

X. BIBLIOGRAPHY
(continued from page 3864)

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* :

ABDUS SALAM, A.M. & Y.S.A.KHAN, *Ulva patengensis*, a new species from Bangladesh. *Phykos* 19 (1980) 129-131, 4 fig.

ADEY, W.H., R.A.TOWNSEND & W.T. BOYKINS, *The crustose coralline algae (Rhodophyta: Corallinaceae) of the Hawaiian Islands*. *Smithson. Contr. Marine Sci.* no 15 (1982) 1-74, 47 fig.

10 genera (1 new) and 29 spp. (several new); key to subfamilies and genera; keys to species.

BANDO, T., S.WATANABE & T.NAKANO, *Desmids from soil of paddyfields collected in Java and Sumatra*. *Tukar-Menukar* 1 (1982) 7-23, 4 fig.
85 species listed and annotated; no novelties.

*CHRISTIANSON, I.G., M.N.CLAYTON & B.M.ALLENDER (eds.), B.FUHRER (photogr.), *Seaweeds of Australia*. A.H.& A.W.Reed Pty Ltd., Sydney (1981) 112 pp., 186 col.pl.
Magnificent atlas; text only with the phyla; ample captions; some seagrasses included.

*CORDERO Jr, P.A. *Studies on Philippine marine red algae*. Nat.Mus.Philip., Manila (1981) 258 pp., 28 pl., 1 map, 265 fig.
Thesis (Kyoto); keys and descriptions of 259 spp., half of them new to the Philippines; 1 new species.

----- *A preliminary study of the ethnobotany of Philippine edible seaweeds, especially from Ilocos Norte and Cagayan Provinces*. *Acta Manillana A* 21 (31) (1982) 54-79.
Chemical analysis; scientific and local names; indication of uses and storage.

HAN, Fu-shan & Wei-qun CHEN, *Some new taxa of Nitelleae from Yunnan*. *Acta Phytotax. Sin.* 20 (1982) 354-370, 6 fig.
In Chinese, with English summary.

----- & Hua-long FU, *Two new species of Nitella from Guizhou*. *Acta Phytotax. Sin.* 20 (1982) 247-248, 1 pl.

HIRANO, M. *Diatoms from Sikkim Himalayas*. *Acta Phytotax. Geobot.* 33 (1982) 106-115, 4 pl., 1 tab.; in Japanese.
Species listed.

HOSMANI, S.P. & S.G.BRARATI, *A new genus and species of algae from Karnataka, India*. *J.Bomb.Nat.Hist.Soc.* 78 (1981) 579-580, 1 fig.
Scenecocystis n.g. (green algae).

- JOHN, J. Valve structure of *Cymbella sumatrensis* Hust. from Northern Australia. *Bacillaria* 5 (1982) 117-126, 3 pl.
New for Northern Australia.
- LUCA, P. DE, A. MUSACCHIO & R. TADDEI, Acidophilic algae from the fumaroles of Mount Lawu (Java, locus classicus of *Cyanidium caldarium* Geitler). *Giorn. Bot. Ital.* 115 (1981) 1-9, 4 fig., 1 tab.
Two different algae grow together, the other being *Pleurococcus sulphurarius*; ecological observations.
- MARCHANT, H.J. Snow algae from the Australian Snowy Mountains. *Phycologia* 21 (1982) 178-184, 11 fig., 1 tab.
Several species identified, but they are different from those of New Zealand and New Guinea.
- MASUDA, M. A systematic study of the tribe Rhodomeleae (*Rhodomelaceae*, *Rhodophyta*). *J. Fac. Sci., Hokkaido Univ. Ser. V (Bot.)* 12 (1982) 209-400, pl. 1-28, 93 fig.
Monograph; one new genus, many new species; general remarks on the tribe.
- MENEZ, E.G. & H.P. CALUMPONG, The genus *Caulerpa* from Central Visayas, Philippines. *Smithson. Contr. Marine Sci.* no 17 (1982) 1-21, 2 fig.
Key to 14 species (one new).
- OHBA, H. & Y. ARUGA, Seaweeds from Ishigaki Island and adjacent islets in Yaeyama Islands, southern Japan. *Jap. J. Phycol.* 30 (1982) 325-331, 1 map, 1 tab.
115 species listed, mostly known from the tropical and subtropical Asian regions.
- PHOOL BEGUM ZAHID, MUBINA BEGUM & M. NIZAMUDDIN, Contribution to marine algae of Pakistan. *Rhodophyceae-Polysiphonia* Greville 1823. *Pak. J. Bot.* 13 (1981) 195, 55 fig.
Key to 10 species (4 new records).
- PRASAD, B.N., P.K. MISRA & R.K. MEHROTRA, Observations on some desmids from Andaman Islands. *Jap. J. Phycol. (Sôrui)* 30 (1982) 297-302, 20 fig.
20 species (9 genera), all unrecorded from India.
- RATNASABAPATHY, M. & S. KUMANO, Studies on freshwater red algae of Malaysia. I. Some taxa of the genera *Batrachospermum*, *Ballia* and *Cloglossa* from Pulau Tioman, West Malaysia. *Jap. J. Phycol. (Sôrui)* 30 (1982) 15-22, 4 fig.
2 new species of *Batrachospermum*.
- & ----- Studies on freshwater red algae of Malaysia. II. Three new species of *Batrachospermum* from Sungai Gombak and Sungai Pusu, Selangor, West Malaysia. *Jap. J. Phycol. (Sôrui)* 30 (1982) 119-124, 4 fig.
- TRONO Jr, G.C. & A.V. DE LARA, Some marine benthic algae from Cabra and Lubang Islands, occidental Mindoro Philippines. *Nat. & Appl. Sci. Bull.* 33 (1981) 1-49, 12 pl. — records, 59 spp. in 39 genera.

WATANABE,S. *A preliminary survey of green and blue-green algae of paddy-fields in Java and Sumatra.* Tukar-Menukar 1 (1982) 1-5.
Generic records and generalities.

b) *Fungi & Lichens :*

*ABERDEEN,J.E.C. *An introduction to the mushrooms, toadstools and larger fungi of Queensland.* Handbook No. 1. The Queensl.Natur.Club (1979) 120 pp., 21 pl., 3 col.pl.
Incl. keys to genera and in certain genera to species.

ARCHER,A.W. *New Australian lichen: Cladonia sulcata.* Muelleria 5 (1982) 115-117, 1 fig.

ARVIDSSON,L. *A monograph of the lichen genus Coccocarpia.* Opera Botanica 67 (1982) 5-96, 63 fig., 2 tab.
Key to 21 species (6 new).

ARX,J.A.VON, *On Monilia sitophila and some families of Ascomycetes.* Sydowia 34 (1981) 13-29, 2 fig.

This well-known, important yeast now distinguished as a separate genus Chrysonilia n.g.; discussion of related families.

-----, K.G.MUKERJI & N.SINGH, *Faurelina indica spec.nov.* Sydowia 34 (1981) 39-41, 1 fig.
From dung.

AWASTHI,D.D. *Pyxine in India.* Phytomorphology 30 (1980) 359-379, 6 fig.
Key to 21 species.

BEATON,G. & G.WESTE, *Australian Hypogaean Ascomycetes.* Trans.Br.Mycol. Soc. 79 (1982) 455-468, 9 fig.
Discussion of Australian truffles; key to 14 species (belonging to 9 genera), a few also in Malesia. The type of Labyrinthomyces from Java reduced because of an older name from Tasmania.

BI,Chi-shu, Ta-ching LOH & Gou-yang ZHENG, *Basidiomycetes from Dinghu mountain of China. Some new species of Boletaceae (1).* Acta Bot. Yunnanica 4 (1982) 55-64, 2 fig.
Incl. new species in Boletus and Boletinus.

CRANE,J.L. & A.D.HEWINGS, *Stilbellaceous fungi 1. Didymostilbe.* Mycotaxon 16 (1982) 133-140, 3 fig.
Key to 5 species.

DARGAN,J.S. *Xylaria musoorensis - A new species from India.* Mycologia 74 (1982) 523-525, 6 fig.

ELIX,J.A. & H.STREIMANN, *New lichen records for Australia.* J.Hattori Bot. Lab. no 51 (1982) 69-97.
Data on 162 species emended; 51 new records.

ELLINGSEN,H.-J. *Some gasteromycetes from Northern Thailand.* Nordic J.Bot. 2 (1982) 283-285. — 11 records (8 new).

- ELLIS, D.H. & P.J. KEANE, *Thermophilic fungi isolated from some Australian soils*. Aust.J.Bot. 29 (1981) 689-704, 17 fig., 2 tab.
13 species.
- FILSON, R.F. *A contribution on the genus Parmella (Lichens) in Southern Australia*. Aust.J.Bot. 30 (1982) 511-582, 23 fig.
Important survey; key to 89 spp. (6 new, 1 new comb.); descriptions; specimens mentioned.
- FURTADO, J.S. *Taxonomy of Amauroderma (Basidiomycetes, Polyporaceae)*. Mem. N.Y.Bot.Gard. 34 (1981) 1-109, 41 fig.
Monograph; key to 25 species; several in Malesia.
- GAMUNDÍ, I.J. *On Lagerheima Sacc. and Bulgariella Karst.* Sydowia 34 (1981) 82-93, 4 pl.
6 species in Lagerheima, 1 from Indonesia.
- GINNS, J. *A monograph of the genus Coniophora (Aphyllophorales, Basidiomycetes)*. Opera Botanica no 61 (1982) 1-62, 24 fig., 4 tab.
Key to 15 species; morphology; ecology.
- GRGURINOVIC, C.A. & A.A. HOLLAND, *A field identification key of some Victorian species of the genus Mycena*. Vict.Natur. 99 (1982) 102-107, 1 fig., 9 pl.
Key to 16 species (several new); no descriptions.
- GUPTA, D., P.N. CHOWDHRY & B. PADHI, *New species of Dothiorella from ornamental plants of India*. Indian Phytopath. 34 (1981) 207-210, 1 fig., 1 phot.
3 new species.
- HEDGER, J.N., R.A. SAMSON & T. BASUKI. *Scytalidium indonesiacum, a new thermophilous hyphomycete from Indonesia*. Trans.Br.Mycol.Soc. 78 (1982) 364-366.
- HEINEMANN, P. *Quelques Psalliotes de Nouvelle-Guinée (Papua New Guinea)*. Bull.Jard.Bot.Nat.Belg. 52 (1982) 405-413, 3 fig.
6 species of Psalliota (2 new) and 1 n.sp. in Micropsalliota (leg. E. Horak).
- HJORTSTAM, K. *Boidinia, a new genus segregated from Gloeocystidiellum*. Mycotaxon 14 (1982) 75-81, 3 fig.
One species also in Malesia.
- & L. RYVARDEN, *Aphyllophorales from Northern Thailand*. Nordic J.Bot. 2 (1982) 273-281, 8 fig.
154 (116 new) records (7 new spp.); key to spp. of Byssocorticium.
- HOLLAND, K. & T. SCHUMACHER, *Agarics, clavarioid and some heterobasidiomycetous fungi from Northern Thailand*. Nordic J.Bot. 2 (1982) 265-271, 2 fig.
51 species recorded (40 new records); 1 n.sp., 1 new comb.
- HONGO, T. *The Amanitas of Japan*. Acta Phytotax.Geobot. 33 (1982) 116-126, 1 fig.; in Japanese. -- Keys to genera and 45 species.

- HORAK, E. *Notes on taxonomy and biogeography of Rozites Karsten.* Sydowia 34 (1981) 94-108, 6 fig., 1 distr. map.
Key to 14 species (2 new). The genus follows exactly the range of Nothofagus, except for Australia and Tasmania; might be an ecto-mycorrhiza of Nothofagus.
- *Conchomyces v. Overeem - an independent genus within the Agaricales?* Sydowia 34 (1981) 109-114, 3 fig., 1 distr. map.
Originally a monotypic genus from Java, now found to have some 11 new synonyms and to range from Java, New Guinea, New Caledonia, Australia, Tasmania to New Zealand and Chile. One new combination.
- & M. TAYLOR, *Fungi Agaricini Novazelandiae. XI. Rozites Karsten.* New Zeal.J.Bot. 19 (1981) 353-360, 5 fig.
Key to 5 (new) New Zealand species.
- INOUE, M. *The genera Lecidea, Lecidella and Huilia (Lichens) in Japan. I. Lecidea.* J.Sci.Hiroshima Univ. ser.B, div. 2 Bot. 18 (1982) 1-56, 4 pl., 27 fig. & maps.
Key to 16 species; descriptions.
- JOHNSTON, P.R. & G.H. BOEREMA, *Phoma nigricans sp.nov. and P. pratorum sp. nov., two common saprophytes from New Zealand.* New Zeal.J.Bot. 19 (1981) 393-396, 4 fig.
2 new species.
- JÜLICH, W. *Basidiomycetes of South-East Asia. 1. The genus Paraphelaria (Auriculariales).* Persoonia 11 (1982) 397-406, 5 fig.
Key to 3 species of Paraphelaria; Aphelariopsis n.g. (1 n.sp. from Borneo, 1 new comb. for a neotrop. sp.).
- KAR, A.K. & S.K. GUPTA, *Xylariaceae of West Bengal. III. Indian Phytopath.* 34 (1981) 203-206, 2 fig.
7 species reported (2 new records for India).
- KARLING, J.S. *Some zoosporic fungi from soils of Sri Lanka.* Nova Hedwigia 35 (1981) 107-116, 2 pl.
Name list; 1 new species, 1 new variety.
- KIRK, P.M. *The genus Sporophiala (Hyphomycetes).* Trans.Br.Mycol.Soc. 78 (1982) 559-563, 2 fig.
1 new species, S. indica.
- KOBAYASHI, T. *Notes on the Philippine fungi parasitic to woody plants (4).* Trans.Mycol.Soc.Japan 22 (1981) 301-310, 6 fig., 2 tab.
5 species recorded (1 new).
- KOBAYASI, Y. *Gelatinous members of Agaricales with poroid, lamellate or reticulate hymenium from tropical regions.* Trans.Mycol.Soc.Japan 22 (1981) 419-427, 9 fig., 2 pl.
13 species recorded (4 new, from Papua New Guinea), 1 new genus erected.

- *Revision of the genus Xylaria with slender rhizomorphous stroma.*
Acta Phytotax. Geobot. 33 (1982) 201-205, 3 fig.
 8 species listed for Japan.
- & D.SHIMIZU, *The genus Cordyceps and its allies from Taiwan (Formosa).* *Bull.Natn.Sci.Mus., Tokyo ser.B,* 7 (1981) 113-122, 8 fig.
 11 species recorded (4 new).
- & ----- *Monograph of the genus Torrubiella.* *Bull.Natn.Sci.Mus., Tokyo ser.B,* 8 (1982) 43-78, 48 fig.
 56 species listed (25 new).
- KOCH,J. *Some lignicolous marine fungi from Sri Lanka.* *Nordic J.Bot.* 2 (1982) 163-169, 5 fig., 1 tab.
 27 species of marine fungi reported from intertidal wood in Ceylon.
- KROG,H. *Punctelia, a new lichen genus in the Parmeliaceae.* *Nordic J.Bot.* 2 (1982) 287-292, 2 fig., 3 tab.
 Punctelia segregated from Parmelia as separate genus; 22 new comb.
- KUROKAWA,S. *Studies on Australian and Tasmanian species of Parmelia (1).*
Bull.Natn.Sci.Mus.Tokyo ser.B, 8 (1982) 35-42, 2 pl.
 7 species treated (4 new).
- KUTHUBUTHEEN,A.J. *Thermophilous fungi from Malaysia.* *Trans.Br.Mycol.Soc.* 79 (1982) 548-552, 1 tab.
 20 species listed and tabulated according to substratum where they were found.
- MATHUR,P.N. *Phaeoisariopsis tinosporae, a new member of Stilbellaceae from Rajasthan (India).* *Sydowia* 34 (1981) 115-117, 1 pl.
- MER,G.S. & R.D.KHULBE, *Aquatic hyphomycetes of Kumaun Himalaya, India.*
Sydowia 34 (1981) 118-124, 2 fig., 1 tab.
 5 species described.
- MISRA,A. & J.K.MISRA, *Fungal flora of marketed betel nuts.* *Mycologia* 73 (1981) 1202-1203.
 18 species (of 8 genera) isolated and identified.
- MISRA,P.C. & S.K.SRIVASTAVA, *Two undescribed Stachybotrys species from India.* *Trans.Br.Mycol.Soc.* 78 (1982) 556-559, 2 fig.
 Stachybotrys mangiferae and S. globosa spp. nov.
- MOLHO,D. & B.BODO, *A chemically distinctive new Ramalina from Fiji.*
The Bryologist 84 (1981) 396-398, 1 fig.
- NATARAJAN,K. & B.MANJULA, *South Indian Agaricales XI.* *Mycologia* 74 (1982) 130-137, 23 fig.
 5 new species and 1 new variety.
- ONO,Y. *Rusts of yams in Southeast Asia and South Pacific.* *Trans.Br.Mycol.Soc.* 79 (1982) 423-429, 7 fig.
 Taxonomy of rust fungi in SE. Asia and S. Pacific on Dioscorea;
 7 spp. accepted and 2 additional ones described.

- OSHIO,M. A taxonomic revision of *Pertusaria mendax* (*Lichen*) and its allies. *Hikobia Suppl.* 1 (1981) 247-256, 12 fig.
Key to 4 species (1 new comb.).
- PETRINI,O. & M.DREYFUSS, Endophytische Pilze in epiphytischen Araceae, Bromeliaceae und Orchidaceae. *Sydwia* 34 (1981) 135-148, 3 fig., 1 tab.
36 species listed (some new).
- RIFAI,M. A new *Malanographium* with mononematous conidiophores. *Reinwardtia* 10 (1982) 99-102, 1 fig.
A new species on palm petioles in the Botanical Garden, Bogor.
- *----- Kamus mikologi. Pusat Pembinaan dan Pengembangan Bahasa, Dept. P. & K. Jalan Diponegoro 82, Jakarta (1982) 67 pp.
- *ROGERS,R.W. The genera of Australian lichens (*Lichenized Fungi*). Univ. Queensl.Press, St. Lucia (1981) 124 pp., 4 fig.
Descr. of all lichen genera of Australia; 7 keys to the genera; descr. morphol., chemistry, phycobiont. and distr.; bibliography; glossary.
- The nomenclature of some Australian lichens described as *Lecanora* and *Placodium* by Müller-Argoviensis. *Muelleria* 5 (1982) 31-34.
Some reductions and new combinations.
- The corticolous species of *Haematomma* in Australia. *Lichenologist* 14 (1982) 115-129, 4 fig., 2 tab.
Key to 8 species.
- RYVARDEN,L. Synopsis of the genus *Wrightoporia*. *Nordic J.Bot.* 2 (1982) 145-149, 1 fig.
Key to 6 species (2 new, of which one also in Thailand).
- SAIKIA,U.N. & A.K.SARBHOY, Hyphomycetes of North-east India. IV. The genus *Melanographium*. *Indian Phytopath.* 34 (1981) 364-367, 2 fig.
3 species (1 new).
- SCHUMACHER,T. Ascomycetes from Northern Thailand. *Nordic J.Bot.* 2 (1982) 257-263, 1 fig.
25 species new to Thailand (1 n.sp., 1 new comb.).
- SEAWARD,M.R.D. University of Wroclaw Lichen Herbarium. *Nova Hedwigia* 36 (1982) 17-31.
Lists added of collectors and geographical areas; incl. the large Lauterbach herbarium.
- SHARMA,B.B. & G.AWASTHI, Lichen genus *Ramalina*, subsection *Fistularia* in India. *Misc.Bryol.et Lichenol.* 9 (1981) 33-36, 4 fig.
Key to 3 species.
- SHAW,D.E. & E.G.CARTLEDGE, Sporobolomycetaceae from Indooroopilly (Australia) and from Port Moresby (Papua New Guinea). *Proc.Linn.Soc.N.S.W.* 104 (issued 1981) 161-170, 4 tab.
Screenings of various genera.

- SINGH, Ajay, *Observations on some pyrenocarpous lichens. 1. Nova Hedwigia* 36 (1982) 237-239.
 5 species from India and Andaman Is. (2 new comb.).
- SMITH, C.W. & P.PONCE DE LEON, *Hawaiian geastroid fungi*. Mycologia 74 (1982) 712-717, 2 fig.
 Key to 10 taxa.
- SRIVASTAVA, S.L. *Raizadenia: a new genus of Hypomyctetes from India*. Indian Phytopath. 34 (1981) 334-336, 1 fig.
- SUGIYAMA, K. *Notes on Laboulbeniomycetes of Formosa. III*. Trans.Micol.Soc. Japan 22 (1981) 311-319, 2 pl.
 6 new species.
- & H.YAMAMOTO, *Notes on the Laboulbeniomycetes (Ascomycotina) in Borneo. I*. Trans.Micol.Soc.Japan 23 (1982) 119-130, 6 fig.
 8 species of Laboulbenia (none new).
- TU, Chin-chyu & Chin-haw LIN, *Agaricus subrufescens Peck, a new mushroom with potential cultivability and commercial value*. Taiwan Mushrooms 5 (1981) 85-89, 8 fig.
- , Chang-hwa LIN & Sieh CHENG, *Investigation on mushroom resources of Taiwan, ROC (1)*. Taiwan Mushrooms 5 (1981) 90-100, 12 fig. (in col.). In Chinese; 11 species treated.
- WEI, Jiang-chun & Yu-mei JIANG, *New materials for lichen flora from Xizang*. Acta Phytotax.Sin. 20 (1982) 496-501.
 10 new taxa in various genera.
- WHITNEY, K.D. & H.W.KELLER, *A new species of Badhamia, with notes on Physarum bogoriense*. Mycologia 74 (1982) 619-624, 7 fig.
 Neotropical record of a Javanese species.
- YEH, Kai-wun & Zuei-ching CHEN, *The boletes of Taiwan*. Taiwania 26 (1981) 100-115, 11 col.pl., 13 fig.
 14 species treated, none new.
- YEN, Jo-min & G.LIM, *Etude des champignons parasites du sud-est Asiatique. 46. Champignons parasites de Malaisie. 23: Cercospora sur Canavalia (Leguminosae)*. Bull.Soc.Micol.Fr. 98 (1982) 365-368, 1 fig.
 2 new species from Bt. Timah (Singapore).
- ZANG, Mu, Dao-qing LIU & Ruo-ying HU, *Notes concerning the subdivisions of Cordyceps and a new species from China*. Acta Bot.Yunnanica 4 (1982) 173-176; in Chinese.
 Key to 2 species (1 new).
- ZHENG, Ru-yong & Gui-qing CHEN, *The genus Erysiphe in China*. Sydowia 34 (1981) 214-327, 57 fig.
 Key to 57 species (several new).
- & ---- *Taxonomic studies on the genus Uncinuliella of China. I. Uncinuliella australiana (McAlp.) comb.nov.* Acta Bot.Yunnanica 4 (1982) 363-366, 1 fig.

c) *Bryophytes* :

- AMAKAWA,T. *A revision of the subgenus Plicaticalyx of the genus Scapania.*
Hikobia Suppl. 1 (1981) 117-127, 6 fig., 1 tab.
Key to 4 species; one reduction.
- ANDO,H. *Hypnum in Australasia and the southern Pacific.* J.Hattori Bot.
Lab. no 52 (1982) 93-106, 4 fig. & maps.
Discussion of distribution of 11 species.
- *Hypnum saitoi*, a new species of moss from Japan. Acta Phytotax.Geo-bot. 33 (1982) 23-27, 1 fig.
- BOESEN,D.F. *The taxonomy of Drucella Hodgs. and Drucelleae, trib. nov.*
and their position within Lepidozioideae Limpr. Lindbergia 8 (1982)
77-88, 8 fig.
- BRUGGEMAN-NANNENGA,M.A. & Z.IWATZUKI, *Notes on two Asiatic species of*
Fissidens (Musci). Misc.Bryol.et Lichenol. 9 (1981) 29-33, 2 fig.
One record from Himalaya; 1 new species from Central Celebes and
the Philippines.
- CAMPBELL,E.O. *Notes on some Anthocerotae of New Zealand (2).* Tuatara 25
(1982) 65-70, 5 fig.
2 species treated.
- *Notes on some Anthocerotae of New Zealand (3).* Tuatara 26 (1982)
20-26, 7 fig.
- CATCHESIDE,D.G. *The geographical affinities of the mosses of South Aus-*
tralia. J.Hattori Bot.Lab. no 52 (1982) 57-64, 4 tab.
Discussion of geographical affinities of the 184 species known.
- FIFE,A.J. *Taxonomic and nomenclatural observations on the Funariaceae. 1.*
Physcomitrium, Physcomitrella, and Goniomitrium in New Zealand.
Lindbergia 8 (1982) 96-104, 21 fig.
2 new species.
- FRAHM,J.-P. *Taxonomische Notizen zur Gattung Campylopus. XII. Cryptoga-*
mie, Bryol. Lichénol. 3 (1982) 59-65.
Various critical notes; a South American species (*C. surinamensis*)
now also in Annam; several reductions.
- GROLLE,R. *Übersicht der Lejeuneaceae in Tasmanien.* Wiss.Ztschr.Friedrich-
Schiller-Univ. Jena, Math.-Nat. R. 31 (1982) 207-227, 1 Abb.
Keys to genera and species; some new species and new combinations.
- HAJI MOHAMED,M.A. *Rhodobryum commersonii (Schwaegr.) Par. and R. aubertii*
(Schwaegr.) Thér. in South India. J.Bryolog. 11 (1981) 691-694.
The second species also in Malesia.
- *Bryum wightii* Mitt. and related species. J.Bryolog. 12 (1982) 23-
29, 3 fig.
Key to 3 species, one new.

- HASEGAWA, J. *Dendroceros borbonicus* Steph., a new record for Sri Lanka.
Misc.Bryol.et Lichenol. 9 (1981) 39-41, 1 fig.
- Note on Samoan species of *Dendroceros*. Misc.Bryol.et Lichenol. 9 (1982) 97-100, 1 fig.
5 species described.
- HATTORI, S. Distribution and diversity of the *Frullaniaceae*, *Hepaticae*, with special reference to species in New Guinea and New Caledonia. Acta Phytotax.Geobot. 33 (1982) 103-105; in Japanese.
- A synopsis of New Guinean *Frullania*, *Hepaticae*. J.Hattori Bot.Lab. no 51 (1982) 203-271, 5 fig., 2 tab.
Keys to subgenera and 77 species (some new). Floristic affinities; the area is one of the richest in the world.
- Corrections and additions to 'A Synopsis of New Guinean *Frullania*'.
Misc.Bryol.et Lichenol. 9 (1982) 123-125, 1 fig.
- Asian taxa of the *Frullania dilatata* complex. J.Jap.Bot. 57 (1982) 257-260.
A new subsp. *asiatica* Hattori.
- INOUE, H. On two species of *Cephalozia* (*Hepaticae*) new to the Japanese flora. Hikobia Suppl. 1 (1981) 101-104, 1 fig.
Of the 2 records one is a widely spread SE. Asian species.
- Speciation and distribution of *Plagiochila* in Australasia and the Pacific. J.Hattori Bot.Lab. no 52 (1982) 45-56, 4 maps, 2 tab.
Notes on a number of species and their ranges.
- IWATSUKI, Z. & T.SUZUKI, A taxonomic revision of the Japanese species of *Fissidens* (*Musci*). J.Hattori Bot.Lab. no 51 (1982) 329-508, 54 pl., 8 maps, 15 tab.
Key to 43 species; several reductions; some n.spp. and n.comb.
- & B.C.TAN, Noteworthy Philippine mosses at the Hattori Botanical Laboratory (NICH), Japan. Kalikasan, Philip. J. Biol. 9 (1980) 267-282, 66 fig.
22 species treated; new records, no new species.
- KITAGAWA, N. Two interesting species of the *Hepaticae* from the Philippines.
Misc.Bryol.et Lichenol. 9 (1981) 8-10, 2 fig.; in Japanese.
Triandrophyllum subtrifidum hitherto only known from the southern hemisphere; and a species known from Singapore.
- Miscellaneous notes on little-known species of *Hepaticae*. 51-70.
Hikobia Suppl. 1 (1981) 67-72.
Many type specimens examined of genera of Jungermanniales; 20 spp. newly reduced under synonymy of earlier spp. and 3 spp. transferred to other genera.
- KOPONEN, A. The family *Splachnaceae* in Australasia and the Pacific. J. Hattori Bot.Lab. no 52 (1982) 87-91, 3 maps.

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ANSARI, M.Y. *Drimia razii* sp.nov. from Maharashtra. J.Bomb.Nat.Hist.Soc. 78 (1981) 572-573, 1 fig. — Liliaceae.

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---- & H.T.CHAN, *Methods of studying the reproductive biology of some Malaysian primary forest trees*. Malays.For. 45 (1982) 10-20, 1 fig., 2 tab.

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ARGENT, G.C.G. *New taxa and combinations and comments on Ericaceae*. Bot. J.Linn.Soc. 85 (1982) 2-17, 5 fig., 1 tab.

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ASHTON, P.S. *Forest conditions in the tropics of Asia and the Far East. Studies in Third World Societies no 13* (ed. Dept. Anthropology, College of William & Mary, Williamsburg, Virginia 23185, U.S.A.) (1981) 169-179.

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---- *Dipterocarpaceae*. Fl.Males. I, 9 (1982) 237-552, 118 fig.
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BACON, P.S. *The weedy species of Merremia (Convolvulaceae) occurring in the Solomon Islands and a description of a new species*. Bot.J.Linn. Soc. 84 (1982) 257-264, 3 fig., 1 tab.

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BALGOOY, M.M.J.van, *A revision of Sericolea Schlechter (Elaeocarpaceae)*. Blumea 28 (1982) 103-141, 6 fig.

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BARKER, W.R. *Daphniphyllaceae; Juglandaceae; Stackhousiaceae; Staphyleaceae*. In: E.E.Henty, *Handbooks of the Flora of Papua New Guinea*. Vol. II. Melbourne Univ. Press (1981) 34-37, fig. 12; 202-205, fig. 46; 255-257, fig. 59; 258-261, fig. 60, respectively.

*----- *Taxonomic studies in Euphrasia L. (Scrophulariaceae)*. A revised infrageneric classification and a revision of the genus in Australia. J.Adelaide Bot.Gard. 5 (1982) 1-304, 100 fig., 12 tab.
Important study; detailed evaluation of morphological characters; origin and diversification of the genus, the range of which is agreed to be homologous with that of Fagoideae. The Malesian species placed in 2 sections, Pauciflorae and Malesianae; 18 species in Australia (some new) and many infraspecific taxa.

BARLOW, B.A. *Loranthaceae*. In: E.E.Henty, *Handbooks of the Flora of Papua New Guinea*. Vol. II. Melbourne Univ. Press (1981) 206-254, fig. 47-58.

16 genera with 50 species.

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*BEEKMAN, F. c.s. *Bibliography on forest ecology, forest management, agroforestry and timber characteristics for Indonesia - 1950-1980*. De Dorschamp, Wageningen, The Netherlands, Rapport 285 (1982) 112 pp. mimeographed, inexpensive.
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- *----- *Bibliography on rattans.* De Dorschkamp, Wageningen, The Netherlands, Rapport 286 (1982) 26 pp. mimeographed, inexpensive.
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- *BEENTJE,H.J. *A monograph on Strophanthus DC. (Apocynaceae).* Meded.Landbouwhogesch.Wageningen 82-4 (1982) 1-191, 45 fig., 42 maps, 7 phot.
Excellent monograph, richly illustrated, with identification list.
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5 pp., 2 fig.
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- BIMANTORO,R. *Uwi (Dioscorea spp.), bahan pangan non-beras yang belum diolah.* Bul.Kebun Raya 5 (1981) 7-18, 5 fig.; in Indonesian.
Descriptions and figures of various species and clones.
- BOGNER,J. *A new Aridarum species (Araceae) from Sarawak.* Blumea 28 (1983) 403-405, 1 fig.
- BOOM,B.M. & S.A.MORI, *Falsification of two hypotheses on liana exclusion from tropical trees possessing buttresses and smooth bark.* Bull. Torrey Bot.Club 109 (1982) 447-450, 2 tab.
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— Reviewed on page 3938.
- BOSMAN,M.T.M. & A.J.P.de HAAS, *A revision of the genus Tephrosia (Leguminosae-Papilionoideae) in Malesia.* Blumea 28 (1983) 421-487, 6 fig., 6 maps.
Key to 20 species (4 endemic in Malesia), 2 new; 4 names reduced; identification list.
- BRANGER,C. *Paphiopedilum exul Ridley et O'Brien Sectie Neuropetalum.*
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Description; the first from S. Peninsular Thailand.

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- A check-list of the Memecylon species (Melastomataceae) in Borneo, Java, Malaya and Sumatra. *Gard.Bull.Sing.* 35 (1982) 45-49, 1 fig.
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- BRIDGES,K.W., R.C.PHILLIPS & P.C.YOUNG, Patterns of some seagrass distributions in the Torres Straits, Queensland. *Aust.J.Mar.Freshwater Res.* 33 (1982) 273-283, 8 fig., 1 tab.
12 species involved (22% of all known).
- BRITTAN,N.H. Revision of the genus *Thysanotus* (Liliaceae). *Brunonia* 4 (1981) 67-181, 30 fig.
Monograph; key to 47 species (3 new), all Australian except two. For the Papuan specimens of one of these two species (in Fl.Males. I, 9 accepted as *T. tuberosus*) the name *T. banksii* R.Br. is reinstated, but on minute and inconsistent differences, with which I cannot agree.—v.St.
- BROWN,B.F. The search for the natural habitat of the pink petioled *Aglaonema* (Araceae). *Aroideana* 5 (1982) 89-94.
In the Philippines.
- *BUJADOUX,S. & V.MUNSCH, Réitération et construction des cimes chez quelques arbres de Malaisie. Dept.Botanique, Rue Broussonet, Montpellier, France (1981) 39 pp. mimeographed, many illus.
As Hallé, Oldeman & Tomlinson explained, a tree during its development repeats its architectural pattern in the branches. These pupils of Hallé's describe the phenomenon in detail on trees at the FRI in Kepong, illustrated by many drawings and fine photographs. A reasoned forest profile is also given.—M.Jacobs.
- BUNT,J.S., W.T.WILLIAMS & N.C.DUKE, Mangrove distributions in north-east Australia. *J.Biogeography* 9 (1982) 111-120, 3 fig., 2 tab.
45 species listed; ecological observations on 6 site groups.
- BURBIDGE,N.T.† A revision of *Vittadinia* A.Rich. (Compositae) together with reinstatement of *Eurybiopsis* DC. and description of a new genus, *Camptacra*. *Brunonia* 5 (1982) 1-72, 10 pl., 14 maps, 1 tab.
Key to 27 species; generic splits: *Eurybiopsis* DC. (monotypic) and *Camptacra* Burb. n.g. (2 spp. of which one, formerly *Vittadinia brachycomoides* F.v.M., also in New Guinea).
- BURTT,B.L. New species and combinations in Gesneriaceae. *Bot.J.Linn.Soc.* 85 (1982) 17-30.
10 new species in 5 genera (*Agalmyla*, *Cyrtandra*, *Didissandra*, *Loxocarpus* and *Paraboea*) from Mt Mulu National Park, Sarawak.
- BYRNES,N. The genus *Myrtus* or *Austromyrtus* in Australia? *Aust.Syst.Bot. Soc.Newsletter* no 31 (1982) 10-11.
Reduced to *Myrtus*.

- CHADIM, V.A. *Vanda hindsii* Lindl. (*Orch.*). The Orchadian 7 (1981) 42, 2 phot.
From New Guinea.
- *Dendrobium crispilinguum* Cribb, additional notes. The Orchadian 7 (1982) 59, 2 fig.
From New Guinea.
- *Ceologynes* of New Guinea. The Orchadian 7 (1982) 60-62, 10 fig.
There are 7 species, 4 of which large-flowered.
- *Coeogyne fragrans* Schltr. The Orchadian 7 (1982) 84-85, 6 fig.
From New Guinea.
- *CHAMBERLAIN, D.F. A revision of *Rhododendron*. II. Subgenus *Hymenanthes*.
Notes R.Bot.Gard.Edinb. 39 (1982) 209-486, 9 fig., 136 maps, 7 tab.
3 species in Malesia, of which one, *R. atjehense* Sleum. is reduced
to the Vietnamese subspecies *kontumense* of the Chinese *R. irroratum*.
- CHAN, H.T., R.UJANG & N.P.SOO, A note on mass mortality of *Avicennia marina*
trees in the South Banjar Forest Reserve, Selangor. Malays.For. 44
(1981) 561-565, 3 fig.
Reasons for extensive mass mortality are still unclear.
- CHANDRABOSE, M. & V.CHANDRASEKARAN, A new species of *Eriocaulon* L. (*Eriocaulaceae*) from South India. J.Bomb.Nat.Hist.Soc. 79 (1982) 165-167, 1 fig.
- , ----- & M.C.NAIR, A new species of *Dendrobium* from S. India
(*Orchidaceae*). J.Bomb.Nat.Hist.Soc. 78 (1981) 575-576, 1 fig.
- CHANG, Ben-neng, *Jia di feng pi*. A new species of the genus *Illicium*
Linn. Acta Bot.Yunnanica 4 (1982) 47-48, 1 fig.
- CHANG, Hung-ta, New species of *Tiliaceae* from China. Acta Phytotax.Sin. 20
(1982) 171-178.
Contains 7 new species of *Grewia*.
- & Ru-huai MIAU, Additions to the Myrtaceous flora of China. Acta
Bot. Yunnanica 4 (1982) 17-25.
Syzygium (19 spp.), *Decaspernum* (3); many new species.
- CHANG, Yong-tian, *Materiae ad floram Euphorbiacearum sinensium*. I. Acta
Phytotax.Sin. 20 (1982) 224-225; in Chinese.
Key to 3 species of *Ostodes* (1 new species).
- CHAZANFAR, S.A. *Eriocaulaceae*. Flora of Pakistan no 142 (March 1982) 1-4,
1 fig.
E. cinereum var. *sieboldianum*.
- CHEN, Chia-jui, New taxa of trib. *Urereae* Wedd. (*Urticaceae*) in China.
Acta Bot.Yunnanica 4 (1982) 329-335, 1 fig.
1 new species in *Laportea*, and some infraspecific taxa in *Laportea*
and *Girardinia*.

- *CHEN,F.H. (ed.) *New mirror of flowers* (1982) — Reviewed on page 3938.
- CHEN,Qing-lian & Bao-min YANG, *Two new species of Berberidaceae from Hunan*. Acta Phytotax.Sin. 20 (1982) 482-484, 2 fig.
1 Berberis, 1 Epimedium.
- CHEN,Sing-chi, *Notes on some Chinese species of Oberonia (Orchidaceae)*.
Acta Phytotax.Sin. 20 (1982) 190-195, 2 fig.
9 species described (4 new).
- & Fang-yuan LIU, *Notes on some species of Paphiopedilum from Yunnan*. Acta Bot.Yunnanica 4 (1982) 163-167, 1 fig.; in Chinese.
4 species (1 new).
- *CHEN,Yi-ling & Pan-kat CHOU, *Rhamnaceae*. Fl.Reipubl.Pop.Sinicae 48 (1) (1982) vi + 169 pp., 43 pl.; in Chinese.
14 genera with 135 species; none new.
- CHIN,S.C. *The limestone hill flora of Malaya. III*. Gard.Bull.Sing. 35 (1982) 137-190.
Keys to species in each family; Rubiaceae to Flagellariaceae; no novelties.
- CHUMA,C. *Saprophytic plants of the Ise Shrine area (2). On Epipogium roseum (Orchidaceae)*. J.Jap.Bot. 57 (1982) 182-187, 4 fig., 4 pl.
Very detailed data on this saprophyte. In Japanese.
- *CLEMENTS,M.A. *Preliminary checklist of Australian Orchidaceae*. Issued by Nat.Bot.Gard.Canberra (1982) folio mimeographed 216 pp.
Synonyms and distribution in Australia cited. Genera alphabetically arranged. Caladenia carneata R.Br. is here accepted under the name C. catenata (J.Sm.) Druce.
- *COMBE,J. c.s. *Bibliography on tropical agroforestry*. CATIE, Turrialba, Costa Rica (1981) 67 pp. mimeographed, inexpensive.
Contains 680 items, with number of references and sometime brief annotation. Emphasis is on the New World. Well-indexed. A supplement is in preparation.—M.Jacobs.
- *COMBER,J.B. *Wayside Orchids of Southeast Asia*. Petaling Jaya, Heinemann Educ. Books (1981) 28 + 16 pp., col.pl. M\$ 5.75.
Rather few species illustrated, but some rare.
- CONN,B.J. *Lectotypification of Neuburgia corynocarpa var. sarkantha (Loganiaceae)*. Brunonia 4 (1981) 209-211, 1 fig.
Lectotype discovered, superseding neotype.
- *Coriariaceae*. In: E.E.Henty, *Handbooks of the Flora of Papua New Guinea. Vol. II*. Melbourne Univ. Press (1981) 31-33, fig. 11.
- COODE,M.J.E. *Elaeocarpaceae*. In: E.E.Henty, *Handbooks of the Flora of Papua New Guinea. Vol. II*. Melbourne Univ.Press (1981) 38-185, fig. 13-40.
6 genera; Aceratium (12 spp.), Dubouzetia (4), Elaeocarpus (68), Sericolea (11), Sloanea (18); keys to fruiting & flow. specimens.

COOK,C.D.K. & R.LÜÖND, *A revision of the genus Hydrilla (Hydrocharitaceae)*. Aquatic Botany 13 (1982) 485-504, 5 fig., 1 tab., 1 distr. map.

Extensive synonymy and description of all kinds of features; monotypic genus; one variable species.

----- & ----- *A revision of the genus Nechamandra (Hydrocharitaceae)*. Aquatic Botany 13 (1982) 505-513, 3 fig. (map).

Monotypic; Ceylon and India; introduced in Vietnam and Sudan.

----- & ----- *A revision of the genus Hydrocharis (Hydrocharitaceae)*.

Aquatic Botany 14 (1982) 177-204, 4 fig., 3 maps, 1 tab.

Full descriptions; morphology; chromosomes (in H. dubia variable); key to the 3 species.

----- & ----- *A revision of the genus Blyxa (Hydrocharitaceae)*. Aquatic Botany 15 (1983) 1-52, 11 fig., 5 maps, 1 tab.

Full revision; for Malesia 2 species reduced.

*COPE,Th.A. *Poaceae*. In: E.Nasir & S.I.Ali, Flora of Pakistan 143 (1982) 1-687, 75 fig., 1 map.

Excellent account of 158 genera, c. 500 taxa. Keys, synonymy, short descriptions, indication of types, distribution in- and outside West Pakistan, very noteworthy general comments and notes on delimitation, relationships, variability, nomenclature, uses, etc. Surprisingly no new taxa; a few new combinations. A good companion to Bor's treatments (1960, 1968, 1970) of neighbouring countries.— J.F.Veldkamp.

COWLEY,E.J. *A revision of Roscoea (Zingiberaceae)*. Kew Bull. 37 (1982) 747-777, 4 fig., 2 tab.

Key to 17 species; descriptions; full synonymy.

CRIBB,P.J. *A new species of Coelogyne (Orchidaceae) from West Malaysia*. Kew Bull. 36 (1982) 779-781, 1 fig.

----- *Dendrobium sect. Ceratobium in the Pacific Islands*. The Orchadian 7 (1982) 119-120.

Key to 11 species (3 new ones not described).

----- & J.DRANSFIELD, *Paphiopedilum tonsum* (Orch.). Curtis Bot.Mag. n.s. 184 (1982) 5-7, 1 fig., tab. 838.

From Sumatra; also remarks on synonymy of some other species.

----- & C.Z.TANG, *Spathoglottis (Orchidaceae) in Australia and the Pacific Islands*. Kew Bull. 36 (1982) 721-729, 1 fig., 1 map.

Key to 6 species; some new synonyms; descriptions.

----- & J.WOOD, *Paphiopedilum appletonianum* (Orch.). Curtis Bot.Mag. n.s. 183 (1981) tab. 833.

Said to have come from Borneo, but probably an error for Peninsular Thailand.

CROAT,Th.B. *A study of Old World aroids*. Aroideana 5 (1982) 13-25, 32 phot. — Report of 4 months trip in Old World tropics.

CROFT, J.R. *Bixaceae. Bombacaceae. Cochlospermaceae. Hernandiaceae. Hamamelidaceae. Styracaceae.* In: E.E.Henty, *Handbooks of the Flora of Papua New Guinea.* Vol. II. Melbourne Univ.Press (1981) 1-3, fig. 1; 4-18, fig. 2-6; 28-30, fig. 10; 190-201, fig. 42-45; 186-189, fig. 41; 262-267, fig. 61-62, respectively.

*DAHLGREN,R.M.T. & H.T.CLIFFORD, *The Monocotyledons. A comparative study.* Acad.Press (1982) xiv + 378 pp., 113 fig. US\$ 98.50.
A very large, multisided survey of the characters in use for classifying monocots. A revised classification by superorders; relations with dicots; model for their ancestry.

DAI,Qi-hui, *A new species of Indocalamus from Guangxi.* Acta Phytotax.Sin. 20 (1982) 494-495, 1 fig.
1 new bamboo.

DARIEV,A.S., B.R.VASSILIEV & S.T.KOLODYAZHNY, *The characters of leaf structure as applied for the systematics of the tribe Hibisceae (Malvaceae).* Bot.J.USSR 67 (1982) 1036-1046, 4 fig., 1 tab.
Correlations of leaf structure characters; critical discussion of system of Hibisceae. The Australian *Gossypium thespesioides* F.v.M. is transferred to *Thespesia*; 1 new variety; 2 new combinations.

DARUS BIN HAJI AHMAD, *Vegetative propagation of Araucaria hunsteinii by cuttings.* Malays.For. 45 (1982) 81-83, 1 tab.
Surprising success in multiplication by cuttings. Coniferae.

DEB,D.B. & M.GANGOPADHYAY, *Some nomenclatural changes in Psychotria (Rubiaceae).* Taxon 31 (1982) 546.
New names for 4 homonyms, one from New Guinea, the others for Asia.

DOCKRILL,A.W. & P.S.LAVARACK, *A new species of Liparis for Australia.* The Orchadian 7 (1982) 76, 1 fig.
L. condyllobulbon Rchb. f. (*L. confusa* J.J.S.); SE.Asia to Fiji.

DRANSFIELD,J. *Corybas dilatatus* (Orch.). Curtis Bot.Mag. n.s. 183 (1981) tab. 836.
From Australia.

----- *A day on the Klingkang Range.* Principes 26 (1982) 19-33, 21 phot.
Meeting palms on border range of Sarawak and NW. Kalimantan.

----- *Clinostigma in New Ireland.* Principes 26 (1982) 73-76, 4 fig.
First Malesian record of this Pacific genus which ranges with c.13 species from Bonin over Micronesia, Solomons, New Hebrides and W. Polynesia.

----- *Pinanga cleistantha*, a new species with hidden flowers. Principes 26 (1982) 126-129, 1 fig.
From Malaya.

----- *Pogonotium moorei*, a new species from Sarawak. Principes 26 (1982) 174-177.
The third species of the genus.

- *Notes on rattans (Palmae: Lepidocaryoideae) occurring in Sabah, Borneo.* Kew Bull. 36 (1982) 783-815, 11 fig.
 Precursor validating new synonymy and new species of *Calamus* and *Daemonorops* for a new foresters' manual of rattans from Sabah. Keys and descriptions to *Calamus* (13 spp.), *Daemonorops* (4), several new species.
- *A reassessment of the genera Plectocomiopsis, Myrialepis and Bejau-dia (Palmae: Lepidocaryoideae).* Kew Bull. 37 (1982) 237-254, 1 fig.
 The third genus reduced to *Myrialepis*; 1 new comb. in *Myrialepis*; *Plectocomiopsis* (5 spp., 1 new). Generic discrimination discussed. Several new synonyms.
- *Kerriodoxa, a new coryphoid palm genus from Thailand.* Principes 27 (1983) 3-11, 6 fig.
- & H.E.MOORE Jr †, *The Martian correlation - two editions of Martius' Historia Naturalis Palmarum compared.* Kew Bull. 37 (1982) 91-116.
 Important tabulation; there are some nomenclatural implications.

DRANSFIELD,S. (not J., as by error on page 3825) *The genus Dinochloa (Gramineae-Bambusoideae) in Sabah.* Kew Bull. 36 (1981) 613-633.

DUKE,J.C.1a, *Revision of Tithonia.* Rhodora 84 (1982) 453-522, 59 fig., 4 tab.

Key to 13 taxa in 11 species; 2 sections; n = 17.

EDGAR,E. & H.E.CONNOR, *Dichelachne (Gramineae) in New Zealand.* New Zeal. J.Bot. 20 (1982) 303-309, 1 fig. (maps).
 5 taxa (2 introduced); key to 5 species (1 new comb.).

EDMONDS,J.M. *Epidermal hair morphology in Solanum L. section Solanum.* Bot.J.Linn.Soc. 85 (1982) 153-167, 28 fig.
 SEM research; many types; some 25 species examined.

ELLIS,J.L. *Nomenclatural notes on Justicia simplex D.Don.* Bull.Bot.Surv. India 22 (1980; publ. 1982) 195-197, 1 tab.
 Key to 3 *Rostellularia*, 2 reduced, incl. *Justicia procumbens* = *R. japonica* (Thunb.) Ellis, comb.nov.

ESSIG,F.B. *A synopsis of the genus Gulubia.* Principes 26 (1982) 159-173, 18 fig.
 Revision; key to 9 species (1 new); E.Malesia and W.Pacific.

FACHRUROZI,Z. *Inventarisasi sumber daya nabati pekarangan di desa Dadap, Bojongkoneng dan Batulawang.* Bul.Kebun Raya 4 (1980) 195-203, 2 tab.
 Inventory of various crop species cultivated in homegardens in 3 villages in West Java.

FANG,Rhui-zheng, *New taxa of Rhododendron from Yunnan.* Acta Bot.Yunnanica 4 (1982) 249-258, 4 fig.; in Chinese.
 2 new species and some infraspecific taxa.

- *FANG,Wen-pei (ed.) *Flora Sichuanica (Spermatophytes)*. Vol. 1. Chengdu Inst.Biol. (1981) 509 pp.; in Chinese. (Not seen). A new Flora, planned in 26 volumes, expected to be published during the present decade. 20 families are included in Vol. 1, in which are also 19 new species and 19 new varieties. Families are numbered and are published when available. Keys are provided.
- *FAO, *Tropical Forest Resources Assessment Project (in the framework of GEMS)* (1981) — Reviewed on page 3939.
- FENG,Kuo-mei, *Some new species and varieties of Malvaceae from China*. Acta Bot.Yunnanica 4 (1982) 27-29.
- FERGUSON,I.K. & R.STRACHAN, *Pollen morphology and taxonomy of the tribe Indigoferae (Leguminosae: Papilionoideae)*. Pollen et Spores 24 (1982) 171-210, 3 fig., 11 pl., 2 tab. 84 Indigofera species described; 4 types and 8 subtypes.
- **Flora of Australia*. Vol. 1, 8, 29 (1981/1982) — Reviewed on page 3941.
- FORMAN,L.L. (668) *Proposal to conserve the generic name 4445 Galearia Zoll. & Mor. (1846) (Pandac.) against Galearia Presl (1832) (Leguminosae)*. Taxon 31 (1982) 565-566.
- (669) *Proposal to conserve the generic name 2568 Pericampylus Miers, 1851 (Menispermaceae) against 2633 Pselium Lour., 1790*. Taxon 31 (1982) 566-567.
- FOSBERG,F.R. *A preliminary conspectus of the genus Leptostigma (Rubiaceae)*. Acta Phytotax.Geobot. 33 (1982) 73-83, 1 fig. Affinities; key to 6 species (5 new comb.); formerly incl. in Netera.
- FRIIS,Ib, *The identity of Urera longifolia and U. oligoloba - a supplement to Chew's monograph of Laportea (Urticaceae)*. Nordic J.Bot. 2 (1982) 231-233, 1 tab. From Madagascar; 2 new comb.
- & W.MARAIS, *Name changes for well-known species of Boehmeria (Urticaceae)*. Kew Bull. 37 (1982) 162-163. B. platyphylla Ham. reduced to B. macrophylla Hornem.; 2 other still earlier names cannot be transferred.
- FU,Guo-ai, *New species of the genus Bambusa from Hainan*. Acta Phytotax. Sin. 20 (1982) 489-491, 2 fig. 1 new species, 1 new variety.
- *FUNDTER,J.M. *Names for dipterocarp timbers and trees from Asia* (1982) — Reviewed on page 3944.
- GARAY,L.A. *A generic revision of the Spiranthinae*. Bot.Mus.Leafl.Harvard Univ. 28 (1980; publ. 1982) 277-425, 55 pl. Key to 44 genera; generic descriptions and index to all species names and their present status. Mostly American, only Spiranthes from Old World.

GELTMAN, D.V. *New sections and subsections of the genus Urtica (Urticaceae)*. Bot.J.USSR 67 (1982) 1413-1416; in Russian.
2 new sections and 2 new subsections.

GHOSH, B. & G.G. MAITY, *Lycium chinense Mill. (Solanaceae) from India*. J. Bomb.Nat.Hist.Soc. 79 (1982) 225-227, 1 fig.
Key to 4 species.

GHOSH, R.B. *Seventh list of Angiosperms not included in the Flora of British India*. Bull.Bot.Soc.Beng. 33 (1979) 87-93.
100 species listed.

GIANNO, R. & K.M. KOCHUMMEN, *Notes on some minor forest products. Malays.* For. 44 (1981) 566-568.

Notes on *Dipterocarpus kerrii* and *Aquilaria malaccensis*.

*GILLISON, A.N. *Note on the conservation of vegetation on Christmas Island, Indian Ocean*. Div. Land Use Research, C.S.I.R.O., P.O.Box 1666, Canberra City (no date) 11 pp.
Establishing nature reserves; effects of mining operations on viability of remaining forest and techniques for re-establishing vegetation on mined-over areas. Brief vegetation sketches.

GIRI, G.S. & R.N. BANERJEE, *A new species of Blepharis Juss. (Acanthaceae) from Tamil Nadu, India*. Blumea 28 (1983) 262-266, 1 fig.
Allied to *B. exigua* from Java.

----- & M.P. NAYAR, *A new Indian record of Ardisia pardalina Mez*. J.Bomb. Nat.Hist.Soc. 78 (1981) 633-634, 1 fig.
Myrsinaceae.

*GRESSITT, J.L. (ed.) *Biogeography and ecology of New Guinea*. Kluwer Acad. Publ., P.O. Box 322, Dordrecht, The Netherlands (1981) 1008 pp., cloth. Dfl. 450.
Contains a chapter on Vegetation and Flora and one on Biogeographical summaries and one on Conservation.

GRIERSON, A.J.C. & D.G. LONG, *Notes relating to the Flora of Bhutan. V. New and noteworthy plants collected in Bhutan in 1979. Notes R.Bot. Gard.Edinb.* 40 (1982) 115-138, 5 fig., 2 tab.
Record listed (5 new species and a number of new comb.); key to *Myricaria*.

GUYMER, G.P. *Australian Sapotaceae. Amorphospermum & Niemeyera*. Austr. Syst.Bot.Soc.Newsletter no 31 (1982) 11-13, 1 fig.
Of the first 1 species, of the second 2 species.

HALLÉ, N. *Orchidées de la Nouvelle-Calédonie: addition 2*. Bull.Mus.Natn. Hist.Nat.Paris 4e sér. 3, sect.B, Adansonia no 4 (1981) 407-413, 2 pl., 1 map.
Micropora (1 sp.), *Saccolobium* (1 new sp.).

HAMASHIMA, S. *Blyxa alternifolia (Miq.) Hartog newly found in Japan*. J. Jap.Bot. 57 (1982) 223-224, 1 fig.

- HANSEN,B. *The Balanophoraceae of the Pacific.* Acta Phytotax. Geobot. 33 (1982) 92-102, 5 fig. (1 map).
Key to 3 genera and in Balanophora 3 species.
- *Notes on the genus Chroesthes (Acanthaceae).* Nordic J.Bot. 3 (1983) 207-211, 2 fig. (1 map).
Key to 3 genera; Chroestes revised, key to 3 species (1 in Malaya; 3 new comb.).
- HANSEN,C. *New species and combinations in Anerincleistus, Driessenia, Oxyspora and Phyllagathis (Melastomataceae) in Sarawak.* Nordic J. Bot. 2 (1982) 557-559, 2 fig.
New species and new combinations in various genera.
- *A revision of Blastus Lour. (Melastomataceae).* Bull.Mus.natn.Hist. nat.Paris 4e sér., 4 (1982) sect.B, Adansonia nos 1-2: 43-77, 13 fig.
SE.-E.Asiatic-Malesian genus; revision; key; descr.; 11 species recognized (1 new), 1 new comb. in Anerincleistus; identif. list.
- *HARA,H. *A revision of the Caprifoliaceae of Japan with references to allied plants in other districts and the Adoxaceae* (1983) —
Reviewed on page 3944.
- *----- , A.O.CHATER & L.H.J.WILLIAMS, *An enumeration of the flowering plants of Nepal.* Vol. 3. Trustees Brit.Mus. (Nat.Hist.) London, Publ. no 854 (1982) 1-226.
The third volume of this important account; no keys; no descr.
- HARRISON,M. *Cultivation based on habitat observation. II. Dendrobium canaliculatum.* The Orchadian 7 (1982) 54-58.
A Queensland and New Guinean orchid; how to cultivate it.
- HARTLEY,T.G. *Two new species of Acronychia (Rutaceae) from New Guinea.* Reinwardtia 10 (1982) 93-96, 1 fig.
Supplementary to his revision of 1974 in J.Arnb.Ar. 55.
- *Maclurodendron: A new genus of Rutaceae from Southeast Asia.* Gard. Bull.Sing. 35 (1982) 1-19, 1 pl., 2 fig. (1 map), 1 tab.
Discrimination of 3 genera: Acronychia, Sarcomelicope and Maclurodendron n.g. Key to 6 species (3 new; 3 new comb.); identification list. Ranges in Peninsular Thailand and West Malesia.
- & L.W.JESSUP, *A name change in the genus Flindersia (Rutaceae).* Brunonia 5 (1982) 109.
The Queensland F. unifoliolata replaced by an older name (new comb. from a Celastraceae).
- HEEL,W.A.van, *Note on the structure of developing seeds of Knema and Horsfieldia (Myristicaceae).* Blumea 28 (1982) 53-60, 13 fig., 3 phot.
Massive development of ovule immediately above insertion of outer integument.

- HEKKING, W.H.A. (681) *Proposal to conserve 5262 Rinorea Aublet (1775) against simultaneously published Conohoria Aublet (1775) (Violaceae).* Taxon 31 (1982) 754-755.
- HENDERSON, R.J.F. *Romnaldia grallata, a new species of the Xanthorrhoeaceae from Queensland.* Kew Bull. 37 (1982) 229-235, 1 fig.
Generic characters differentiating the genus from Lomandra as supposed by Stevens when he described *R. papuana*.
- HENRY, A.N. & M.S. SWAMINATHAN, *A new Homalium from South India (Flacourtiaceae), a 6th of sect. Pierrea.* J.Bomb.Nat.Hist.Soc. 78 (1981) 570-572, 1 fig.
- *HENTY, E.E. (ed.) *Handbooks of the Flora of Papua New Guinea. Vol. II.* Melbourne Univ. Press (1981) ix + 276 pp., 62 fig., 1 map.
An account of 14 families, of which several not yet treated in Flora Malesiana, viz. Bombacaceae, Coriariaceae, Daphniphyllaceae, Elaeocarpaceae (large), Hernandiaceae, Loranthaceae (large).
- HEPIJANTO, A. *Likuala (Licuala spp.). Palem kipas yang mungil.* Bul.Kebun Raya 4 (1980) 183-189, 7 phot.; in Indonesian.
6 species of Licuala in Bogor Botanic Garden.
- *HEPPER, F.N. (ed.) *Royal Botanic Gardens, Kew. Gardens for science & pleasure.* H.M. Stationery Office, London (1982) vii + 195 pp., many illus. Bound £ 10 + postage. Available from Royal Botanic Gardens, Kew, Surrey TW9 3AB, England.
Full coverage, by 16 authors, of historical and modern aspects of the whole institution including its latest line: plant conservation and its worldwide significance. Ample attention is given to Wakehurst, acquired in the 1960's, a historical garden 51 km to the south, with a milder climate on better soil. Throughout, the plants speak for themselves. Well-balanced, in splendid execution.
- HEWSON, H.J. *The genus Lepidium L. (Brassicaceae) in New Guinea.* Brunonia 5 (1982) 73-78, 2 fig.
Reduction of the genus Papuzilla to Lepidium; 3 species (1 new); differentiating characters seem feeble and only vegetative.
- *The genus Lepidium L. (Brassicaceae) in Australia.* Brunonia 4 (1981) 217-308, 25 fig. & maps.
Revision and key to 43 species.
- HICKS, J. *A visit to Christmas Island National Park.* Habitat 10, no 6 (1982) 15-19, col.phot.
Popular account of habitat, flora and fauna.
- HIDAJAT, E. *Melati kostia (Brunfelsia uniflora (Pohl) D.Don).* Bul.Kebun Raya 4 (1980) 191-193, 1 fig.; in Indonesian.
- HIEPKO, P. *A revision of Opiliaceae II. Opilia Roxb.* Willdenowia 12 (1982) 161-182, 6 fig. & maps.
Key to 2 species (1 in Africa, 1 in Old World); identification list.

- HILL, S.R. *A monograph of Malvastrum. II. Taxonomic treatment.* Rhodora 84 (1982) 159-264, 59 fig. & maps.
Revision; key to 13 species.
- HIROE, M. *Piper of Asia and New Guinea.* Hikobia Suppl. 1 (1981) 235-237.
7 species recorded (2 new, 1 from Taiwan, 1 from New Guinea).
- *HO, Feng-chi, *Tropical plants in color. III.* (1982) 358 pp., many col. photogr. — The first two volumes were reviewed on page 3447.
There are 3 new comb. in Euphorbiaceae, one of which is superfluous (under Poinsettia). Unfortunately there are a few errors: p.141 left upper phot. is Bruguiera gymnorhiza; p.143 is Rhizophora mucronata; p.314 is Campsis radicans; p.319 left upper is not Radermachera sinica.—v.St.
- HOCH, P.C. & P.H. RAVEN, *Onagraceae.* Flora of Pakistan no 139 (Nov. 1981) 1-44, 5 fig.
3 genera native.
- *HODD, T. & P. HODD, *Grasses of Western India* (1982) — Reviewed on page 3946.
- HODEL, D. *Cultivated palms in Tahiti and the Jardin Botanique de Papeari.* Principes 26 (1982) 77-85, 9 fig.
About 3 dozen species listed.
- HOLDEN, A.M. *Fossil Nothofagus from the Longford Formation, Murchison, New Zealand.* J.Roy.Soc.New Zeal. 12 (1982) 65-77, 4 fig.
4 upper Miocene species (3 new, 1 new comb. from Fagus).
- HOLMES, W.C. *Revision of the Old World Mikania (Compositae).* Bot.Jahrb. 103 (1982) 211-246, 15 fig. & maps.
9 species (2 in Malesia); key; M. micrantha in a new record for Java.
- *HOLZNER, W., M.J.A. WERGER & I. IKUSIMA (eds.) *Man's impact on vegetation* (1983) — Reviewed on page 3946.
- HOO, Gin & Chang-jiang TSENG, *A new classification scheme for the family Araliaceae.* Acta Phytotax.Sin. 20 (1982) 125-130; in Chinese, with English summary.
5 tribes distinguished.
- HOOGLAND, R.D. *Studies in the Cunoniaceae. III. Additional notes on Ceratopetalum and Acrophyllum.* Brunonia 4 (1981) 213-216, 1 fig.
Calycomis reduced to Acrophyllum (new comb.); n.sp. of Ceratopetalum from Queensland.
- HOPKINS, H.C. *Taxonomy and reproductive biology of, and evolution in, the bat-pollinated genus Parkia.* Intern.Group Study Mimosoideae, Bull. no 10 (1982) 44-46.
Some species also visited by birds and a wide variety of insects.

- HOTTA,M. *On the differentiation of subtribes Homalomeninae and Schismatoglottidinae (Araceae) in Malesia.* Acta Phytotax.Geobot. 33 (1982) 127-139, 7 fig., 1 tab.; in Japanese.
- HOU,Ding, *Florae Malesianae Praecursores LXIII. New species of Malesian Aristolochiaceae.* Blumea 28 (1983) 343-352, 6 fig. 4 new species of Aristolochia from Borneo, 1 new Thottea from Sumatra.
- HOUSE,A.P.N. *The use of palms by man on Siberut Island, Indonesia.* Principes 27 (1983) 12-17, 3 fig., 2 tab. 28 species listed.
- *HOW,Foon-chew (ed.) *A dictionary of the families and genera of Chinese seed plants.* 2nd Ed., revised by Te-lin Wu, Wan-cheung Ko, Te-choa Chen et al. South China Institute of Botany, Academia Sinica. Science Press Canton (1982) 632 pp.; in Chinese. Alphabetic enumeration of genera (old names with cross-references) followed by an alphabetic name list of gymnosperms, dicots and monocots with the number of species in each genus. A welcome catalogue.
- HSIA,Kuang-cheng & Xue-ming LIU, *A new species of Chinese medicinal plants, Uncaria yunnanensis.* Acta Phytotax.Sin. 20 (1982) 319-320, 1 fig.
- HSUE,Hsiang-hao, *A review of the genus Uncaria in China.* J.South China Agric.Coll. 2 (1981) 21-32; in Chinese. Key to 10 species; no novelties; following Ridsdale's monograph; no novelties.
- *A further discussion of the northern boundary of the central subtropical evergreen broadleaved forest zone in Jiangsu Province.* Acta Phytoecol. et Geobot.Sin. 6 (1982) 74-77, 1 map. The demarcation line is drawn from Yang-Chiang on the coast toward the West running at c. 22° N, north of the Luichow Peninsula (N of Hainan).
- & Wu HEN, *A review of the subtribe Adineae in China.* J.South China Agricult.Coll. 2 (1981, ed. 1982) 29-42; in Chinese. 6 genera; account of the species and their synonymy; keys to species; following generic distinction as proposed by Ridsdale. No novelties.
- HUNT,D.R. *Rhododendron goodenoughii (Eric.).* Curtis Bot.Mag. n.s. 183 (1981) tab. 826. From New Guinea.
- & C.KING, *Passiflora herbertiana (Passifl.).* Curtis Bot.Mag. n.s. 183 (1981) tab. 829. From East Australia.
- HUQ,A.M. *Salicaceae.* Flora of Bangladesh no 20 (June 1982) 3 pp., 1 fig.

- HYLAND, B.P.M. & M.J.E.COODE, *A second species for the Australian genus Peripentadenia (Elaeocarpaceae)*. Kew Bull. 36 (1982) 741-745, 2 fig.
- IMELDA, M. *Jumlah kromosom beberapa jenis Vanda Indonesia*. Berita Biologi 2 (6) (1981) 116.
- *Keanekaragaman bunga Coelogyne speciosa*. Berita Biologi 2 (6) (1981) 121-122.
- & J.HANSON, *Propinsi Maluku: Potensi sumber daya nabatinya di pulau-pulau Sula, Seram dan Ambon*. Alam Kita 8 (1981) 43-51.
- Indonesian Forestry Abstracts. Dutch literature until about 1960* (1982)
— Reviewed on page 3947.
- ISI, Zhan-huo, *Two new species of Orchidaceae from China*. Acta Bot.Yunnanica 4 (1982) 267-270, 1 fig.; in Chinese.
Of Gastrochilus and Hygrochilus.
- * JACOBS, M. & T.J.J.de BOO, *Conservation literature on Indonesia. Selected annotated bibliography*. Rijksherbarium, Leiden (1982) xi - 274 pp. Large 8°. Dfl. 35, US\$ 17.
An alphabetical list with fairly large comments, indispensable for anyone interested in nature conservation; with many indexes to facilitate consultation. See review on page 3738.
- JACOBS, S.W.L. *Comment on proposal 520: Conservation of Notodanthonia Zотов (Gramineae)*. Taxon 31 (1982) 737-739.
Against the proposal; favours reinstatement of Monostachya (3 new comb.); one species is transferred to Chionochloa (with new comb.).
- & M.BROCK, *A revision of the genus Ruppia (Potamogetonaceae) in Australia*. Aquatic Botany 14 (1982) 325-337, 2 maps, 1 tab.
Key to 4 species.
- * ----- & J.PICKARD, *Plants of New South Wales. A census of the Cycads, Conifers and Angiosperms*. D.West, Govt.Printer, Sydney (1981) 226 pp.; large 8°. Roy.Bot.Gard., New South Wales.
List of plant names (synonyms mentioned) and their distribution tabulated in 16 columns; introduced plants included.
- * JACOBSEN, N. *Cryptocorynen*. Kernen Verlag, Stuttgart (1982) 112 pp., col. & black-white illus.
Edition in German language of the excellent work of the author in Danish: Cryptocoryner (1979). Mainly intended for aquarists, but also of distinct importance for students of Araceae.
- *Cryptocoryne from Borneo*. Meded.W.A.P. Wageningen 3 (1982) 61-67, mimeographed.
Preliminary, short version of a larger paper on the subject; descr. of history, habitats; chromosome numbers; notes and key for 9 spp.
- * JAFARSIDIK, Y.S. *Floristic inventory of Pleihari-Martapura Game Reserve, S.Kalimantan*. Lemb.Penel.Hutan, Bogor Lapor. no 344 (1980) 26 pp. mimeogr.; in Indonesian. — 164 species of trees and shrubs listed.

JEFFREY,C. *Further notes on Cucurbitaceae. VI. Cucurbitaceae of the Indian Subcontinent: Corrigenda and Addenda.* Kew Bull. 36 (1982) 737-740.

Some new generic synonyms; various minor corrections.

JÉRÉMIE,J. *Introduction aux Monimiacees. Monimiaceae. Amborellaceae.*

Atherospermataceae. Trimeniaceae. Chloranthaceae. Fl.Nouvelle-Calédonie et Dépend. 11 (1982) 125-126; 127-155, 33 fig. & maps; 157-160, 2 fig. & map; 161-164, 2 fig. & map; 165-169, 2 fig. & map; 171-179, 4 fig. & maps.

*JESSOP,J.P. (ed.) *Flora of Central Australia.* Reed Pty.Ltd., Aquatic Drive, Frenchs Forest, Sydney, N.S.W. 2086 (1981) 537 pp., 648 fig., map, 18 col.phot. \$35.

An excellent Flora incl. Pteridophytes, Gymnosperms & Angiosperms, with full keys to taxa, abundantly illustrated, of some 2000 spp. of the arid zone of the continent. Descr. of genera and spp. Distr. & ecol. concise but clear. Editorial committee of 5 and c. 80 contributors. 126 families represented, the largest being Compos., Gram., Legum., Chenopod., Myrtac. There is a detailed general chapter on the history of exploration by J.H.Willis and an excellent exposé of the vegetation by J.S.Beard. Though only few species are shared with Malesia, this book should be included in this bibliography.

JIN,Eong-ong, *Mangroves and aquaculture in Malaysia.* Ambio 11 (1982) 252-257, 6 fig.

Size and management in Peninsular Malaysia and Sarawak; conversion to aquaculture fish ponds.

JOHNSON,L.A.S. *Notes on Casuarinaceae. II.* J.Adelaide Bot.Gard. 6 (1982) 73-87, 3 fig.

Allocasuarina n.g. split from *Casuarina* s.s.; 40 new comb., 2 n.sp. in *Casuarina* s.s. from New Guinea. In *Gymnostoma* 11 new comb. The new genus differs from *Casuarina* in having incrassate bracteoles in fruit and dark, brown to blackish seed; not in Malesia.

JUDD,W.S. *A taxonomic revision of Pieris (Ericaceae).* J.Arnb.Arnb. 63 (1982) 103-144, 8 fig., 5 maps, 2 tab.

7 species keyed out; range SE.& E.Asia, N.America; not in Malesia.

KAK,A.Majeed & G.N.JAVEID, *A revision of the genus Callitricha L. in the northwestern Himalayas.* J.Bomb.Nat.Hist.Soc. 79 (1982) 167-172, 2 fig.

Key to 5 species (one new).

----- & ----- *Two new aquatic plant species from Kashmir Himalayas.* J. Bomb.Nat.Hist.Soc. 79 (1982) 172-175, 2 fig.
1 n.sp. of *Scirpus* and *Bidens*.

*KALSHOVEN,L.G.E. *The pests of crops in Indonesia. Rev. ed. and translation by Dr. P.A. van der Laan.* Ichtiar Baru-van Hoeve, Jakarta (1981) 701 pp., 493 fig. Dfl. 160.

KANIS,A. *Chenopodiaceae*. In: E.E.Henty, Handbooks of the Flora of Papua New Guinea. Vol. II. Melbourne Univ.Press (1981) 19-27, fig. 7-9.

*KARSTENS,W.K.H. & H.KLEIBRINK, *De Leidse Hortus. Een botanische erfenis*. Uitg.Waanders, Zwolle (1982) 188 pp., many phot.; text in Dutch, captions also in English. Clothbound, 4°. Dfl. 57.50 excl. postage. A magnificent 'monograph' on the Botanic Garden of Leiden University, one of the oldest in Europe (from 1587) to which such famous names as Boerhaave, Clusius, Van Royen etc. are attached as former directors. Prof. Karstens has succeeded in giving a lively, most informative historical account in which new data from dusty archives are unearthed and revealed in a very readable text. A special chapter is devoted to the Clusius garden, which is still maintained in the original style and assortment. Another chapter is devoted to an excursion through the garden, in which still specimens are grown from old time, amongst them first imports from Japan by Von Siebold. The photographs, mostly in colour, by Kleibrink, are beyond praise. Warm congratulations to both authors with the magnificent result.

KARTAWINATA,K. *The classification and utilization of forest in Indonesia*. BioIndonesia 7 (1980) 95-106.

- *Chydenanthus Miers (Lecythidaceae)*. Reinwardtia 10 (1982) 27-34, 2 fig., 1 map.
Accepted as a monotypic genus; new descr. and full details. C.dentato-serratus removed to Barringtonia.
- *The environmental consequences of tree removal from the forest in Indonesia*. Studies Third World Soc. no 13 (ed. Dept.Anthrop., Coll. of William & Mary, Williamsburg, Virg. 23185, USA) (1981) 191-214. Discussion of logging; damage to residual trees and soils, and erosion increase. Better control, improved logging techniques and research are needed.
- , R.ABDULHADI & T.PARTOMIHARDJO, *Composition and structure of a lowland dipterocarp forest at Wanariset, East Kalimantan*. Malays. For. 44 (1981) 397-418.
- , S.ADISOEMARTO, S.RISWAN & A.P.VAYDA, *The impact of man on a tropical forest in Indonesia*. Ambio 10 (1981) 115-119.
- , S.RISWAN & H.SOEDJITO, *The floristic change after disturbances in lowland dipterocarps forest in East Kalimantan, Indonesia*. In: J.I.Furtado (ed.), Tropical ecology and development. Proc.5th Int.Symp.Trop.Ecol, Kuala Lumpur (1980) 47-54.
- KARTHIKEYAN,S. & A.KUMAR, *Record of Plantago afra Linn. (Plantaginaceae) from Maharashtra*. J.Bomb.Nat.Hist.Soc. 79 (1982) 228-230.
- , M.P.NAYAR & R.Sundra RAGHAVAN, *A catalogue of species added to Cooke's Flora of the Presidency of Bombay during 1908-1978*. Rec. Bot.Surv.India 21 (1981) 153-205.

- *KEAST,A. (ed.) *Ecological biogeography of Australia* (1981) — Reviewed on page 3950.
- KEIGHERY,G.J. *Facultative cleistogamy in Murdannia nudiflora (Commelinaceae)*. Flora 172 (1982) 327-328, 1 fig.
- KENG,Hsuan, *Annotated list of seed plants of Singapore. VII. Gard.Bull. Sing.* 35 (1982) 83-103.
Families 94. Aquifoliaceae to 110. Umbelliferae. Within families keys to genera.
- KENG,P.C. *The Latin descriptions supplemented to the new taxa of Yunnan grasses*. Acta Bot.Yunnanica 4 (1982) 273-278; in Chinese.
New species and varieties in Poa, Glyceria, Festuca, Brachypodium.
- *Ditto (cont.)*. Acta Bot.Yunnanica 4 (1982) 347-352.
Bromus (3 n.spp.), Eulalia (1 n.sp.), several infraspecific taxa.
- KIEW,Kam Yee †, *The genus Elettariopsis (Zingiberaceae) in Malaya*. Notes R.Bot.Gard.Edinb. 40 (1982) 139-152, 5 fig.
5 species keyed out (2 new).
- KIEW,Ruth, *The Klang Gates Ridge*. Malayan Natur. 36 (1982) 22-28, 7 fig.
Description of the unique Klang Gates quartz ridges flora; checklist; endemics listed; ways of access.
- *Observations on leaf color, epiphyll cover, and damage on Malayan Iguanura wallichiana*. Principes 26 (1982) 200-204, 3 fig., 1 tab.
Observations on increase in 15 months.
- & Che-su IBRAHIM, *Comparative study of leaf anatomy of Malaysian species of Chionanthus and Olea with special reference to foliar sclereids*. Bot.J.Linn.Soc. 84 (1982) 79-101, 21 fig.
15 spp. of Chionanthus and 3 spp. of Olea studied; anatomy does not support subdivision of Chionanthus; discussion of scales in the genera; in India the greatest range in variation; important discussion for generic distinction.
- KIMURA,K. & H.MIGO, *A new species of Ophiopogon from China*. J.Jap.Bot. 57 (1982) 313-316, 1 fig., 1 tab. — Liliaceae.
- KITAMURA,S. *Compositae Asiaticae*. Acta Phytotax.Geobot. 33 (1982) 190-200; partly in Japanese.
Various notes and records; 2 new comb., 1 new name.
- KIU,Hua-shing, *Lasiococca Hook.f. (Euphorbiaceae) in China*. Acta Phytotax. Sin. 20 (1982) 108-110, 1 fig.
Record of L. comberi new var.
- KOBAYASHI,S. *A taxonomical note on Pittosporum tobira and its allied species*. J.Jap.Bot. 57 (1982) 70-80, 4 fig. (maps).
Key to 3 varieties.

- *KOCHEMEN, K.M. *Effects of elevation on vegetation on Gunung Jerai, Kedah.* For.Res.Inst.Kepong, Research Pamphl. 87 (1982) 124 pp., 13 fig. Kedah Peak (1200 m) in Malaya, 10 km from the NW. coast, with 357 cm of rain, included in a State Park. Between 150 and 1140 m, in 11 plots totalling 14,800 m², 1148 trees 10 cm or thicker were measured and named, 192 spp. in 120 genera in 52 families. Numbers and dominance differ with altitude. Below 750 m there is much *Shorea curtisii*, higher up Myrtaceae abound. Many tables are given, no profiles.—M. Jacobs.
- KOL, E. & J.A. PETERSON, *Cryobiology*. In: G.S. Hope et al., *The equatorial glaciers of New Guinea*. A.A.Balkema, Rotterdam (1976) 81-91.
- KOSTERMANS, A.J.G.H. *Stemonoporus Thw. (Dipterocarpaceae): a monograph (part 1)*. Bull.Mus.Natn.Hist.Nat.Paris 4e sér., 3; sect.B, Adansonia no 3 (1981) 321-358, 13 pl. 26 species; key (3 new).
- *Ditto (part 2)*. Ibid. 373-405, 27 pl. identification list.
- *Eugenia, Syzygium and Cleistocalyx (Myrtaceae) in Ceylon. A monographical revision*. Quart.J.Taiwan Mus. 34 (1981) 117-188, 5 fig. A full treatment: Eugenia (22 spp.), Syzygium (31), Cleistocalyx (1); 10 new species; descr.; identification list.
- *Notes on Ceylonese plants. II*. Acta Bot.Neerl. 31 (1982) 121-132. Comments on several species; n.spp. in Semecarpus (Anac.), Calophyllum (2, Gutt.), Diospyros (Eben.), Nothapodytes (Icac.), and Aglaia (Meliac.).
- *A new Amoora from India (Meliaceae)*. Acta Bot.Neerl. 31 (1982) 133.
- *The genus Dysoxylum (Meliaceae) in Ceylon*. Acta Bot.Neerl. 31 (1982) 321-326. 3 endemic species in Ceylon; key; 2 new species; 1 new comb.
- *The genus Carallia (Rhizophoraceae) in Ceylon*. Acta Bot.Neerl. 31 (1982) 327-329. Key to 4 species (2 new); 1 reduced, 1 reinstated.
- *Discussion of the names published in Blume's letter to Nees von Esenbeck in Flora 7 (1824) and notes on Spondias L. (Anacardiaceae)*. Acta Bot.Neerl. 31 (1982) 331-333. Various notes on Spondias and odd notes on a number of names. A new comb. in Phytocene (Icac.).
- *The genus Cynometra (Leguminosae) in Ceylon*. Reinwardtia 10 (1982) 63-68. 3 species (one new); key.
- *The genus Vatica L. (Dipterocarpaceae) in Ceylon*. Reinwardtia 10 (1982) 69-79, 3 fig. Key to 4 species (one new).

- *The genus Mastixia Bl. (Cornaceae) in Ceylon.* Reinwardtia 10 (1982) 81-92.
Key to 5 species (3 new).
- *Note on the fossil Garcinia laddii Fosberg.* Pacif.Sc. 36 (1982) 127. A fruit, described in Pacif.Sc. 31 (1977) 297 under the above name, is renamed *Diospyros laddii* (Ebenac.); unclear whether Kostermans saw it himself.
- KOYAMA, H., N. FUKUOKA & H. OHBA, *Contributions towards the plant taxonomy and distribution in the Himalayan elements (2).* J.Jap.Bot. 57 (1982) 47-55, 2 maps, 1 tab.
Varieties in *Elephantopus scaber* (Comp.) from Indo-Malesia; range of *Hedyotis scandens* (Rub.) and *H. capitellata* (West Malesia).
- KRIKORIAN, A.D. *Coconut "stones" or "pearls": early descriptions by Alzina, Kamel and Rumphius.* Principes 26 (1982) 107-121, 2 fig.
Historical survey.
- KRUKOFF, B.A. *Notes on the species of Erythrina.* XVII. Phytologia 50 (1982) 112-129.
Records and remarks of species.
- *Notes on the species of Erythrina.* XVIII. Allertonia 3 (1982) 121-138.
Brief descriptions and notes.
- LANG, Kai-yung, *Seven new species of Orchidaceae from Emei Shan, Sichuan.* Acta Phytotax.Sin. 20 (1982) 182-189, 7 fig.
6 genera concerned.
- & Zheng-yin ZHU, *New taxa of the genus Aspidistra (Liliaceae) from Sichuan.* Acta Phytotax.Sin. 20 (1982) 485-488, 2 fig.
3 new species.
- LARSEN, K. & S.S. LARSEN, *Bauhinia brachycarpa, a Chinese species new to Laos.* Bull.Mus.Natn.Hist.Nat.Paris 4e sér. 3, sect.B, Adansonia no 4 (1981) 425-431, 2 fig.
1 species with 3 varieties.
- & ----- *Notes on some Asian Bauhinia.* Nordic J.Bot. 2 (1982) 329-332, 3 fig.
3 species treated, one new from Malaya, from limestone.
- LATIFF, A. *Studies in Malesian Vitaceae. VI. The Malay Peninsula species of Cissus L.* Malay.Nat.J. 35 (1982) 197-207, 2 fig.
Morphological introduction; key and descr. of 8 spp. (none new).
- *Notes on the vegetation and flora of Pulau Pemanggil.* Malay.Nat. 35 35 (1982) 217-223, 1 map, 2 pl.
Off S. Malaya; brief sketch.
- LAUBENFELS, D.J.de, *Coniferae (and Taxaceae).* Ident.Lists Males.Specim. no 61 (Sept. 1982) 1133-1160.
Ident. list of 79 species to be treated in Flora Malesiana.

- LAUENER, L.A. Catalogue of the names published by Hector Léveillé. XIV. Notes R.Bot.Gard.Edinb. 40 (1982) 157-203. Families evaluated: Lab., Plant., Nyct., Amaran., Chenop., Phytol., Polygon., 7 new infraspecific combinations.
- Catalogue of the names published by Hector Léveillé. XV. Notes R. Bot.Gard.Edinb. 40 (1982) 345-358. Reductions in various families; includes also some species from the Hawaiian Islands.
- LAVARACK, P.S. & N.H.S. HOWCROFT, *Vanda hindsii* Lindley in New Guinea and Australia. The Orchadian 7 (1982) 100-102, 3 fig., 1 tab. 2 reductions of this species which grows in New Guinea and Cape York Peninsula.
- LAW, Yuh-wu & Young-fen WU, A preliminary study on Sabiaceae of China. Acta Phytotax.Sin. 20 (1982) 421-438, 2 pl., 2 tab. 2 new subfamilies, 12 taxa in Sabia, 4 in Meliosma.
- LEE Chew Kang, The ringworm shrub. Nature Malaysiana 6, no 4 (1981) 24-25, col.illus. Pollination and other details of *Cassia alata* (Caesalp.).
- LEENHOUTS, P.W. Notes on the extra-Australian species of *Dodonaea* (Sapindaceae). Blumea 28 (1983) 271-289, 1 fig. Apart from *D. viscosa* (pantrop.) there are *D. angustifolia* (pan-trop. & subtrop.), *D. elaeagnoides* (Carib.), *D. polyandra* (Queensland & S. New Guinea) and *D. madagascariensis*; the latter with compound leaves, and directly allied to Australian species.
- A taxonomic revision of *Xerospermum* (Sapindaceae). Blumea 28 (1983) 389-401, 2 fig. Finally only 2 species are distinguished; heavy reduction in epithets.
- & M. VENTE, A taxonomic revision of *Harpullia* (Sapindaceae). Blumea 28 (1982) 1-51, 2 fig. Monograph; 26 species (5 new, 1 unnamed) keyed out; also local keys; identification list.
- * LEIGH, J., J. BRIGGS & W. HARTLEY, Rare or threatened Australian plants. Parks & Wildlife Service, Canberra (1981) 178 pp., 20 fig. Contains lists of endemic angiosperms and ferns for Lord Howe I., 69 spp., Norfolk and Philip I., 49 spp., Christmas I., Indian Ocean, part of Malesia, 21 spp. Large reserves have been mapped.
- LEROUX, J.-F. Les Cafiers du genre *Psilanthus* (Rubiaceae) en Afrique orientale et en Asie et îles du Pacifique. Bull.Mus.Natn.Hist.Nat. Paris 4e sér., 3, sect.B, *Adansonia* no 3 (1981) 251-258, 3 pl. Several transfers from *Coffea* to *Psilanthus*.
- LI, Bing-gui, A new species of *Gleditsia* from Hunan. Acta Bot.Yunnanica 4 (1982) 169-170, 1 fig.; in Chinese. — Legum.

- * LI, Hsi-wen, Lauraceae. Fl. Reipubl. Pop. Sinicae 31 (1982) 1-463, 123 fig.; in Chinese.
20 genera and 422 species.
- Two new genera and one little known genus of Gesneraceae from Yunnan. Acta Bot. Yunnanica 4 (1982) 241-247, 3 fig.
- LI, Ping-t'ao, New names for three species of Euphorbiaceae. Acta Phytotax. Sin. 20 (1982) 117.
Homonyms; 2 Glochidions and Bridelia airy-shawii nom. nov. (B. retusa (L.) Spreng., non A. Juss.).
- A study on the genus Buddleja L. of China. Acta Bot. Yunnanica 4 (1982) 227-240, 2 fig.; in Chinese.
Logan. 28 species discussed (none new).
- & Yan-hui LI, A new species of Marsdenia (Asclepiadaceae) from Yunnan. Acta Bot. Yunnanica 4 (1982) 157-159, 1 fig.; in Chinese.
- LI, Ya-rü, Hernandiaceae. Fl. Reipubl. Pop. Sinicae 31 (1982) 463-480, 5 fig.
14 species in Illigera, 1 in Hernandia.
- LIM-HO, Chee Len, Tissue culture of Curculigo latifolia Dry. ex W.T. Ait. (Hypoxidaceae). Gard. Bull. Sing. 34 (1981; publ. 1982) 203-208, 5 fig., 2 tab.
- LING, Ping-ping & Chih-tsun TING, Two new species of Taccaceae from China. Acta Phytotax. Sin. 20 (1982) 202-204, 2 fig.
1 Tacca (allied to T. chandrieri), 1 Schizocapsa.
- LOBREAU-CALLEN, D. Structures et affinités polliniques des Cardiopterygaceae, Dipentodontaceae, Erythropalaceae et Octoknemataceae. Bot. Jahrb. 103 (1982) 371-412, 9 fig.
Palynologically Cardiopterygaceae belong to Polemoniales, Erythropalaceae to Santalaceae.
- LU, An-ming, Material for the genus Hemsleya Cogn. Acta Phytotax. Sin. 20 (1982) 87-90, 2 fig.
Cucurb. 3 species listed (one new).
- LUCAS, S.A. & W.L. THEOBALD, Observations of flowering behavior in selected species of Erythrina in cultivation in Hawaii. Allertonia 3 (1982) 85-119, 32 fig. (many in col.), 1 tab.
- MA, Chi-yun, New taxa of the genus Sophora from China. Acta Phytotax. Sin. 20 (1982) 465-473.
Legum. 14 taxa (some n.spp. and vars.).
- MABBERLEY, D.J. William Roxburgh's botanical description of a new species of Swietenia (mahogany) and other overlooked binomials in 36 vascular plant families. Taxon 31 (1982) 65-73.
Relevant for Flora Malesiana are Hymenodictyon orientale (Roxb.) Mabb. (for H. excelsum), Rubiac.; Hydrostemma replacing Barclaya Wall., with 2 new combinations.

- MADULID,D.A. *A monograph of Plectocomia (Palmae-Lepid.).* Kalikasan, Philip.J.Biol. 10 (1981) 1-94.
Monograph; extract from a thesis (Reading); full chapters on morphology, anatomy, phytochemistry, palynology, geography, ecology; key to 16 species (4 new, and a new section).
- MALHOTRA,S.K. & S.MOORTHY, *Occurrence of Crotalaria acicularis in Karnataka and Maharashtra.* J.Bomb.Nat.Hist.Soc. 78 (1981) 637-639, 1 fig. — Legum.
- MALICK,K.C. & B.SAFUI, *A review of the androecium in Sterculiaceae with a key to the genera.* Bull.Bot.Surv.India 22 (1980; publ. 1982) 213-216, 1 pl.
Key to 16 genera.
- MANOKARAN,N. *Clustering in Rotan manau (Calamus manan).* Malays.For. 44 (1981) 557-560, 3 fig.
Observations on this commercial cane.
- MARAIS,W. *Notes on Urticaceae of the Mascarene Islands.* Kew Bull. 37 (1982) 273-275.
1 new species of Droguetia; 4 new Pilea.
- MAXWELL,J.F. *New or interesting records from Singapore.* Gard.Bull.Sing. 35 (1982) 191-198, 7 fig.
----- *Taxonomic and nomenclatural notes on Oxyspora, Anerincleistus, Poikilogyne, and Allemorphoa (Melastomataceae).* Gard.Bull.Sing. 35 (1982) 209-226, 5 fig., 6 pl.
Many new species and combinations in these genera; also reductions.
- MAY,B. & P.MOMAL, *Forest for food* (1981) — Reviewed on page 3952.
- MAYO,S., E.WIDJAJA & P.GIBBON, *Amorphophallus lambii (Araceae).* Curtis Bot.Mag. n.s. 184 (1982) tab. 852, pp. 61-64, 1 col.fig.
A new species from Sabah said to be allied to A. titanum (which I doubt). — v.St.
- McMILLAN,C., K.W.BRIDGES, R.L.KOCK & M.FALANRUW, *Fruit and seedlings of Cymodocea rotundata in Yap, Micronesia (Hydrocharitaceae).* Aquatic Botany 14 (1982) 99-105, 4 fig.
- McPHERSON,G., Ph.MORAT & J.M.VEILLON, *Existence d'une deuxième espèce appartenant au genre Oncotheca endémique de la Nouvelle-Calédonie et nouvelles données concernant les Oncothécacées.* Bull.Mus.Natn. Hist.Nat.Paris 4e sér., 3, sect.B, Adansonia no 3 (1981) 305-311.
- MEIJER,W. *Ich sah Rafflesia.* Kosmos Heft 5 (1982) 60-63, 6 fig. (partly in col.); in German.
General observations; conservation desirable.
- MELIM,A. *The production of seed by Taro, Colocasia esculenta (Araceae).* Aroideana 4 (1981) 116-117, 1 fig.
Reproduction technique.

MELVILLE, R. *The biogeography of Nothofagus and Trigonobalanus and the origin of the Fagaceae.* Bot.J.Linn.Soc. 85 (1982) 75-88, 3 fig.
Very speculative theory about very ancient Central Pacific origin of Nothofagus and Trigonobalanus.

MISRA, Sarat, *Additions to the Orchidaceous flora of Orissa.* Bull.Bot. Surv. India 22 (1980; publ. 1982) 147-156.
56 species recorded.

*MITCHELL, A.W. *Reaching the rain forest roof. A handbook on techniques of access and study in the canopy.* (1982) 36 pp., 18 fig. Paper £2.50. Contact Dr. S.L.Sutton, Zoology, Univ. of Leeds LS2 9JT, England. Towers, climbing gear, ladders, platforms, rope webs and aerial walkways, hot air balloons, with description, drawings, and cost estimate. Nice execution.—M.Jacobs.

MOGEA, J.P. *Salacca zalacca, the correct name for the salak palm.* Principes 26 (1982) 70-72.

MOHANAN, M., A.N.HENRY & N.C.NAIR, *Notes on three rare and interesting orchids collected from Trivandrum District, Kerala.* J.Bomb.Nat. Hist.Soc. 79 (1982) 234-236.
1 species of Aphyllorchis and Eulophia respectively.

MOLDENKE, H.N. *Additional notes on the genus Geunsia. I-IV.* Phytologia 50 (1982) 143-152, 216-226, 292-296, 360-378. — Verben.

----- *Notes on the genus Glossocarya (Verbenaceae).* Phytologia 50 (1982) 413-432.

Revision; key to 10 spp. and 2 vars. The range of this genus of climbers ranges from Ceylon to Australia, but is in Malesia only represented from Malaya and New Guinea.

----- *Notes on the genus Hymenopyramis (Verbenaceae).* Phytologia 50 (1982) 432-446.

4 species keyed out; all from Indochinese Peninsula.

----- *Additional materials towards a monograph of the genus Callicarpa. XXIX.* Phytologia 50 (1982) 470-500.
Verben. Notes and bibliographical data.

----- *Ditto. XXXI.* Phytologia 51 (1982) 204-211.

----- *Additional notes on the genus Vitex. XXXIV.* Phytologia 51 (1982) 246-290. — Verben.

----- *Notes on the genus Faradaya (Verbenaceae).* Phytologia 51 (1982) 384-400.

----- *Additional notes on the genus Faradaya (Verbenaceae). I.* Phytologia 52 (1982) 20-45.

----- *Additional notes on the genus Congea. III.* Phytologia 52 (1982) 45-48. — Verben.

- MOORE Jr,H.E., R.H.PHILLIPS & S.VODONAIVALU, *Additions to the Palms of Fiji.* Principes 26 (1982) 122-125, 1 fig.
Allsmithia H.E.Moore, n.g. n.sp.
- & N.W.UHL, *Major trends of evolution in palms.* The Bot. Review 48 (1982) 1-69, 8 fig., 30 tab.
 Overview on structural aspects, vegetative, flower and reproduction.
- MORLEY,R.J. *Fossil pollen attributable to Alangium Lamarch (Alangiaceae) from the Tertiary of Malesia.* Rev.Palaeobot.Palynol. 36 (1982) 65-94, 6 fig.
 8 fossil pollen types in Malesia from Tertiary; fossil record is reviewed; there are 4 evolutionary trends; Alangium was obviously a megatherm genus evolving in SE.Asia, at early stage separating into a tropical and a subtropical-temperate lineage; now on the temperate northern hemisphere largely extinct.
- *A palaeoecological interpretation of a 10,000 year pollen record from Danau Padang, Central Sumatra, Indonesia.* J.Biogeography 9 (1982) 151-190, 14 fig., 3 tab., 1 appendix.
 Stratigraphical description of 16 m thick lake deposits at c. 950 m altitude. Major swamp trees Elaeocarpus, Myrsine and Ilex cymosa; at 4000 BP human disturbance noted. Pollen also present of Laurembergia at abnormal low altitude.
- MUNIR,Ahmad Abid, *A taxonomic revision of the genus Callicarpa L. (Verbenaceae) in Australia.* J.Adelaide Bot.Gard. 6 (1982) 5-39, 7 fig.
 Key to 7 species (2 new), 5 of which Indo-Australian.
- *NACKEJIMA,C. *An enumeration of orchids of the Ryukyus in colour with black and white plates (A preliminary list). Part Two: Amami, Miyako and Yaeyama Isls.* Okinawa (Sept. 1971) 128 pp., fig. 75-97 in col., fig. 98-183 in b/w; in Japanese.
- NAIR,N.C., C.N.MOHANAN & P.V.SREEKUMAR, *Stachytarpheta cayennensis (L.C. Rich.) Schau.*, a new record for India and with a key to the Indian species. J.Bomb.Nat.Hist.Soc. 79 (1982) 230-232, 1 fig.
 Key to 4 species.
- NASUTION,R.E. & TARMUDJI, *Anggrek eria lamongan (Eria lamonganensis Rchb.f.) dari Gunung Lamongan, Jawa Timur.* Bul.Kebun Raya 5 (1981) 5-6; in Indonesian.
 Description; compared with E. xanthochila.
- NAYAR,M.P. *Notes on Asian Melastomataceae (4). New species and notes on the genus Anerincleistus Korth.* J.Jap.Bot. 57 (1982) 56-62.
 10 species listed (6 new, 1 new comb.).
- *Revision of the genus Catanthera F.v.Muell.* (Melastomataceae). Reinwardtia 10 (1982) 35-61, 1 map, 9 fig.
 Hederella Stapf reduced to Catanthera; discrimination of the genera Dissochaeta, Medinilla and Catanthera; key to 16 species (5 new; others as recombinations).

- & G.S.GIRI, *A new species of Homalium Jacq. from Burma (Flacourtiaceae)*. J.Bombay Nat.Hist.Soc. 78 (1981) 568-569, 1 fig.
Including also key to the 5 species of sect. Pierrea.
- & S.KARTHIKEYAN, *Fourth list of species and genera of Indian phanerogams not included in J.D.Hooker, The Flora of British India (excluding Bangladesh, Burma, Sri Lanka, Malayan Peninsula and Pakistan)*. Rec.Bot.Surv.India 21 (1981) 128-152.
Including 9 genera and 301 species, 12 subspecies and 45 varieties.
- NEE,M. *The new species of Solanum published by Dunal in the Encyclopédia Méthodique, Botanique, Suppl. 3*. Taxon 31 (1982) 320-322.
According to Mr. Nee the 41 n.spp. of Solanum published in the Encycl.Méth.Bot. 1814 should be ascribed solely to Dunal who provided the diagnoses and epithets, and not to the editor, Poiret.
- *Notes on two Linnaean species of Solanum (Solanaceae)*. Taxon 31 (1982) 730-733, 1 fig.
Origin of *S. verbascifolium* in SE. U.S.A.; reduction of *S.laurifolium* L.f. non Mill.
- NEWELL,C.A. *Distribution of Glycine tabacina (Labill.) Benth. in the West-Central Pacific*. Micronesica 17 (1981) 59-65, 1 fig.
Discrimination from *G. clandestina*.
- *NG,F.S.P. & C.M.LOW, *Check list of endemic trees of the Malay Peninsula*. For.Res.Inst. Kepong, Research Pamphl. no 88 (1982) 94 pp.
Data from the 3 vols. of the Tree Flora of Malaya, comprising 82 out of 99 families; check list of 654 spp. out of 2398 spp. in 308 genera. A tabulation shows that 343 species are reckoned to be endangered. Each species is provided with concise data on occurrence. Important overview for conservation.
- NGUEN DANG KHOI & G.P. YAKOVLEV, *The supplements to the flora of the Fabaceae from Vietnam. I*. Bot.J.USSR 67 (1982) 1540-1543, 2 fig.
In Russian. Records in Dalbergia, Crotalaria, Desmodium, Dunbaria, Lonchocarpus, Rhynchosia, Indigofera (1 n.sp.).
- NICOLSON,D.H. *Translation of Engler's classification of Araceae, with updating*. Aroideana 5 (1982) 67-88.
Recent pollen studies did not fit Hutchinson's system, but confirmed that of Engler. Large key to 110 genera.
- NIELSEN,I. *The Australian species of Archidendron*. Nordic J.Bot. 2 (1982) 479-490, 9 fig.
Introduction; key to 9 species (4 new comb., 2 new spp.).
- *NIJS,H.de, *Biosystematic studies of the Rumex acetosella complex (Polygonaceae)*. Thesis, Univ.Amsterdam (1983) 159 pp., 6 appendices with many illus. & tab.
4 morphologically distinguishable subspecies, each with some polyploid races.

- NOOTEBOOM, H.P. *A revision of the Australian species of Symplocos (Symplocaceae)*. Brunonia 4 (1981) 309-326, 11 fig.
Keys to 6 species and 7 varieties in *S. cochinchinensis*.
- *Simaroubaceae*. Flora of Thailand 2 (1981) 439-447.
- *Symplocaceae*. Flora of Thailand 2 (1981) 448-464.
Key to 17 species.
- OERTEL, M. *Das Kraut gegen Krebs*. Bunte 5 (27 Jan. 1983) 117-118.
Mr. Dat Xuong has extracted an anti-cancerogene substance from *Ochrosia salubris* (= *Neiosperma oppositifolia*), Apoc., which is since 1982 produced by the Institut Pasteur in Paris synthetically (*Celiptium*); especially for women.
- OGDEN, J.C. & N.B. OGDEN, *A preliminary study of two representative sea-grass communities in Palau, Western Caroline Islands*. Aquatic Bot. 12 (1982) 229-244, 2 fig., 3 tab.
2 distinct communities in Palau.
- OHASHI, H. *A taxonomic survey on the Japanese Leguminosae*. Acta Phytotax. Geobot. 33 (1982) 308-320, 3 tab.; in Japanese.
No species names.
- *The taxonomic position of the genus Murtonia (Legum.)*. J.Jap.Bot. 57 (1982) 225-231, 2 fig.
Murtonia Craib from Thailand is reduced to a subgenus of *Desmodium*.
- *The taxonomic position of Tadehagi rodgeri (Leguminosae-Desmodieae)*. J.Jap.Bot. 57 (1982) 264-267, 1 fig.
A new comb. for a SE. Asian species in a split genus from *Desmodium*.
- , Y. TATEISHI, G. MURATA & M. KATO, *Contributions towards the plant taxonomy and distribution of Himalayan elements. I*. J.Jap.Bot. 57 (1982) 1-9, 1 fig., 4 maps.
Distribution of *Amphicarpaea ferruginea* (Legum.) and *Achyrospermum densiflorum* (Labiat.).
- OOI, P.A.C. *Using insects to control weeds*. Nature Malaysiana 6, no 3 (1981) 20-23, col.illus.
Two insects tried to control the introduced *Cordia curassavica* (Borag.) introduced from America at c. 1897.
- ORCHARD, A.E. *A revision of South American Myriophyllum and its repercussions on some Australian and North American species*. Brunonia 4 (1981) 27-65, 9 fig.
Halor. Key to 4 South American species; 3 new spp. from Australia.
- *The generic limits of Ixodia R.Br. ex Ait. (Compositae-Inuleae)*. Brunonia 4 (1981) 185-197, 1 fig., 3 tab.
2 Tasmanian *Ixodias* transferred to a new genus.

- *PADUA,L.S.de, G.C.LUGOD & J.V.PANCHO, *Handbook on Philippine medicinal plants.* Univ.Philip.at Los Banos Techn.Bull. vol. II, no 3 (1977) 64 pp.
Brief descriptions and illustrations of 52 species used by Filipinos. Glossary; vernacular names. Only little has been added to Quisumbing's account (illustr.) according to a critical review in *Sylvatrop.Philip.For.Res.* 3 (1978) 135.
- PAUL,R.N. *A new species of Pyrenaria Blume from Khasi Hills, Meghalaya, India.* Bull.Bot.Soc.Beng. 33 (1979) 115-117, 1 fig.
Theac. Based on old collections of S. Kurz.
- *PEI,Chien & Shou-liang CHEN (eds.) *Verbenaceae.* Fl.Reipubl.Pop.Sinicae 65 (1) (1982) ix + 229 pp., 107 fig.
Complete revision; good illustrations; Avicennia included; Nyctanthes is in this flora treated as Oleaceae, Schnabelia as Labiateae, although in Fl.Hainan. 1: 487 correctly as Verben.; Pygmaeopremna treated as a separate genus from Premna by having 2-celled ovaries. New species: Callicarpa 5, Premna 1, Gmelina 1, Clerodendrum 1.
- *PETR,T. (ed.) *Purari River (WABO) hydroelectric scheme.* Environmental Studies vol. 10. Ecology of the Purari River Catchment. Office of Environment & Conservation, Waigani, Papua New Guinea (1979) 106 pp., folio, maps, 8 fig.
As far as plants are concerned: Phragmites swamps and floating hydrophytes; vegetation of the lakes of Mt Giluwe area; notes on the aquatic flora of Lake Kutubu, and sago palm salinity tolerance in Purari R. Plant species listed.
- PHENGKLAI,C. *Ebenaceae.* Flora of Thailand 2 (1981) 281-392, 60 fig.
Key to 6 species.
- *Cannabidaceae.* Flora of Thailand 2 (1981) 393-394.
- *Hippocastanaceae.* Flora of Thailand 2 (1981) 395-397, 1 fig.
1 species in N. Thailand.
- *Irvingiaceae.* Flora of Thailand 2 (1981) 398-399.
- *Casuarinaceae.* Flora of Thailand 2 (1981) 400-401.
Key to 2 species (1 cult.).
- *Nyssaceae.* Flora of Thailand 2 (1981) 402-404, 1 fig.
- *Elaeocarpaceae.* Flora of Thailand 2 (1981) 405-438, 19 fig.
2 genera; Elaeocarpus with 17 species.
- PHILIPSON,M.N. & W.R.PHILIPSON, *A preliminary synopsis of the genus Rhododendron. III.* Notes R.Bot.Gard.Edinb. 40 (1982) 225-228.
Synopsis of subgenera not covered in the two previous contributions; 1 new species from Burma.
- PHILIPSON,W.R. *A synopsis of Matthaea (Monimiaceae).* Blumea 28 (1982) 77-83, 3 fig.
Revision of this Malesian genus; key to 6 species.

- *A revision of the Malesian species of Palmeria (Monimiaceae-Monimiae)*. Blumea 28 (1982) 85-101, 3 fig.
12 species keyed out (5 new; 9 reduced names); all species in New Guinea, one of which also in Celebes.
- PHILLIPS,S.M. *A numerical analysis of the Eragrostideae (Gramineae)*. Kew Bull. 37 (1982) 133-162, 2 fig.
Generic descriptions; affinity of the genera; some new names and combinations.
- *POLHILL,R.M. *Crotalaria in Africa and Madagascar*. Balkema, Rotterdam (1982) 389 pp., 4°, 104 fig., many maps.
Huge monograph, 511 species described; keys to species (54 new); brief introductory chapters on subdivision, chromosomes and toxicity.
- PORTR,D.M. *A new name for a widespread Achyranthes (Amaranthaceae)*. Kew Bull. 37 (1982) 334.
New synonym from Pacific for *A. aspera*.
- *PRADHAN,U.C. *Indian orchids: Guide to identification and culture*. Vol. I & II. (1976 & 1979) — Reviewed on page 3952.
- PRANA,M.S. & J.G.HAWKES, *Kunyit atau koneng dan kerabat-kerabat dekatnya sebagai bahan pangan*. Bul.Kebun Raya 5 (1981) 19-21; in Indonesian.
Information on Curcuma species.
- PRAWIROATMODJO,Suhardjono, *Anatomical evidence for reinstating Schizostachyum longispiculatum and S. biflorum (Gram.-Bamb.)*. Reinwardtia 10 (1982) 103-106, 3 fig.
Discrimination of 3 Javanese species. Key to 6 species.
- PUFF,Chr. *The delimitation of the tribe Anthospermeae and its affinities to the Paederieae (Rubiaceae)*. Bot.J.Linn.Soc. 84 (1982) 355-377, 15 fig., 2 tab.
Pollination apparatus; generic characters tabulated; phytochemistry, chromosomes, taxonomic conspectus, relationships with other tribes.
- *PURDIE,R.W., D.E.SYMON & L.HAEGI, *Solanaceae*. Flora of Australia 29 (1982) 208 pp., 52 fig., 207 maps. Reviewed on page 3943.
- RAGHAVAN,R.S., B.M.WADHWA & M.Y.ANSARI, *A checklist of plants of Gujarat*. Rec.Bot.Surv.India 21 (1981) 1-127.
Name list.
- RAHMAN,Md.Matiur & Mahbuba HALIM, *Ruppiaceae*. Flora of Bangladesh no 19 (1982) 3 pp., 1 fig.
1 species.
- RAIZADA,M.B. & S.S.R.BENNET, *Five new combinations and a new name for Indian flowering plants*. Indian For. 108 (1982) 302-303.
In Spermadictyon (Hamiltonia), Loeseneriella, Ophiorrhiza, Salvia, Eusteralis (Dysophylla).

RAMAMURTHY, K. & R. RAJAN, *A new species of Schefflera J.R. & G. Forst. (Araliaceae) from Kerala State, India.* J. Bomb. Nat. Hist. Soc. 79 (1982) 163-164, 1 fig.

*RANKIN, M.O. *The family Moraceae in the Northern Territory.* North.Terr.

Dept. Prim. Prod., Bot. Bull. no 5 (1982?, undated) vi + 71 pp., 6 col.pl., 14 maps.

Key to 5 genera (Artocarpus being new to the N.T.). In Ficus 14 species (out of 35 in the whole of Australia); the other genera with 1 species only. Almost all occur in the monsoonal part of the N.T.

RAO, A.S. & D.M. VERMA, *Notes on Cyperaceae of Assam.* Bull. Bot. Surv. India 22 (1980; publ. 1982) 80-90, 5 fig.

Species listed, some in common with Malesia.

RAO, M.K. Vasudeva, *Some poorly known plants from Andaman and Nicobar Islands.* Bull. Bot. Surv. India 22 (1980; publ. 1982) 100-104, 2 fig. 8 records, mostly in common with Malesia.

----- *Six neophytes in Andaman & Nicobar Islands.* Bull. Bot. Surv. India 22 (1980; publ. 1982) 112-114.

6 weeds, except 2 also in Malesia.

----- *Additions to the Orchidaceae of Andaman and Nicobar Islands.* Bull. Bot. Surv. India 22 (1980; publ. 1982) 212-213.

2 species added (one also in Malesia).

RAO, P.N. & B.V.N. REDDY, *Name correction of Striga asiatica (L.) O.K. as S. angustifolia (D. Don) Saldanha.* Curr. Sci. 51 (1982) 945, 1 fig. Scrophul.

RAO, R.R., B. NEOGI & K. HARIDASAN, *Stachytarpheta dichotoma Vahl (Verbenaee), a new record for India.* J. Bomb. Nat. Hist. Soc. 79 (1982) 233-234, 1 fig.

RAO, T. Ananda & S. CHAKRABORTI, *An amplified description of a hitherto uncommon species Craibiodendron mannii W.W. Smith (Ericaceae).* J. Bomb. Nat. Hist. Soc. 79 (1982) 223-225, 1 fig.

RAUSCHERT, S. *Nomina nova generica et combinationes novae spermatophytorum et pteridophytorum.* Taxon 31 (1982) 554-563.

A large number of new generic names and combinations because of homonymy, alphabetically arranged by families. Fortunately only few relate to Malesian plants, viz. Woodiellantha (for Woodiella), Willughbeiosis (for Urnularia), Cwangayana (for Acanthophora), Vandasina (for Vandasia), Neoaulacolepis (for Aulacolepis).

REEVE, T.M. *Coelogyne species of Papua New Guinea.* The Orchadian 7 (1982) 106.

Some critical notes on identities.

----- & N.E.G. CRUTTWELL, *Dendrobium cruttwellii T.M. Reeve (Section Latouria).* The Orchadian 7 (1982) 51-53, 2 fig.

Endemic in New Guinea.

- & J.J.WOOD, *Three confused species of Dendrobium section Pedilonum from New Guinea and the Moluccas.* The Orchadian 7 (1982) 113-118, 8 fig., 1 tab.
A new species from New Guinea compared with two others.
- RIDSDALE, C.E. *Spathichlamys, a remarkable Rubiaceae.* Blumea 28 (1982) 143-144, 1 fig.
A Burmese monotypic genus redescribed.
- *A revision of Badusa (Rubiaceae, Condamineae, Portlandiinae).* Blumea 28 (1982) 145-150, 1 fig.
Genus transferred from Cinchoneae to Condamineae subtribe Portlandiinae. Key to 3 species (one new from Palawan).
- RISWAN, S. *Natural regeneration in lowland tropical forest in East Kalimantan, Indonesia (with reference to Kerangas Forest).* Proc.Symp. on Forest Regeneration in SE.Asia; Biotrop Spec. Publ. no 13 (1981) 145-152.
- *ROBINSON, H.C. *A revision of the tribal and subtribal limits of the Heliantheae (Compositae).* Smithson.Contr.Bot. 51 (1981) 102 pp., 201 fig.
Including key to the subtribes.
- *ROCK, J.F. *The indigenous trees of the Hawaiian Islands.* 2nd Ed. (1982) xx + 548 pp., 215 fig. \$ 22.50.
A reprint of this 1913 classic on Hawaiian trees, obtainable from Publ. Office, Pacif.Trop.Bot.Gard., Box 340, Lawai, Kauai, Hawaii.
- ROSS, J.H. *A revision of the genus Templetonia R.Br.* (Papilionaceae). Muelleria 5 (1982) 1-29, 16 fig. & maps.
11 endemic species; key; distribution; ecological affinities.
- *ROYEN, P.van, *The alpine flora of New Guinea.* Vol. 3. Taxonomic part. Winteraceae to Polygonaceae. J.Cramer, Vaduz (1982) pp. lxxiii-lxxvi, 1233-2404, fig. 393-711, pl. 113-170.
Covers 40 families. For a review of the volumes 1 & 2 see page 3614. In some genera several new species, e.g. in Saurauia, Rapanea, Ranunculus, Eurya, Pilea; Ericaceae the largest family.
- RUDJIMAN, *A revision of Vallaris Burm. f.* (Apocynaceae). Meded.Landbouwhogesch.Wageningen 82-11 (1982) 1-17, 3 fig., 1 map.
Key to 3 species; 1 new comb. in Beaumontia.
- SAHU, T.R. *Taxonomic studies of the genus Ageratum L. in India (Comp.).* Feddes Rep. 93 (1982) 61-65, 1 fig., 1 tab.
Suggestion to reduce A. houstonianum to A. conyzoides as a variety.
- SANDS, M.J.S. *Begonia chlorosticta* (Begon.). Curtis Bot.Mag. n.s. 183 (1981) tab. 827.
From Sarawak.
- SANGAT, H.M. *Some ethnobotanical aspects of batik.* J.d'Agric.Bot.Appl. 29 (1982) 41-56, 10 fig. — Discussion of 20 plant spp. used for batik.

SASTRAPRADJA, D.S. & T.A.DAVIS, *The Bogor Botanic Garden and its rich collection of palms.* Principes 27 (1983) 18-30, 17 fig., 1 map, 1 tab. Contains amongst others an up to date list of palms cultivated in the gardens, a very large assortment.

SASTRAPRADJA, S. *Homegardens and the minor important crops in S.E.Asia: Indonesia's case.* BioIndonesia no 8 (1981) 1-9, 1 tab. Minor crops of importance for plant genetic resources. Suggestions to develop their potential.

----- *Dioscorea alata: its variation and importance in Java, Indonesia.* In: J.Miege & S.N.Lyonga, *Yams ignames* (1982) 44-49.

----- , S.H.A.LUBIS, I.LUBIS & D.SASTRAPRADJA, *Studies on the Javanese species of Canavalia. IV. An artificial hybrid between C. ensiformis x C. microcarpa (Leguminosae).* Ann.Bogor. 7 (1981) 129-136, 2 fig., 2 tab.

SCHLECHTER, R. *The Orchidaceae of German New Guinea (& Figure Atlas)* (1982) — Reviewed on page 3953.

*SCHMID, M. *Fleurs et plantes de Nouvelle-Calédonie* (1982) 164 pp., many col.phot., small 8°.

A charming and most interesting succinct treatment of the fascinating flora of New Caledonia, concerning the ecology and vegetation, relation with soil types, climate, influence of man, etc. Magnificent series of colour photographs of the plants of different vegetation types, many of which probably pictured for the first time.

SCHULTES, R.E. & N.R.FARNSWORTH, *Ethnomedical, botanical and phytochemical aspects of natural hallucinogens.* Bot.Mus.Leafl.Harvard Univ. 28 (1980) 123-214, 10 fig., 1 tab.

Comments, listing and literature on a large number of species, mostly American, and their chemical composition.

SCORA, R.W., J.KUMAMOTO, R.K.SOOST & E.M.NAUER, *Contribution to the origin of the grapefruit, Citrus paradisi (Rutaceae).* Syst.Bot. 7 (1982) 170-177, 1 tab.

Citrus grandis x C. sinensis.

SEETHARAM, Y.N. *Two new names in the genus Garcinia (Guttiferae).* Reinwardtia 10 (1982) 97-98.

Two names from the West Pacific (originally in Pentaphalangium) appear to be homonyms and are renamed.

SEIDENFADEN, G. *Contributions to the orchid flora of Thailand. IX.* Nordic J.Bot. 1 (1981) 193-217, 19 fig.

Notes and descriptions of species in various genera; many in *Dendrobium* (to which a key to some spp. of *D. aciculare* affinity); several new species.

----- *Ditto. X.* Nordic J.Bot. 2 (1982) 193-218, 4 fig. — 2 new species, 3 new records for Thailand. Alphabetical enum. of the 999 taxa of orchids so far recorded from Thailand.

- *Orchid genera in Thailand. X. Trichotosia Bl. and Eria Lindl.* Opera Botanica no 62 (1982) 1-157, 79 fig., 9 col.pl.
Keys, descriptions of many species (in Eria many new).
- & C.M.ARORA, *An enumeration of the orchids of Northwestern Himalaya.* Nordic J.Bot. 2 (1982) 7-27, 2 fig.
250 species listed (24 for the first time), 2 new spp. (in Eria and Flickingeria), one new comb. (in Aorchis); plea for strict conservation.
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