tab.
 New species from Yunnan.
- LIANG, C.-F. & Y.-C. CHEN. Actinidiaceae in Fl. Reipubl. Pop. Sin. 49/2 (1984) 195-285, 309-329, 25 fig.
- & Y.-S. WANG. Saurauiaceae in Fl. Reipubl. Pop. Sin. 49/2 (1984) 285-301, 329-334, 6 fig.
 12 new species.
- LIM, A.L. The reproductive biology of Rambutan, Nephelium lappaceum L. (Sapindaceae). Gard. Bull., Singapore 37 (1984) 181-192, 4 fig.
 Male flowers produce pollen for pollination, that of the bisexual ones is not viable.
- LING, P.-P. Taccaceae in Fl. Reipubl. Pop. Sin. 16/1 (1985) 42-54, 4 pl., 12 fig.
- LIU, B.L. Pollen morphology in the family Verbenaceae in China. Bull. Bot. Res. N.E. For. Univ., Harbin, China 5/4 (1985) 23-62, 12 pl. (In Chinese).
 91 species of 18 genera examined (27 with SEM); no key.
- LO, H.-S. & T.-C. CHEN. Sapindaceae in Fl. Reipubl. Pop. Sin. 47/1 (1985) 1-72, 26 pl.
 25 genera, 54 species; no novelties.
- LY, T.D. Vier neue Arten der Gattung Ervatamia (A. DC.) Stapf (Apocynaceae) aus nördlichen Gebieten Vietnams. Fedde's Repert. 96 (1985) 25-33, 4 fig.
- Zwei Arten der Familie Apocynaceae aus südwestlichen Gebieten Vietnams. Fedde's Repert. 96 (1985) 173-178, 2 fig.
 Alyxia, Wrightia.
- MABBERLEY, D.J. Flora Malesianae praecursores. LXVII. Meliaceae (divers genera). Blumea 31 (1985) 129-152, 1 fig.
 Skeletal revisions of *Anthocarpa*, *Aphanamixis*, *Lansium*, *Reinwardtiadendron* and *Sandoricum*; some new species and combinations; special attention to cultivars of *Sandoricum koetjape*, *Lansium domesticum* and the *Aphanamixis polystachya* complex.

- . William Theobald (1829-1908): unwitting reformer of botanical nomenclature? *Taxon* 34 (1985) 152-156.
 Unfortunate discovery of validly published names of Burmese plants in an obscure book, W. THEOBALD's edition of F. MASON's 'The natural products of Burmah' (1883). Of many transfers Theobald has priority, among which several from Malesia and necessitating a new name for a *Vaccinium* from New Guinea: *V. angulatum* J.J. Sm., non Theob. = *V. commutatum* Mabb. & Sleum., nom. nov. *Neptunia natans* (L.f.) Druce is a later homonym, therefore *N. oleracea* Lour. has to be restored.
- *MackEE, H.S. Les plantes introduites et cultivées en Nouvelle-Calédonie. Suppl. à la Fl. N. Caléd. et Dép. (vol. hors-série). Mus. Nat. Hist. Nat. Paris, Lab. Phanérog. (1985) 160 pp.
 Brief but clear introduction; name list, alphabetical by family, with comments.
- MAESEN, L.J.G. VAN DER. Revision of the genus Pueraria DC. with some notes on Teyleria Backer (Leguminosae). *Agric. Univ. Wageningen Papers* 85-1 (1985) 1-132, 30 pl., 16 maps, 2 tab.
 Full revision; *Pueraria* with 17 species, 3 in Malesia; *Teyleria* with 3 species, 2 Malesian; keys.
- MAI, D.H. & H. WALTHER. Die obereozänen Floren des Weisselster-Beckens und seiner Randgebiete. *Abh. Staatl. Mus. Mineral. & Geol., Dresden* 33 (1985) 260 pp, 3 text-fig., 13 pl. with 158 line drawings, 40 photo-plates with 624 fig.
 Large warm/temperate flora, incl. also *Acalypha*, *Alpinia*, *Aquilaria*, *Cyrtilla* (!), *Epipremnum*, *Girardinia*, *Monochoria*, *Ottelia*, *Rigiolopsis*, *Saurauia*, *Schima*, *Sterculia*, *Toddalia*, *Trigonobalanus*, *Turpinia* in this subtropical Lauro-fagaceous forest of various types (l.c. p. 147-164). Interesting study.
- MALINGREAU, J.P., G. STEPHENS & L. FELLOWS. Remote sensing of forest fires: Kalimantan and North Borneo in 1983-83. *Ambio* 214 (1985) 314-321, 5 fig., 6 col. phot.
- MALL, L.P., V.P. SINGH, A. GARGE, S.M. PATHAK & M.S. DANDORIA. A new approach towards the mangrove forest flora of Andaman Islands. *Ind. For.* 111 (1985) 290-300, 5 pl. 1 map, 2 tab.
- MALONEY, B.K. Man's impact on the rainforests of West Malesia: the palynological record. *J. Biogeogr.* 12 (1985) 537-558, 9 figs & maps, 1 tab.
 Evidence from both lowlands and highlands in Malaya, Sumatra and Java; discussion on earliest records of man's influence.
- . Ulmus pollen at Sibisa swamp, North Sumatra (Ulmaceae). *Blumea* 31 (1985) 123-127, 2 tab.
 Holocene records.

- MAYO, S. Arisaema filiforme (Araceae). Kew Mag. (Incorp. Curtis's Bot. Mag.) 2 (1985) 348-350, pl. 46 & fig.
Description, 1 synonym.
- *McALPINE, J.R., G. KEIG & R. FALLS. Climate of Papua New Guinea. CSIRO & ANU Press (1983) 200 pp. Austr\$ 12.95.
- McKEAN, D.R. Catalogue of the names published by Hector Léveillé. XVIII. Notes Roy. Bot. Gard., Edinburgh 42 (1985) 595-598.
Beginning a new series on the Gymnosperms and Monocots.
- MEPHAM, R.H. & J.S. MEPHAM. The flora of tidal forests, a rationalization of the use of the term 'mangrove'. S. Afr. J. Bot. 51 (1985) 77-99, 2 append.
Authors extend the concept 'mangrove' with all kinds of salty wetland plants, salines, etc. and species which have sometimes been found marginally, ending up with a ridiculous listing.
- MEIJER, W. Botanical explorations in Celebes and Bali. Nat. Geogr. Soc. Res. Rep. 1976 Reports: 583-605, 8 fig., 2 maps.
Comments on the results of his explorations; vegetations, many species mentioned with new records.
- Saving the world's largest flower. Nat. Geogr. 168 (July 1985) 136-140, 7 col. phot.
Observations on Rafflesia, mostly in West Sumatra, its conservation, and life history.
- Search for Tiliaceae in Cameroun, and Rafflesia in Southeast Asia. Nat. Geogr. Soc. Res. Rep. 21 (1985) 297-303.
Report on observations in Thailand, Malaya, West Sumatra and Sabah.
- *MICHON, G. De l'homme de la forêt au paysan de l'arbre. Agroforesteries indonésiennes. Thesis, Montpellier, Univ. Sc. & Techn. Languedoc (1985) x + 273 pp., ill.
An important book on management of forests and agriculture in Sumatra.
- MINDERHOUD, M.E. & E.F. DE VOGEL. A taxonomic revision of the genus Acriopsis Reinwardt ex Blume (Acriopsidinae, Orchidaceae). Orchid Mon. 1 (1986) 1-16, 7 fig., 2 col. pl., 1 map.
6 species (1 new), 5 varieties (1 new), reductions; Acriopsidinae monotypic, allied to Thecostelinae. See also Research and publications.
- MOLDENKE, H.N. Notes on the genus Clerodendrum (Verbenaceae). IV. Phytologia 57 (1985) 334-365.
General notes; census of and key to infrageneric taxa; abundant historical views cited; huge list of excluded taxa and their evaluation.
- Notes on the genus Clerodendrum (Verbenaceae). VII. Phytologia 58 (1985) 178-218.

Key to species of Madagascar and Comores; also species from Borneo (*C. bethunianum* Low) and key to its allies.

-----, Notes on the genus *Clerodendrum* (Verbenaceae). VIII. *Phytologia* 58 (1985) 279-303.

-----, Notes on the genus *Clerodendrum* (Verbenaceae). IX. *Phytologia* 58 (1985) 329-359.

-----, Notes on the genus *Clerodendrum* (Verbenaceae). X. *Phytologia* 58 (1985) 401-426.

MORTON, J.F. Indian almond (*Terminalia catappa*), salt-tolerant, useful, tropical tree with 'nut' worthy of improvement. *Econ. Bot.* 39 (1985) 101-112, 4 fig.

MULLER, J. Pollen morphology and evolution of the genus *Harpullia* (Sapindaceae - *Harpullieae*). *Blumea* 31 (1985) 161-218, 2 fig., 19 pl., 3 tab.
20 out of 25 species studied; 4 types distinguished; functional morphology and phylogeny compared with other evidence and drawn into a cladogram; probably a Gondwanaland genus, later invading Indo-Malesia.

-----, Significance of fossil pollen for angiosperm history. *Ann. Missouri Bot. Gard.* 71 (1984) 419-443, 13 fig.
A most important paper giving the latest data on fossil pollen.

MUNIAPPEN, R. & J.A. CRISOSTOMO. *Gastrochilus dasypogon*, a new orchid record on Guam. *Micronesica* 19 (1983) 171-172, 4 fig.
Known from Southeast Asia, the first record of the genus in Micronesia.

MUNIR, A.A. A taxonomic revision of the genus *Viticipremna* H. J. Lam (Verbenaceae). *J. Adelaide Bot. Gard.* 7 (1985) 181-200, 5 fig., 1 map.
Genus re-instated; 5 species from Queensland through New Guinea, adjacent islands, Morotai, to the Philippines, 1 disjunct in Fiji; key, descriptions.

MUNIYANDI, K. & R. NATARAJAN. Incidence of seedling formation in *Rhizophora lamarckii* Montr. at Pichavaram mangrove, Tamil Nadu, India. *J. Bomb. Nat. Hist. Soc.* 82 (1985) 441-442.
The occurrence of *R. lamarckii* in Sri Lanka proves that this hybrid is between *R. apiculata* and *R. mucronata*; *R. stylosa* cannot be involved as this species does not occur in the Indian Ocean.

MURATA, G. Taxonomical notes. 18. *Acta Phytotax. & Geobot.* 36 (1985) 173-182, 4 fig., 1 map.
In contrast to current usage *Rhus javanica* is maintained and not reduced to *Brucea*; the one record from Sumatra on the map presumably belongs to *R. chinensis* sensu Ding Hou.

MUSNI, B.J. Studies of *Rafflesia* in Sabah. Unpublished thesis, National Malaysian University, Sabah Campus. (1984). Not seen.

- NAIR, K.K.N. An interpretation of Bauhinia L. (sensu lato) species illustrated in Van Rheedee's Hortus Malabaricus (1678-1703). J. Bomb. Nat. Hist. Soc. 81 (1984) 531-535.
- NANAKORN, W. The genus Terminalia (Combretaceae) in Thailand. Thai For. Bull. (Bot.) 15 (1985) 59-107, 16 fig.
Key to 17 species.
- NARUHASHI, N. Lobb's Rubus collection from Java. Tukar-Menukar 3 (1984) 1-5, 5 fig.
Identification of Lobb's specimens at BM, E, and K.
- & CHEKSUM bt. Tawan. Taxonomical notes on Rubus satotakashii and related species in Mt. Kinabalu, Borneo. I. Seed. Tukar-Menukar 4 (1985) 31-37, 13 fig., 3 tab.
Further note on this hybrid between *R. lineatus* and *R. lowii*.
- & T. SATO. A preliminary report of Rubus (Rosaceae) in Sabah, Malaysia. Tukar-Menukar 2 (1983) 9-33, 15 fig & maps.
14 species.
- NASIR, E. & S.I. ALI. Solanaceae. Flora of Pakistan 168 (June 1985) 1-61, 12 fig.
14 genera.
- NG, F.S.P. Plant phenology in the humid tropics. FRI/Kepong Res. Pamphlet 96 (1984) 1-60, 9 pl., 13 fig., 5 tab.
Lectures given a BIOTROP course in 1979 on the presence or absence of cyclic or intermittent behaviour of plants in shoot-elongation, leaf-production and -fall, bud dormancy and reproduction. A flushing tree would not harbour its foliage pests continuously and might even partially or completely escape attack if it can flush and consolidate before its pests can take advantage; trees in tropical monsoon climates therefore perhaps tend to flush during the dry season as the latter inhibits pests. Such and other observations make this a most interesting reading!
- NICOLSON, D.H. & C.R. SURESH. (804) Proposal to conserve 4087 Glycosmis against Panel (Rutaceae). Taxon 34 (1985) 715-716.
- NIELSEN, I. The Malesian species of Acacia and Albizia (Leguminosae). Op. Bot. 81 (1985) 1-50, 26 figs & maps, 1 tab.
Keys; *Acacia* 14 species, 7 new, *Albizia* 24 species, 3 new, 4 introduced, 2 new combinations; it has been discovered that *Albizia sumatrana* Steen is not native in Malesia, but is *A. carbonaria* Britton, introduced from Central America!
- NISHITANI, T., T. ANAYAMA & Y. YUKI. The flowering and fruiting characteristics of Bambara groundnut (Vigna subterranea). Tukar-Menukar 4 (1985) 47-56, 5 fig., 6 tab.

NOOTEBOOM, H.P. Notes on Magnoliaceae with a revision of Pachylarnax and Elmerillia and the Malesian species of Manglietia and Michelia. Blumea 31 (1985) 65-121, 11 fig.

There are 2 subfamilies; Magnolioideae discussed after a study of the morphology, anatomy, embryology, cytology, palynology and phytochemistry; there are 2 tribes; Aromadendron, Dugandiodendron, Manglietiastrum, Micheliopsis, Parakmeria, and Talauma reduced to Magnolia s.l.; Magnolia has 3 subgenera, 16 sections, some new combinations; some Magnolia species listed, 4 new combinations; Paramichelia and Tsoongiodendron from China reduced to Michelia; key to Michelia, 5 species, 2 new, 1 new combination; Pachylarnax 2 species; Elmerillia 4 species, 1 new combination, E. tsiampacca with 2 subspecies, 1 new, 2 varieties; Michelia 7 species and 1 hybrid, 1 new, 2 cultivated.

NOUR, J. M. PRESS, G. STEWART & J. TUOHY. Africa in the grip of witchweed. New Scientist 190, 1490 (9 January 1986) 44-48, 5 col. phot., map.

Striga asiatica, S. gesnerioides, S. hermonthica (Scrophulariaceae) are pests in cultivated land on maize, millet, sorghum, etc.; photographs show its abundance in Africa and Southeast Asia; curiously in Malesia S. asiatica does not seem to be such an evil pest.

*NUMATA, M. Biota and ecology of Eastern Nepal. Chiba Univ., Lab. Ecol., Fac. Sc., Yayoicho, Chiba 260, Japan. (1983) 454 pp.

A collection of 39 reprints on the flora, fauna, climate, vegetation, ecology, etc. of Eastern Nepal based on observations and collections by several Japanese expeditions organized by the Chiba University.

*OGATA, K. Identification of Southeast Asian timbers. Jap. Ass. Wood Techn. (1985) 206 pp., ill. (In Japanese).

OHASHI, H., T. NEMOTO, Y. ENDO & T.-C. HUANG. Taxonomic studies on the Leguminosae of Taiwan. II. Sc. Rep. Tohoku Univ. IV (Biol.), 39 (1985) 53-66, 2 fig. Annotated list of collections from 2 expeditions; 49 species; no novelties.

OHRNBERGER, D. & J. GOERRINGS (Eds.). The bamboos of the world, ed. 1. Introduction to the work. 20 pp., 4°.

Introduction; tribes and genera listed; see review of the series on p. 157.

----- & -----. Subfamily Bambusoideae, its tribes and genera. (1985) 34 pp., 1 fig., 2 tab. 4°.

List of genera and their types.

OOI, C.S. An unknown Bulbophyllum beauty from Genting Highlands. Nat. Malaysiana 10/3 (1985) frontisp., 18-19, 2 col. phot.

Appears to be B. annandalei. See New records.

OOI, P.A.C. The water hyacinth. Nat. Malaysiana 9/4 (1984) 8-15, col. phot.

General: control, pests, etc.

- PAN, J.-T. A study on the genus Astilbe Buch.-Ham ex D. Don from China. Acta Phytotax. Sin. 23 (1985) 432-443, 2 fig., 1 tab.
Key to 6 species.
- PANIGRAHI, G. Nomenclatural notes on Grewia microcos L., nom. illeg. (Tiliaceae). Taxon 34 (1985) 702-703.
Microcos paniculata L., non G. paniculata Roxb. = G. microcos L., nom. superfl.; therefore Fallopia nervosa Lour. = G. nervosa (Lour.) Panigrahi.
- (803) Proposal to amend the type citation of 3468 Entada Adans., nom. cons., and of Gigalobium P. Browne, nom. rej. (Fabaceae). Taxon 34 (1985) 714-715.
- (805-806) Proposals to conserve 4208 Hiptage Gaertn against Gaertnera Schreber (Malpighiaceae) and to amend 8428 Gaertnera Lamk., nom. cons. (Rubiaceae). Taxon 34 (1985) 717-718.
- & S.C. MISHRA. Syzygium nervosum DC., correct name for S. operculatum Nienhizu (Myrtaceae). Taxon 34 (1985) 298-300.
- PHENGLAI, C. Studies in Thai flora. 1. Hamamelidaceae. Thai For. Bull (Bot.) 15 (1985) 1-14, 6 fig.
Key to 5 genera, 6 species.
- & S. KHAMSAI. Some non-timber species of Thailand. Thai For. Bull. (Bot.) 15 (1985) 108-148.
A large list of forest products, including herbs, shrubs, trees; 51 fibre yielding, 50 dye, 50 oil-gum-resinous, 132 edible; uses and habitats given for each.
- PHILIPSON, M.N. The Rhododendron nectary. Notes Roy. Bot. Garden Edinburgh 43 (1985) 117-131, 25 fig., 1 tab.
Ultra-structure.
- PHILIPSON, W.R. A synopsis of the Malesian species of Kibara (Monimiaceae). Blumea 30 (1985) 389-415, 1 fig.
Key to 39 species, no less than 24 new!
- Faika and Parakibara: two new genera of Monimiaceae from Malesia. Blumea 30 (1985) 417-423, 3 fig., 1 map.
Both monotypic; Faika named after Faika River, based on Steganthera villosa Kanehira & Hatusima.
- Shoot morphology in Rhododendron. Notes Roy. Bot. Gard. Edinburgh 43 (1985) 161-171, 6 fig.
Branching, renovation.
- PHILLIPPS, A. Report on the Gunong Trusmadi Expedition, 1984. Mimeogr., 19 pp., map.

Botanical report on this less well-known mountain in the Kinabalu area by the Park ecologist; expedition was between 15 and 24 March.

PHUPHATHANAPHONG, L. Studies in Thai flora. 4. Aristolochiaceae. Thai For Bull. (Bot.) 15 (1985) 29-57, 17 fig.

Key to 2 genera; *Aristolochia* with 13 species; no novelties.

PLAGE, D. & M. PLAGE. In the shadow of Krakatau. Return of Java's wildlife. Nat. Geogr. 167 (1985) 750-771, many col. phot.

History of Krakatau; sketches of adjacent Ujon Kulon National Park, largely focussed on animals, e.g. the Javanese rhinos.

PRAGLOWSKI, J. & E. GRAFSTRÖM. The genus *Carpodetus* (Escalloniaceae): a pollen morphological enigma. Grana 24 (1985) 11-21, 4 fig., 1 tab.

Presence of tetrads and many other features are similar to pollen of Ericaceae and Epacridaceae; a re-examination of the structure and affinities of the genus is suggested.

PRANA, M.S. Interspecific crosses in *Colocasia*. Ann. Bot. 8 (1984) 73-76.

Seeds of F_1 of *Colocasia esculenta* x *C. gigantea* are viable.

PRANCE, G.T. & F. WHITE. A new combination in *Maranthes* (Chrysobalanaceae). Brittonia 37 (1985) 76-77.

Formerly referred to as *M. corymbosa*, now a distinct species *M. panamensis* (Standl.) Prance & F. White.

PRIMACK, R.B. Comparative studies in fruits in wild and cultivated trees of chempedak (*Artocarpus integer*) and terap (*Artocarpus odoratissimus*) in Sarawak, East Malaysia with additional information on the reproductive biology of the Moraceae in Southeast Asia. Malay Nat. J. 39 (1985) 1-39, 5 fig., 12 tab.

Cultivation, descriptions, ecology, germination, etc.; dates of flowering and fruiting.

----- Longevity of individual flowers. Ann. Rev. Ecol. Syst. 16 (1985) 15-37, 1 fig, 4 tab.

Interesting theories and implications.

----- Moraceae trees in the religious life of Borneo people. Sarawak Mus. J. n.s. 33 (no 54) (1984) 69-74.

Antiaris, *Artocarpus*, *Ficus*.

QIAN, X.-H. et al. Amaryllidaceae in Fl. Reipubl. Pop. Sin. 16/1 (1985) 1-42, 9 pl.

RANI, N. *Ficus albigula* (Miq.) King (Moraceae) — A new record for India. J. Bomb. Nat. Hist. Soc. 82 (1985) 235-237, 1 fig.

Common in Malesia.

- RAO, T.A. & V.M. MEHER-HOMJI. Strand plant communities of the Indian sub-continent. Proc. Ind. Ac. Sc. (Pl. Sc.) 94 (1985) 505-523, 4 fig.
Various localities in India, Pakistan and Sri Lanka.
- RASMUSSEN, F.N. The gynostemium of *Bulbophyllum ecornutum* (J.J. Smith) J.J. Smith (Orchidaceae). Bot. J. Linn. Soc. 91 (1985) 447-456, 10 fig.
- RAUSCHERT, S. Beitrag zur Nomenklatur der Orchidaceae. Fedde's Repert. 94 (1983) 433-471.
Ruthless transfers, some 700-800 on the split-genera of Brieger (mainly former sections). Many errors, as to be expected. See criticism by Seidenfaden in Op. Bot. 83 (1985) 7 and Cribb et al., Taxon 34 (1985) 122-124.
- RECHINGER, K.H. Rumex (Polygonaceae) in Australia: a reconsideration. Nuytsia 5 (1984) 75-122, 14 fig.
Key to 8 indigenous and 9 alien species.
- REDDI, E.U.B. & S.C. REDDI. Pollination ecology of *Euphorbia geniculata* (Euphorbiaceae). J. Bomb. Nat. Hist. Soc. 81 (1984; publ. 1985) 571-582, 2 fig., 1 pl., 9 tab.
By ants and beetles; geitonogamy and xenogamy.
- REEVE, T.M. A revision of *Dendrobium* section *Microphytanthe*. The Orchadian 7 (1983) 203-206, 4 fig.
3 species, 1 new.
- RENVOIZE, S.A. An endemic *Ischaemum* from Christmas I. (Indian Ocean), Gramineae. Kew Bull 40 (1985) 447-448.
Ischaemum nativitatis Jansen validated.
- REYNOLDS, S.T. Notes on Sapindaceae. IV. *Austrobaileya* 2 (1985) 153-189, 6 fig.
Revision of 9 genera most of which also Malesian; keys, descriptions, 2 new species.
- RIDDER-NUMAN, J.W.A. & H. WIRIADINATA. A revision of the genus *Spatholobus* (Leguminosae - Papilionoideae). Reinwardtia 10 (1985) 139-205, 6 fig., 5 maps.
Key to 28 closely related species, 6 new; identification list.
- RIDSDALE, C.E. The genus *Fagerlindia* (Rubiaceae) in the Philippines. Blumea 31 (1985) 239-244, 2 fig.
3 species: 1 in India, 2 in the Philippines, 1 new.
- , L.A. ANDERSON, A.T. KEENE & J.D. PHILLIPSON. Hasskarl's *Cinchona* barks. 1. Historical review. Reinwardtia 10 (1985) 245-264, 2 tab.
Preliminary results of alkaloid analyses of Hasskarl's bark collections; identity and historical aspects in respect to the role the plants played in the Javanese plantations.

- RIEDL, H. & C. RIEDL-DORN. Colona hamannii, spec. n., eine neue Tiliacee aus Thailand. Linze Biol. Beitr. 17 (1985) 333-339, 2 pl.
- ROBINSON, A.H. & A. BARI. Komodo National Park: progress and problems. Parks 7/2 (1982) 10-12, 3 phot.
- & Y. RUSTANDI. Bali Barat National Park. Parks 7/2 (1982) 13-14, 1 phot.
- ROBSON, N.K.B. Studies in the genus Hypericum L. (Guttiferae). 3. Sections 1. Campylosporus to 6a. Umbraculoides. Bull. Br. Mus. Nat. Hist. (Bot.) 12 (1985) 163-325, 24 fig., 34 maps.
This partial revision of *Hypericum* contains some Malesian species. It necessitates the change of 1 (*H. uralense*, Fl. Mal. I, 8: 18) now to be called *H. henryi* ssp. *hancockii*, the species Southeast Asian.
- *ROOSMALEN, G.M. VAN. Fruits of the Guianan flora. Inst. Syst. Bot., Utrecht Univ. / Silvicult. Dept., Wageningen, Agric. Univ. Wageningen (1985) xl + 483 pp, 158 pl, viii col./b. & w. plates.
A profusely illustrated book in which fruits are recorded from 99 families, 546 genera and 1727 species of woody plants; 94 families of Dicots, 4 of Monocots, 1 Gymnosperm (Gnetum); families alphabetically arranged; brief descriptions of each species.
- *ROSS, M.S. Forestry in land use policy for Indonesia. Thesis. (1984).
See Reviews.
- *RUOKONEN, M. Forestry and forest products vocabulary. Commonw. Agric. Bur., Farnham Royal, Slough SL2 3BN, U.K. (1984) xiv + 459 pp.
A valuable annotated list of all sorts of terms.
- SALM, R.V., M. HALIM & A. ABDULLAH. Proposed Pulau Seribu National Park: conservation and tourism. Parks 7/2 (1982) 15-20, 1 map, 1 phot., 2 tab.
In the Bay of Jakarta.
- SANJAPPA, M. Descriptive notes on three new or rare Himalayan taxa of Indigofera L. (Fabaceae - Papilionoideae). J. Bomb. Nat. Hist. 81 (1984) 445-451, 2 fig.
- , The genus Indigofera L. (Fabaceae - Papilionoideae) in Burma. Reinwardtia 10 (1985) 211-244, 6 fig.
Key to 26 species, 2 new.
- SANTISUK, T. A new species of Dolichandrone (Bignoniaceae) from S.E. Asia. Bull. Mus. Nat. Hist. Nat. Paris IV, 7 (1985) B, Adansonia no 1: 97-103, 4 pl.
Dolichandrone columnaris, an inland species from the Thai Isthmus of Kra and Indo-China sharing characters with *D. serrulata* and *D. spathacea*; might well occur in the North of the Malay Peninsula.

- & J.E. VIDAL. Bignoniaceae. Fl. Camb., Laos & Viêtnam 22 (1985) 1-66, 8 pl.
9 genera, 27 species excellently revised.
- SANTOS, J.V. Philippine grasses and grasslands. Nat. & Appl. Sc. Bull. 35 (1983)
187-202, 1 pl.
- SASTRAPRADJA, S. & S.H.A. LUBIS. Natural hybridization in Ocimum. Ann. Bog. 8
(1984) 77-84, 6 fig., 3 tab.
Ocimum americanum x O. basilicum; pollen fertility decreased in hybrid.
- SATO, T. A vegetational sketch of Mt. Kinabalu. Tukar-Menukar 4 (1985) 19-29, 12
pl., 3 fig., 1 tab.
6 vegetation types.
- Wild flowers of South-East Asia. (1). Tukar-Menukar 3 (1984) (iv), 7 col.
pl.
Rafflesia sp. from Mt. Kinabalu.
- Wild flowers from South-East Asia. (2). Tukar-Menukar 4 (1985) (iv), 7
col. pl.
E.g. Gnetum, Utricularia.
- SCHNETTER, M.L. Untersuchungen zur Salzausscheidung durch die Blätter von Avicen-
nia germinans (L.) L. Flora 177 (1985) 157-165, 6 fig., 3 tab.
Experiments in greenhouse in water of different NaCl concentrations.
- SCHOTSMAN, H.D. Une nouvelle espèce de Callitriche (Callitrichaceae) de Papoua-
Nouvelle-Guinée: C. cycloptera Schotsm. Bull. Mus Nat. Hist. Nat. IV, 7
(1985) B, Adansonia 1: 81-84.
From Mt. Suckling.
- *SCHOTT, H.W. Icones aroideae et reliquiae. Mus. Nat. Hist, Vienna. IDC AG, Zug,
Switzerland (1984) iv + 29 pp.
Microfiches. Index compiled by D.H. NICOLSON.
- SCHOUTEN, Y. & J.F. VELDKAMP. A revision of Anthoxanthum including Hierochloë
(Gramineae) in Malesia and Thailand. Blumea 30 (1985) 319-351.
The distinction between Anthoxanthum and Hierochloë is artificial; 24 new
combinations, Hierochloa odoratum L., non Anthoxanthum odoratum L. = A.
nitens (Weber) Schouten & Veldk.; 2 species in Malesia: A. horsfieldii with
8 varieties, A. redolens with 2; identification list.
- *SECOND, G. Relations évolutives chez le genre Oryza et processus de domestica-
tion des riz. Etudes et Thèses ORSTOM, Paris (1985) 189 pp., 29 fig., 1
map., 16 tab.
Many aspects of domestication; Oryza rufipogon would also occur in South
America.

- SEIDENFADEN, G. Contributions to the orchid flora of Thailand. XI. Nordic J. Bot. 5 (1985) 157-167, 7 fig., 1 col. pl.
Additions and corrections; 1 new Phaius, 3 new Bulbophyllums.
- Orchid genera in Thailand. XII. Dendrobium Sw. Op. Bot. 83 (1985) 1-296, 170 fig., 27 col. pl.
A short discussion on the delimitation of the genus, main part consisting of meticulous descriptions and pictures of the ca. 150 species; the author does not feel capable of judging Brieger's recent splitting and upgrading of sections to genera; despises the ruthless number of transfers by Rauschert (see above); keys to 14 sections and their species.
- SEMENIUK, V. Development of mangrove habitats along ria shorelines in North and Northwestern tropical Australia. Vegetatio 60 (1985) 3-23, 7 fig & maps, 6 tab.
Detailed distributional and ecological patterns.
- SHEN, R.-W. & M.-L. SHEN (Eds.). Umbelliferae. II. Fl. Reipubl. Pop. Sin. 55/2 (1985) x + 282 pp., 110 pl.
Genera 32-71.
- SIDIYASA, K., S. SUTOMO & R.S.A. PRAWIRA. Structure and composition of a lowland Dipterocarp forest at Leuweung Sancan Nature Reserve, West Java. Bul. Penelitian Hutan, Bogor 471 (1985) 37-47. (In Indonesian, English summary).
Plot in neighbourhood of Garut, Priangan of 4 ha; Dipterocarpus hasseltii dominant; co-dominants: Dillenia obovata, Dipterocarpus gracilis, Macaranga subfalcata.
- & I.G.M. TANTRA. Analisis flora pohon hutan dataran rendah Wae Mual, Taman Nasional Manusela, Seram — Maluku. Bul. Penelitian Hutan, Bogor 462 (1984) 19-34, 2 fig., 3 tab. (In Indonesian, English summary).
Research in nature reserves; transects; in Wae Mual forest; tree flora, 27 families and 45 species; listed; dominants in strata.
- SIEBERT, S.F. & J.M. BELSKY. Forest-product trade in a lowland Filipino village. Econ. Bot. 39 (1985) 522-533, 1 map, 4 tab.
Ethnobotanical study; people lived from forestry products (rattan, timber, coconut); this now threatened by encroaching agriculture.
- The Siglap Community Centre Venturers' Club. Adventure. Siglap Community Centre, 6 Pal Road, Singapore 1545. Sing\$ 5.00.
Souvenir issue of a club calling for expeditions, how to prepare yourself for jungle trekking and camping; most excursions were in Malaya.
- SIMON, B.K. Paspalum distichum L. is not rejected. Austr. Syst. Bot. Soc. Newsl. 44 (Sept. 1985) 7.
- SIVARAJAN, V.V. A new species of Thottea (Aristolochiaceae) from India. Pl. Syst. Evol. 150 (1985) 201-204, 1 fig., 1 tab.

- SKOG, L.E. (791) Proposal to conserve the spelling Rhynchoglossum (Gesneriaceae). *Taxon* 34 (1985) 319-320.
- SLEUMER, H.O. The Flacourtiaceae of Thailand. *Blumea* 30 (1985) 217-250.
Keys; descriptions; a new *Homalium*; several reductions; *Scaphocalyx* now monotypic.
- Taxonomy of the genus Pernettya Gaud. (Ericaceae). *Bot. Jb.* 105 (1985) 449-480.
14 species; key; the genus is close to *Gaultheria* and local hybrids occur in New Zealand between sympatric species (1); main difference is that *Pernettya* has a fleshy berry, *Gaultheria* a dehiscent capsule.
- *SMITH, A.C. Flora vitiensis nova. A new flora of Fiji (Spermatophytes only). 3. Angiospermae: Dicotyledones, families 117-163. *Pac. Trop. Bot. Gard., Lawai, Kauai, Hawai'i* (1985) 758 pp, 192 fig. (phot, some in colour).
Welcome to the 3d volume of this important flora; black and white photographs are rather poor as illustrations; the 12 colour photographs are superb, however; a small group of Proteaceae formerly referred to *Bleasdalea*, *Gevuiva* (incl. *G. papuana*) and *Kermadecia* now belong to the new genus *Turrilli*.
- SMITH, D.L. & R.S. SCOTT. Cotyledon venation patterns in the Leguminosae: Caesalpinioideae. *Bot. J. Linn. Soc.* 90 (1985) 73-103, 11 fig., 2 tab.
93 species of all tribes sampled: all have a particular set of related patterns.
- SMITH, R.M. A review of Bornean Zingiberaceae: 1. (Alpinieae p.p.). *Notes Roy. Bot. Gard. Edinburgh* 42 (1985) 261-314, 11 fig.
Key to genera of Alpinieae; treated are *Alpinia*, *Amomum*, *Burbridgea*, *Hornstedtia*, *Plagiostachys*; keys to the species; 60 species, half a dozen new, most in *Amomum*; first instalment of a series.
- SNEED, M.W. Gronophyllum procerum, people and places, pictured in their stone age habitat. *Principes* 29 (1985) 47-54, 11 fig.
Popular report on exploration from South New Guinea westwards; the species abundant in Triton Bay.
- STEENIS, C.G.G.J. VAN. Botany and the earth expansion theory. in R.A. GROVES (Ed.), Earth expansion exchange, Registry 5 (1985) 18-22
Important tropical c.q. subtropical trans-oceanic disjunct taxa (genus and up) c.q. affinities in Atlantic and Pacific are equivalent in number (ca. 100); for the Atlantic plate tectonics are assumed to be responsible in current opinion, but geophysics do not solve this matter for the Pacific, which remains a mystery.
- Floristic altitudinal zones in Malesia. *Bot. J. Linn. Soc.* 89 (1984) 289-292, 1 tab.

Stressing the demarcations at 1000, 1500 and 2300/2400 m reflected also in the vegetation types.

- Miscellaneous botanical notes, XXVIII. *Blumea* 30 (1985) 429-431.
A new combination in *Guerreroia* (Compositae); record of the Pacific genus *Lepinia* (Apocynaceae) in Woodlark Island, Papua New Guinea; gregarious flowering of *Strobilanthus cernua* at Cibodas; some new records from Flores of Apocynaceae, Euphorbiaceae, Icacinaceae, Sapindaceae (* check this!).
- The undesirability of splitting *Eucalyptus* (Myrtaceae). *Austr. Syst. Bot. Soc. Newsl.* 42 (1985) 13-16.
Reply to L. Johnson who wants to raise the 10 subgroups of present *Eucalyptus* to generic rank.
- *STEENIS-KRUSEMAN, M.J. VAN. Malaysian plant collectors. (1986).
See remarks under Cyclopaedia of collectors.
- STERN, W.L., A.M. PRIDGEON & C.A. LUER. Stem structure and its bearing on the systematics of Pleurothallidinae (Orchidaceae). *Bot. J. Linn. Soc.* 91 (1985) 457-471, 9 fig.
Incl. list of genera with or without annulus and number of pollinia.
- STEVENS, P.F. Malesian Vireya rhododendrons — towards an understanding of their evolution. *Notes Roy. Bot. Gard. Edinburgh* 43 (1985) 63-80, 3 maps, 3 tab.
- STONE, B.C. A conspectus of the genus *Glycosmis* Correa: Studies in Malesian Rutaceae. III. *Proc. Ac. Nat. Sc. Philadelphia* 137 (1985) 1-27, 4 fig.
Subrevision in the form of a nomenclatural synopsis of 43 species (5 new), new varieties, synonymy, new combinations; key.
- New and noteworthy paleotropical species of Rutaceae. *Proc. Ac. Nat. Sc. Philadelphia* 137 (1985) 213-228, 8 fig.
Critical notes, new species, new combinations in *Citrus*, *Clymenia*, *Luvunga* (key to species), *Microcitrus*, *Monanthocitrus*, *Triphasia*, *Wenzelia*.
- *Pandanus* from Ok Tedi region, Papua New Guinea, collected by Debra Donoghue. *Econ. Bot.* 38 (1984) 304-313, 1 tab.
7 species, 1 new.
- SUBHEDAR, R.P. A little known plant from South India. *J. Bomb. Nat. Hist. Soc.* 82 (1985) 234.
Entada monostachya DC. (*Mimosa entada* L.; Leguminosae) based on Rheede, *Hort. Mal.* 9, t. 77; endemic in India.
- SUTHERLAND, J.A. & P.B. BULL. Pollination and fruit set in two species of pumpkin in lowland Papua and New Guinea. *Papua New Guinea J. Agric., For. & Fish.* 33 (1985) 143-147, 3 tab.
Cucurbita maxima, *C. moschata*.

- SUTISNA, U. Tree species composition analysis of peat swamp forests at Sei Mandor, West Kalimantan. Bul. Penelitian Hutan, Bogor 469 (1985) 39--66, 2 fig., 6 tab., 2 append. (In Indonesian, English summary).
Shorea pachyphylla dominant, Dactylocladus, Gluta important after two years of selective felling.
- & H.C. SOEYATMAN. Tree species composition analysis of logged-over peat swamp forest at some places in the Eastern of Sumatra. Bul. Penelitian Hutan, Bogor 470 (1985) 19-45, 1 fig., 6 tab., 3 append. (In Indonesian, English summary).
Forest composition in East Sumatra varies considerable at the different sites; many species commercial.
- SYMON, D.E. The Solanaceae of New Guinea. J. Adelaide Bot. Gard. 8 (1985) 1-171, 79 fig., 17 maps.
A most welcome revision of Solanum (incl. Lycianthes as a subgenus) by the esteemed specialist; 59 species, 19 new, incl. 7 aliens; synonymy; full descriptions; keys; identification list; of great advantage is that distribution of the taxa is also given for other parts of Malesia; there are 210 introduced genera, treated in the same way; key to the genera.
- & J.R. CLARKSON. The reinstatement of Solanum shanesii F. Muell. section Lycianthes (Solanaceae) with discussion of its significance. J. Adelaide Bot. Gard. 7 (1985) 201-206, 1 fig., 1 map.
This species is the 5th Australian one having close relations to species from Mexico and Central America, others belonging to datura, Physalis, Solanum.
- TAKHTAJAN, A.L., N.R. MEIJER & V.N. KOSENKO. Pollen morphology and classification of Rafflesiaceae s.l. Bot. J. U.S.S.R. 70 (1985) 153-162, 6 pl. (In Russian).
Pollen of 7 genera, 25 species studied; heterogeneous: primitive and advanced types; 4 different families are segregated.
- TARNAVSCHI, I.T. Eine botanische Expedition nach Kalimantan (Borneo) der Republik Indonesien. Fedde's Repert. 96 (1985) 165-169.
Brief, primitive report and collector's list replete with dialectic innuendos and (printing?) errors. See also Cyclopaedia, above.
- TING, C.-T., M.-C. CHANG & P.-P. LING. Dioscoreaceae. Fl. Reipubl. Pop. Sin. 16/1 (1985) 54-120, 25 pl., 7 fig.
- TIRVENGADUM, T.T. & C. SASTRE. La signification taxonomique des modes de ramification de Randia et genres affines. Mauritius Inst. Bull. 8/4 (1979) 77-98, 3 pl.
Morphology of ramification in Randia s.l.; Terennoidea gen. nov., 2 species, one the type, R. wallichii Hook. f., the other from Sarawak.

- TONG, S.-Q. Paramomum, a new genus of Zingiberaceae from Yunnan. Acta Bot. Yunn. 7 (1985) 309-312, 1 fig.
- TOYOKUNI, H. Notes on the Gentianaceae and the Menyanthaceae collected in Thailand by the 6th Thai-Japanese Botanical Expedition. Acta Phytotax. Geobot. 36 (1985) 123-128, 3 fig.
Name list with records.
- TSYRENOVA, D.J. On the section Striata of the genus Geranium (Geraniaceae). Bot. J. U.S.S.R. 70 (1985) 1255-1258.
Geranium nepalense is type of Orientalia, subsect. nov.
- TU, Z.-B. The alkaloids of Zanthoxylum and problem on the combination of two subgenera. Bull. Bot. Res. N.E. For. Inst., Harbin, China 5 (1985) 61-69, 1 tab. (In Chinese).
In favour of uniting Fagara and Zanthoxylum.
- TURNBULL, J.R. & A.T. MIDDLETON. Three new Nepenthes from Sulawesi Tengah. Reinwardtia 10 (1985) 107-111.
- UDARBE, M.P. Economic considerations in forest plantation development. — A case study of the activities of the Sabah Forestry Development Authority (SAFODA). Intern. Tree Crops J. 3 (1985) 85-99, 2 maps, 4 tab.
Attempts to study how better use can be made of forest and forest products by selective reforestation; experiments with Acacia mangium.
- UEDA, K. A nomenclatural revision of the Japanese Magnolia species (Magnoliac.), together with two long-cultivated Chinese species. Acta Phytotax. Geobot. 36 (1985) 149-161, 3 fig.
- UJI, T. Mengenai nilai guna marga Baccaurea di Indonesia. Bul. Kebun Raya 6 (1983) 77-80, 2 phot, 1 tab. (In Indonesian).
Discussion of 3 edible species.
- *VEEVERS-CARTER, W. Riches of the rain forest. An introduction to the trees and fruits of the Indonesian and Malaysian rain forests. Oxford Univ. Press, Singapore (1984) xii + 103 pp., 10 col. pl., hardback, Mal\$ 35.00 ISBN 0.19.582576.4.
Light readable book on various aspects of rainforests, nutmegs, Rafflesia, the durian theory, etc., dispersal, Eugenia.
- VELDKAMP, J.F. Aegopogon (Gramineae) in Malesia. Reinwardtia 10 (1985) 115-117.
A species of Aegopogon has recently been found, 'vegetation-forming' at 3750 m altitude on the summit of Mt. Michael, Papua New Guinea; it must have somehow been introduced, although the genus has so far never been found outside Northern South America.

- VERKERKE, W. Ovules and seeds of the Polygalaceae. J. Arn. Arb. 66 (1985) 353-394, 12 fig.
3 structural groups can be discerned.
- VILLIERS, J.-F. Une nouvelle espèce de Nothapodytes Blume (Icacinaceae) en Indochine. Bull. Mus. Nat. Hist. Nat. Paris IV, 7 (1985) B, Adansonia no 1: 81-84, 1 pl.
Key to 5 species.
- VINK, W. The Winteraceae of the Old World. V. Exospermum links Bubbia to Zygogynum. Blumea 31 (1985) 39-45, 5 fig., 2 tab.
Bubbia and Exospermum reduced to Zygogynum based on a very careful morphological study; a score of new combinations.
- VOGEL, E.F. DE. Revisions in Coelogyninae (Orchidaceae). II. The genera Bracisepalum, Chelonistele, Entomophobia, Geesinkorchis and Nabalua. Orchid Mon. 1 (1986) 17-51, fig. 8-27, col. pl. 2-4, map.
Revisions of Bracisepalum (2 species), Chelonistele (11, 4 varieties), Entomophobia (1), Geesinkorchis (2), Nabalua (3); synonymy, full descriptions, each species depicted; keys; index. See also Research and Publications.
- WANNAN, B.S. & J.T. WATERHOUSE. A taxonomic revision of the Australian species of Limnophila R. Br. (Scrophulariaceae). Aust. J. Bot. 33 (1985) 367-380, 11 fig.
Key to 5 species, 2 endemic.
- WEBB, L.J. Hands off our rainforests, interview in Habitat 13/1 (1985) 6-7.
- . A pursuit of excellence prize winner speaks out on environment, interview in Habitat 13/1 (1985) 10-11, portr.
On conservation of rain-forest in Queensland and Australia in general.
- WEBER, A. & B.L. BURTT. Supplementary notes on Didymocarpus corchorifolius and its allies (Gesneriaceae). Blumea 31 (1985) 155-159, 1 fig.
Morphology and cytology of Didymocarpus antirrhinoides Weber and D. corchorifolius DC.
- WEI, C.-F. Ochnaceae. Fl. Reipubl. Pop. Sin. 49/2 (1984) 302-308, 2 fig.
- WEI, Z. A revision of the Chinese Millettia (Papilionoideae). Acta Phytotax. Sin. 23 (1985) 196-208, 3 fig., 2 tab., 1 map. Key to sections and 35 species, some new.
- . A revision of the Chinese Millettia (Papilionoideae) (cont.). Acta Phytotax. Sin. 23 (1985) 275-292, 8 fig.
Key to 15 species, 2 new.

- WELZEN, P.C. VAN & S. DEN HENGST. A revision of the genus *Dysolobium* (Papilionaceae) and the transfer of the subgenus *Dolichovigna* to *Vigna*. *Blumea* 30 (1985) 363-383, 1 tab.
Dysolobium 4 species, 1 Malesian; key; identification list.
- WERFF, H. VAN DER & H.G. RICHTER. *Caryodaphnopsis* Airy-Shaw (Lauraceae), a genus new to the Neotropics. *Syst. Bot.* 10 (1985) 166-173, 6 fig., 2 tab.
 2 neotropical species, formerly under *Persea*, 2 new combinations; another trans-Pacific disjunction.
- WHITMORE, T.C. Gap size and species richness in tropical rainforest. *Biotropica* 15 (1984) 239.
 Remarks on the filling of gaps by spotwise regeneration. Reply by J.S. DENSLow on p. 240.
- WHITTAKER, R.J., K. RICHARDS, H. WIRIADINATA & J.R. FLENLEY. Krakatau 1883 to 1983. *Progr. Phys. Geogr.* 8 (1984) 61-81, 3 fig., 10 tab., maps.
 Largely an account of the increase of vegetation complexity in successional stages; an interesting account of island biogeography.
- WHYTE, R.O. The Gramineae in the palaeoenvironment of East Asia. in 'The evolution of East Asian Environment'. 2 (1984) 622-650, 1 map. Centre of Asian studies, Univ. of Hong Kong.
 Interesting general considerations.
- *WIDJAJA, E.A. *Gigantochloa* (Bamb., Poac.) in Malesia. Thesis, Birmingham,, Sept. 1984, 269 pp, ill., photocopied msc.
 Morphology, phytochemistry, anatomy; 19 species, 4 new, fully described with synonymy, etc. Copies a.o. in BO, L, Birmingham.
- WILDE, W.J.J.O DE. A new account of the genus *Horsfieldia* (Myristicaceae). Part 1. *Gard. Bull., Singapore* 37 (1984) 118-179, 5 fig., 1 tab.
 Redefinition of genus; subdivision; keys, general and regional; description of 5 species.
- , A new account of the genus *Horsfieldia* (Myristicaceae). Part 2. *Gard. Bull., Singapore* 38 (1985) 55-144, fig. 6-21.
 Second part of a monograph of the genus; many new species, a number of reductions; descriptions.
- , A new account of the genus *Horsfieldia* (Myristicaceae). Part 3. *Gard. Bull., Singapore* 38 (1985) 185-225, fig. 22-26.
 Species 46-70, 11 new, 1 new subspecies, variety and combination; descriptions.
- , *Saraca tubiflora*, a new species from West-Central Sumatra (Caesalpinioideae). *Blumea* 30 (1985) 425-428, 1 fig.
 Key to all 11 species.

- WILMOT-DEAR, M. Ceratophyllum revised. A study in fruit and leaf variation. Kew Bull. 40 (1985) 243-271, 4 fig, 2 maps
2 species, each with 3-5 varieties or forms based on fruit characters; Malaysian material cited.
- WILSON, P.G. A taxonomic revision of the tribe Chenopodieae (Chenopodiaceae) in Australia. Nuytsia 4 (1983) 135-262, 3 fig., 7 pl., 34 maps.
5 genera, 52 species, several new; keys.
- WONG, K.M. A revision of Rennellia (Rubiaceae) in the Malay Peninsula. Gard. Bull., Singapore 37 (1984) 193-108, 1 fig., 1 pl.
Key to 4 species, 1 unnamed.
- WONG, T.H. Some notes on coconut pearls. Sarawak Mus. J. n.s. 33 (no 54) 1984) 235-244, 15 pl.
- WOOD, J.J. Dendrobium rarum (Orchidaceae). Kew Mag. (incorp. Curtis's Bot. Mag.) 2 (1985) 211-213, 1 col. pl., 1 fig.
From Papua New Guinea.
- WU, C.-Y. & Z.-L. CHEN. Materia ad floram Cucurbitacearum sinensium. Hemsleya Cogn. Acta Phytotax. Sin. 23 (1985) 121-143, 4 fig. (In Chinese).
25 species, several new; key.
- WU, Y.-F. & Y.-W. LAW. Sabiaceae. Fl. Reipubl. Pop. Sin. 47/1 (1985) 72-132, 20 pl.
Meliosma 29 species, Sabia 19.
- YAMAZAKI, T. A revision of the genera Limnophila and Torenia from Indochina. J. Fac. Sc. Univ. Tokyo III, 13 (1985) 575-625, 17 fig.
Key; descriptions; no novelties.
- YEOM, F.B.C. Lesser-known tropical wood species: how bright is their future? Unasylva 36 (1984) 3-16.
- YOUNG, B.E. A new species of Gronophyllum (Palmae) from Papua New Guinea. Principes 29 (1985) 138-141, 4 fig.
From limestone in the Sepik.
- YOW, P.C. Palm's ready brew is 'on tap' (Natural alcoholic drink). Nat. Malaysia-na 9/3 (1984) 28-31, col. phot.
Obtained from the 'nyok' palm, whatever that may be.
- YÜ, T.-T. Rosaceae (2). Rosoideae. Fl. Reipubl. Pop. Sin. 37 (1985) xix, 516 pp., 78 pl.
Genera 25-46, e.g. Potentilla, Rosa, Rubus.

- ZAMORA, P.M. Mangrove research in the Philippines 1600-1983. Nat. & Appl. Sc. Bull. 35 (1983) 211-223, 3 fig., 3 pl.
General; desirable research for the future.
- ZHAO, Y.-T. Iridaceae. Fl. Reipubl. Pop. Sin. 16/1 (1985) 120-198, 25 pl.