

XVIII. BIBLIOGRAPHY
(continued from page 2729)

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* :

- BALDOCK, R.N. *The Griffithsiae group of the Ceramiaceae (Rhodophyta) and its Southern Australian representatives*. Austr.J.Bot. 24 (1976) 509-593, 92 fig.
Key to genera; some n.spp.
- BOU KARAM-KERIMIAN, T. *Structure, reproduction et discussion sur la position systématique du genre Gibsmithia (Rhodophyceae)*. Bull.Mus.Nat.Hist.Nat. 3e sér. no. 365, Bot. 25 (1976) 1-32, 2 pl.
- CORDERO Jr, P.A. *Phycological observations. I. Genus Porphyra of the Philippines, its species and their occurrences*. Bull.Jap.Soc.Phycol. 22 (1974) 134-142, 4 fig.
- *DROUET, F. *Revision of the Nostocaceae with cylindrical trichomes (formerly Scytonemataceae and Rivulariaceae)*. Hafner Press New York/London (1973) 292 pp., 83 fig.
- DUCKER, S.C., J.D. LeBLANC & H.W. JOHANSEN, *An epiphytic species of Jania (Corallinaceae: Rhodophyta) endemic to southern Australia*. Contr.Herb.Austr. no. 17 (1976) 8 pp., 14 fig., 1 tab.
- FOGED, N. *Freshwater diatoms in Sri Lanka (Ceylon)*. Bibl. Phycol. 23 (1976) 1-113, 24 pl., 1 map.
- GOPALAKRISHNAN, P. *On the occurrence of Hormophysa triquetra (L.) Kutzing and Rhodymenia palmata Grev. on the west coast*. Phykos 13 (1974) 6-9, 2 fig.
- *Turbinaria indica* sp.nov. *A new marine alga from the Gulf of Kutch*. Phykos 13 (1974) 10-15, 3 pl.
- HINODE, T. *On some Japanese Desmids (?)*. Hikobia 7 (1975) 87-93, 2 fig., 1 pl.
- JOHNSON, A. *The microflora of the University of Singapore pond*. J.Sing.Nat.Ac.Sci. 3 (1973) 241-252, 14 tab.
Names of species listed.
- KAMAT, N.D. *Algae of Marathwada, Maharashtra*. Phykos 13 (1974) 22-32.
Species listed.

- *The Nostocales of the Mysore State*. *Phykos* 13 (1974) 33-37.
- *Desmids of Marathwada, Maharashtra*. *J. Bomb. Nat. Hist. Soc.* 72 (1975) 616-618.
List of records.
- *Algae of Vidarbha, Maharashtra*. *J. Bomb. Nat. Hist. Soc.* 72 (1975) 450-476.
Very long list of records.
- KRAFT, G.T. *The morphology of Beckerella scalaramosa, a new species of Gelidiales (Rhodophyta) from the Philippines*. *Phycologia* 15 (1976) 85-91, 15 fig.
- MASUDA, M. *Taxonomic notes on Rhodophysempsis gen. nov. (Rhodophyta)*. *J. Jap. Bot.* 51 (1976) 175-187, 19 fig.
1 n.sp., 1 n.comb.
- MIN-THEIN, U. & H.B.S. WOMERSLEY, *Studies on Southern Australian taxa of Solieriaceae, Rhabdoniaceae and Rhodophyllidaceae (Rhodophyta)*. *Austr. J. Bot.* 24 (1976) 1-166, 69 fig.
- NIZAMUDDIN, M. *A nomenclatural correction. Dictyota hauckiana Nizamuddin nom. nov.* *Nova Hedwigia* 26 (1975) 349.
- NURUL ISLAM, A.K.M. & P. SARMA, *Freshwater algae of Bangladesh. V. Genus Oedogonium*. *Nova Hedwigia* 27 (1976) 425-454, 6 pl.
23 spp., 9 var.; 2 new taxa; 4 new comb.
- OHMI, H. & H. ITONO, *A new species of the genus Liagoropsis (Rhodophyta) from southern Japan*. *J. Jap. Bot.* 51 (1976) 199-203, 2 fig.
- PAL, S. & A.K. YADAV, *Some Cyanophyceae from Saharanpur District. A taxonomic enumeration*. *Phykos* 13 (1974) 38-47.
108 spp. listed.
- PATEL, R.J. & M.J. SONI, *On Vaucheria fontinalis (L.) Christensen from India*. *J. Indian Bot. Soc.* 53 (1974) 193-195, 10 fig.
- PRASAD, B.N. & D.K. ASTHANA, *On genus Chlorotylum Kützing - A new addition to the Indian flora*. *Geophytology* 6 (1976) 82-86, 14 fig., 1 pl., 1 tab.
- RAO, M. Umamaheswara. *Additions to the Algal Flora of the Gulf of Mannar and Palk Bay from Mandapam Area. II*. *Phykos* 13 (1974) 56-59, 2 pl.
- REEDMAN, D.J. & H.B.S. WOMERSLEY, *Southern Australian species of Champia and Chylocladia (Rhodymeniales: Rhodophyta)*. *Trans. R. Soc. S. Austr.* 100 (1976) 75-104, 14 fig.
Key; n.sp.; n.comb.

- SANTELICES, B. *Taxonomic and nomenclatural notes on some Gelidiales (Rhodophyta)*. Phycologia 15 (1976) 165-173, 33 fig.
- SARMA, P. & V.J.CHAPMAN, *Occurrence of the genus Nostochopsis in New Zealand (Cyanoph.)*. Nova Hedwigia 26 (1975) 305-308, 1 pl.
- SILVA, M.W.R.N.DE, *Some observations on Protosiphon botryoides (Kuetz.) Klebs from Penang Island, West Malaysia*. Malay.Nat.J. 29 (1975) 121-123, 3 fig.
- *SKUJA, H. *Zur Kenntnis der Algen Neuseeländischer Torfmoore*. Nova Acta Regiae Soc.Scient.Upsaliensis ser.V:C, vol.2 (1976) 159 pp., 16 Taf., 4 text-fig., 1 portr.
- SKVORTZOV, B.V. *Subaerial diatom flora from Hongkong, Eastern Asia*. Quart.J.Taiwan Mus. 28 (1975) 407-430, 103 fig. Species listed.
- TANAKA, M. *A list of algae collected from Imô mixed Sphagnum-bog. I. Scenedesmus*. Acta Phytotax.Geobot. 27 (1976) 115-119, 24 fig.
- TIWARI, G.L. *A study of the blue-green algae from paddy fields soils of India. II. Taxonomic considerations of non-heterocystous blue-green algae*. Nova Hedwigia 26 (1975) 765-798, 11 pl. 50 spp. listed.
- TRONO Jr, G.C. *Annotated checklist of some marine benthic algae from Tawi-tawi, Sulu archipelago*. Natur.Appl.Sci. Bull. 24 (1972) 85-112.
- VALET, G. *Le Struvea scoparia Kützinger (Chlorophycée) de Nouvelle-Calédonie et sa position systématique*. Phycologia 15 (1976) 421-424, 3 fig.
- WOMERSLEY, H.B.S. & S.A.CARTLEDGE, *The southern Australian species of Spyridia (Ceramiaceae: Rhodophyta)*. Trans. R.Soc.S.Austr. 99 (1975) 221-233, 5 fig. Key to 4 spp.
- YAMAGISHI, T. *The plankton algae from Papua New Guinea*. In Y. Otani, Reports Crypt. Papua New Guinea, for Nat.Sc.Mus. Tokyo (1975) 43-74, 4 fig., 1 pl. Listed records of Chlorophyta, Chrysophyta and Cyanophyta.
- b) *Fungi & Lichens* :
- ABBAYES, H.R.N.DES, *Cladonia de Nepal. Lichenes*. Khumbu Himal. 6(2) (1974) 111-116.

- AGERER, R. *Flagelloscypha. Studien an cyphelloiden Basidiomyceten*. Sydowia 27 (1975) 131-265, 1 Taf., 82 Abb. Monograph; many new species.
- ALCORN, J.L. *Three Drechslera species on Chloris*. Trans.Br. Mycol.Soc. 67 (1976) 148-150, 6 fig.
- , E.PUNITHALINGAM & G.J.P.McCARTHY, *Peanut net blotch caused by Didymosphaeria arachidicola (Chochrjakov) comb. nov.* Trans.Br.Mycol.Soc. 66 (1976) 351-355, 5 fig.
- * AWASTHI, D.D. *A monograph of the lichen genus Dirinaria*. Bibl. Lichenol. Bd 2 (1975) 108 pp., 16 maps, 59 photogr.
- BALAZUC, J. *Recherches sur les Laboulbénomycetes. III. Laboulbéniales parasites de Coléoptères Chrysomélides, avec description d'espèces nouvelles*. Revue de Mycol. 39 (1974/75) 189-211, 5 pl.
- BATRA, L.R. *Ascomycetes of Pakistan: Plectomycetes*. Biologia 21 (1975) 1-37, 4 fig. 28 spp. of 13 genera.
- BEATON, G. & G.WESTE, *Australian Discomycetes: Log-inhabiting Vibrissea species*. Trans.Br.Mycol.Soc. 67 (1976) 129-132, 3 fig. On Eucalyptus.
- & ----- *Australian Discomycetes: Ascotremella*. Trans. Br.Mycol.Soc. 67 (1976) 146-148, 1 fig.
- BENNY, G.L. & R.K.BENJAMIN, *Observations on the Thamnidiaceae (Mucorales). New taxa, new combinations and notes on selected species*. Aliso 8 (1975) 301-351, 14 fig.
- & ----- *Observations on the Thamnidiaceae (Mucorales). II. Chaetocladium, Cokeromyces, Mycotypha, and Phascolomyces*. Aliso 8 (1976) 391-424, 8 fig.
- * BERTHIER, J. *Monographie des Typhula Fr., Pistillaria Fr. et genres voisins*. Bull.Soc.Mycol.Fr. Suppl. au t. 92, fasc. II (1976) 1-213, 39 pl., 2 col.pl.
- BHARGAVA, K.S. & V.NATH, *An undescribed species of Cercospora causing leaf spot of Mitragyna parvifolia (Roxb.) Korth.* Curr.Sci. 45 (1976) 671-672, 1 fig.
- BOESEWINKEL, H.J. *Powdery mildew of Begonia in New Zealand*. Trans.Br.Mycol.Soc. 67 (1976) 152-155, 7 fig.
- BRATT, G.C., A.J.BLACKMAN & J.A.CASHIN, *The genus Anzia in Tasmania*. Lichenologist 8 (1976) 69-77, 2 pl., 2 fig., 1 tab.

- & J.A.CASHIN, *Additions to the lichen flora of Tasmania I*. Pap.Proc.R.Soc.Tasm. 109 (1975) 17-20, 1 tab.
35 new records listed.
- * BRODIE, H.J. *The Bird's Nest Fungi*. Univ.Toronto Press (1975)
xv + 199 pp., 64 fig., 11 tab.
Monograph of Nidulariaceae.
- BROWN, L.G. & G.MORGAN-JONES, *Notes on Hyphomycetes. XI. Additions to the genera Cercosporidium, Passalora and Phaeoisariopsis*. Mycotaxon 4 (1976) 299-306, 4 fig.
One species from the Philippines.
- BRUMMELEN, J.VAN, *Some new species of Saccobolus*. Persoonia 8 (1976) 421-430, 5 fig.
Incl. a new species from Thailand.
- CHEN, ZUEI-CHING, *Notes on new Formosan forest fungi. IV. Research on the wood-destroying Poria from Taiwan*.
Taiwania 21 (1976) 123-127.
Key to 6 spp.
- *Ditto*. V. *A list of Polyporaceae found in Taiwan*.
Taiwania 21 (1976) 128-133.
Name list.
- CORNER, E.J.H. *Further notes on Cantharelloid fungi and Thelephora*. Nova Hedwigia 27 (1976) 325-342, 6 fig.
Mostly from Malesia, 8 n.sp., 1 n.g.; new records for New Guinea; 1 reduction.
- *On the clavarioid Ramaria stricta (Fr.) Quéf. in Borneo*.
Persoonia 9 (1976) 149-150.
- CUNNINGHAM, J.L., B.K.BAKSHI, P.L.LENTZ & M.S.GILLIAM, *Two new genera of leaf-parasitic Fungi (Basidiomycetidae: Brachybasidiaceae)*. Mycologia 68 (1976) 640-654, 19 fig.
One from India.
- * DEIGHTON, F.C. *Studies on Cercospora and allied genera. VI. Pseudocercospora Speg., Pantospora Cif. and Cercoseptoria Petr.* Mycol.Pap. no. 140 (1976) 1-168, 87 fig., 6 pl.
Contains n.spp. and n.comb.
- DOI, Y. *Revision of the Hypocreales with cultural observations VIII. Hypocrea peltata (Jungh.) Berk. and its allies*.
Bull.Nat.Sci.Mus.Tokyo ser.B Bot. 1 (1975) 121-134, 8 fig.
Incl. 1 n.sp.
- DUMONT, K.P. *Sclerotiniaceae XII. On some selected species from India*. Mycologia 68 (1976) 842-873, 16 fig.
Contains several n.spp. and n.comb; no key.

- DURRIEU, G. *Les champignons phytopathogènes du Népal. Aspects biogéographiques.* Bull.Soc.Hist.Nat.Toulouse 111 (1975) 112-117, 2 tab.
- ELLIOTT, M.E. & M.P.SHARMA, *Lambertella berberidis n.sp. from India.* Canad.J.Bot. 54 (1976) 1868-1871, 7 fig.
- *FURUKAWA, H. *Taxonomic studies of the genus Odontia and its allied genera in Japan.* Bull.Gov.For.Exp.Sta. no. 261 (1974) 87 pp., 54 fig., 12 pl.
- GALLOWAY, D.J. *H.H.Allan's early collections of New Zealand lichens.* New Zeal.J.Bot. 14 (1976) 225-230.
List of Uppsala holdings.
- , I.MACKENZIE LAMB & G.C.BRATT, *Two new species of Stereocaulon from New Zealand and Tasmania.* Lichenologist 8 (1976) 61-67, 2 pl.
- GERDEMANN, J.W. & B.K.BAKSHI, *Endogonaceae of India: Two new species.* Trans.Br.Mycol.Soc. 66 (1976) 340-343, 8 fig.
- HALE Jr, M.E. *A monograph of the lichen genus Pseudoparmelia Lynge (Parmeliaceae).* Smithson.Contr.Bot. no. 31 (1976) 1-61, 18 fig.
Keys; n.spp., n.comb.
- *A monograph of the lichen genus Bulbothrix Hale (Parmeliaceae).* Smithson.Contr.Bot. no. 32 (1976) 1-29, 7 fig.
Key to species.
- HONGO, T. *New taxa of the Agaricales published by T.Hongo from 1951 to 1974.* Trans.Mycol.Soc.Japan 16 (1975) 378-382.
- *Agarics from Papua-New Guinea III.* Rept.Tottori Mycol. Inst.Japan 14 (1976) 95-104, 6 fig.
Several records; 4 n.spp.
- & E.NAGASAWA, *Notes on some boleti from Tottori II (W. Japan).* Rept.Tottori Mycol.Inst.Japan 14 (1976) 85-89, 2 fig.
1 n.sp., 1 n.comb.
- HUGHES, S.J. *New Zealand Fungi 24. Capnokyma corticola gen. nov., sp.nov., a Hyphomycetous Sooty Mould.* New Zeal.J. Bot. 13 (1975) 637-644, 4 fig.
- IMAZEKI, R. & Y.OTANI, *Rediscovery of Chorioactis geaster (Peck) Eckblad in Kyusyu, Japan (Fungi)* Trans.Mycol. Soc.Japan 16 (1975) 222-229, 1 fig., 2 pl.
- JAMALUDDIN, M.P.TANDON & R.N.TANDON, *A new species of Phyllosticta causing leaf spot of Nyctanthes arbor-tristis.* Curr.Sci. 44 (1975) 683, 1 fig.

- JOSUE, A.R. & T.H. QUIMIO, *A Philippine Basidiobolus isolated from lizard dung*. *Nova Hedwigia* 27 (1976) 483-492, 5 fig.
- JÜLICH, W. *Studies in resupinate Basidiomycetes. IV. Persoonia* 8 (1976) 431-442, 6 fig.
Incl. a species from the Solomons.
- *Studies in hydroid fungi. I. On some genera with hyphal pegs*. *Persoonia* 8 (1976) 447-458, 6 fig.
Incl. a species from New Zealand.
- KAR, A.K. & B.B. DEWAN, *Some Discomycetes of Eastern Himalayas*. *Indian Phytopath.* 28 (1975) 296-297.
- KASHIWADANI, H. *The genera Physcia, Physconia and Dirinaria of Japan (Lich.)* *Ginkgoana* no. 3 (1975) 1-77, 23 fig. & maps, 5 tab., 5 pl.
- *Enumeration of Anaptychia and Parmeliae of Papua New Guinea (Lich.)*. In Y. Otani (ed.), *Reports Crypt. Papua New Guinea, for Nat. Sc. Mus. Tokyo* (1975) 75-85, 1 pl. 55 records listed.
- & G. DEGELIUS, *On the occurrence of Collema polycarpon var. corcyrense (Arn.) Harm. in Japan (Lich.)* *Mem. Nat. Sci. Mus. Tokyo* no. 8 (1975) 115-117, 3 fig., 1 map. First record from Far East.
- KHARE, K.B. *A new species of the genus Octospora from India*. *Curr. Sci.* 44 (1975) 901-902, 5 fig.
- *Two Ascobolus species from India*. *Curr. Sci.* 45 (1976) 385-386, 6 fig.
No novelties.
- *Some Lamprospora species from India*. *Norw. J. Bot.* 23 (1976) 1-5, 11 fig.
3 spp. discussed.
- KNOX-DAVIES, P.S. *Decline disease of silver trees and other indigenous species*. *Veld & Flora* 61 (1975) 20-21, 2 fig.
Through man-dispersed *Phytophthora cinnamomi*.
- KOBAYASHI, T. & K. SASAKI, *Notes on new or little-known fungi inhabiting woody plants in Japan. VII*. *Trans. Mycol. Soc. Japan* 16 (1975) 230-244, 5 fig., 3 pl., 5 tab.
Some n. spp.
- KREISEL, H. *Gasteromyzeten aus Nepal. II*. *Feddes Rep.* 87 (1976) 83-107, 9 Abb., 1 Taf., 2 Tab.
36 taxa; several new in Bovista and Lycoperdon.
- KUZUHA, S. *A new acephalous species of Piptocephalis (Mucorales)*. *J. Jap. Bot.* 51 (1976) 123-128, 2 fig.

- *LARSEN, M.J. *A contribution to the taxonomy of the genus Tomentella*. Mycol. Memoir no. 4; publ. by N.Y. Bot. Gard. & Mycol. Soc. Amer. (Oct. 1974) 145 pp., 173 fig.
- LAUNDON, G.F. *A new name for a New Zealand Phragmidium*. Trans. Br. Mycol. Soc. 67 (1976) 177.
- LIM, G. *Some sooty moulds and black mildews from Singapore and the Malay Peninsula*. Reinwardtia 9 (1975) 197-213, 29 fig.
Records of 33 species.
- MAAS GEESTERANUS, R.A. *Notes on Hydnums*. X. Proc. Kon. Ned. Ak. Wet. ser. C, 79 (1976) 273-289, 11 fig.
Contains i.a. many data on Australian species; 1 n.sp. from Australia, 1 n.sp. from New Guinea.
- MALHOTRA, G. & K.G. MUKERJI, *Fungi of Delhi*. XXIX. *Three new species of Chaetomium from decaying wood*. Rev. Mycol. 40 (1976) 179-184, 12 fig.
- MANOHARACHARY, C. & P. RAMA RAO, *Studies on soil fungi*. VII. *Notes on some fungi from Hyderabad*. Indian Phytopath. 27 (1974) 653-656, 4 fig.
- MARTIN, P.M.D. *Studies in the Xylariaceae: Supplementary note*. J.S. Afr. Bot. 42 (1976) 71-83.
130 new comb.; a few n.sp.
- MAUNG MYA THAUNG, *Some new Fungi from Burma*. Trans. Br. Mycol. Soc. 66 (1976) 107-111, 4 fig.
Several new species.
- *New Hyphomycetes from Burma*. Trans. Br. Mycol. Soc. 66 (1976) 211-215, 3 fig.
2 n.g., 3 n.sp.
- MEEKER, J.A. *Revision of the Seuratiaceae*. II. *Taxonomy and nomenclature of Seuratia*. Canad. J. Bot. 53 (1975) 2483-2496, 12 fig.
- MHASKAR, D.N. & V.G. RAO, *Two unrecorded ascomycetes from India*. Indian Phytopath. 28 (1975) 281-283, 2 fig.
- MIKAWA, T. *Materials for the fungus flora of Japan*. 18. Trans. Mycol. Soc. Japan 16 (1975) 146-148, 1 fig.
- MILLNER, P.D. *Ascomycetes of Pakistan: Chaetomium*. Biologia 21 (1975) 39-73, 24 fig.
28 spp.
- MINOURA, K., T. MORINAGA & T. MUROI, *Some Ascomycetes isolated from soil of Nepal*. I. Rept. Tottori Mycol. Inst. Japan 12 (1975) 171-185, 11 fig.

- , ----- & ----- *Ditto*. II. Trans.Mycol.Soc.Japan 16 (1975) 366-377, 10 fig., 2 pl.
- MISHRA, C.B.P. A new host record of *Pringsheimia* sp. on *Sannhemp* (*Crotalaria juncea* L.). Curr.Sci. 45 (1976) 468.
- MISRA, P.C. *Veronaea simplex* from India. Curr.Sci. 45 (1976) 466.
Soil Hyphomycete from Africa also in India.
- *Stachybotrys renispora* sp.nov. Mycotaxon 4 (1976) 161-162, 1 fig.
From India.
- & P.SRIVASTAVA, A new species of *Tetracoccusporium*. Mycotaxon 4 (1976) 276-278, 1 fig.
From India.
- * MUKERJI, K.G. & R.C.JUNEJA, *Fungi of India. Supplement to the List of Indian Fungi 1962-1972*. Delhi, Emkay Publications.
224 pp., undated, received June 1976 (Introduction 1974).
- MULDER, J.L. *Cercocladospora adinicola* (Kar & Mandal) Mulder comb. nov. Trans. Br. Mycol. Soc. 67 (1976) 151.
On Adina in India.
- MÜLLER, E. *Über die Gattung Telimena Raciborski* (Ascomycetes). Sydowia 27 (1975) 74-77, 1 Abb.
2 spp.
- NAG RAJ, T.R. *Genera coelomycetum. XII. Tracyella and Amerodiscosiella*. Canad.J.Bot. 53 (1975) 2435-2442, 12 fig.
- * ----- & B.KENDRICK, *A monograph of Chalara and allied genera*. Wilfrid Laurier Univ. Press, Waterloo, Ontario, Canada (1975) 200 pp., 61 fig.
- NARAIN, U. & H.K.SAKSENA, *Alternaria fallax: a new record from India*. Indian Phytopath. 28 (1975) 283-284, 1 fig.
- NATHAN, S. *An annotated list of lichens from Penang*. Malay. Nat.J. 28 (1975) 214-216.
12 spp. described.
- NAWAWI, A. *A new species of Flabellospora from Malaysia*. Malays.J.Sci. 2(A) (1973) 55-58, 1 fig., 1 tab., 1 pl.
- *A new genus of Hyphomycetes*. Trans.Br.Mycol.Soc. 66 (1976) 344-347, 6 fig.
- NUNO, M. *Four new species of Cladonia from Asia*. J.Jap.Bot. 50 (1975) 289-297, 6 fig.

- OTANI, Y. *Some Discomycetes collected in Papua New Guinea*. In Y. Otani (ed.), *Reports Crypt. Papua New Guinea*, for Nat.Sc.Mus.Tokyo (1975) 5-41, 17 fig., 2 pl. Records and new species.
- PANDE, A. *Contributions to the Xylariaceae of Western India*. V. Bull.Bot.Surv.India 15 (1976) 8-12, 1 fig. 13 spp. described and listed.
- PURKAYASTHA, R.P. & F.MALLIK, *Two new species of Sphaeropsidales from India*. Nova Hedwigia 26 (1975) 441-443, 3 fig.
- RAM REDDY, M.A., Y.N.PURI, S.SINGH & P.C.PANDEY, *Disease situation in Indian forests. II. Potentially dangerous foliage diseases*. Indian Phytopath. 28 (1975) 41-45, 5 fig.
- RAMARAO, P., P.R.RAO & C.MANO HARACHARY, *Notes on Microfungi from Andhra Pradesh. III. A new species of Prathigada on Bauhinia*. Nova Hedwigia 26 (1975) 437-440, 1 fig., 1 tab.
- RANGKUTI, D. & M.A.RIFAI, *Guepiniopsis oresbia, a new wood destroying basidiomycete*. Reinwardtia 9 (1975) 215-219, 1 fig.
- REDDY, S.M. *Phaeoisaria - A new record from India* (Fungi) Indian Phytopath. 27 (1974) 652-653, 1 fig.
- RIFAI, M.A. *A note on Podoconis megasperma Boedijn*. Reinwardtia 9 (1975) 221-223, 1 fig. Reclassified as Exosporium megaspermum Rifai comb. nov.
- ROY, A.K. *Hyperparasitic Fungi from Assam*. J.Indian Bot.Soc. 52 (1973) 241-243, 3 fig. Few records.
- ROY CHOWDHURY, K.N. *Six noteworthy corticolous lichens from India*. Bull.Bot.Surv.India 13 (1971) 341-343, 1 fig.; received 1976). No novelties.
- *A new species of lichen from West Bengal*. Bull.Bot.Surv.India 13 (1971) 346-347, 1 fig.; received 1976). *Buellia subramaniana* n.sp.
- *Three noteworthy lichens from Darjeeling District*. Bull.Bot.Surv.India 14 (1975) 153-155, 3 fig.
- *Lichen genus Nesolechia - a new record for India*. Bull.Bot.Surv.India 14 (1975) 177-179, 1 fig.
- *Unrecorded species of lichens from India*. Bull.Bot.Surv.India 15 (1976) 132-136, 29 fig. Species listed.

- RYVARDEN, L. *Type studies in the Polyporaceae. 7. Species described by J.M. Berkeley from 1836 to 1843.* Kew Bull. 31 (1976) 81-103, 1 fig.
- & R.S.DHANDA, *Two remarkable polypores from India.* Trans.Br.Mycol.Soc. 65 (1975) 413-417, 1 fig., 1 pl. *Cystostiptoporus indicus* n.g.n.sp. and a known species of *Coltricia*.
- SAMUELS, G.J. *Perfect states of Acremonium. The genera Nectria, Actiniopsis, Ijuhya, Neohenningsia, Ophiodictyon, and Peristomialis.* New Zeal.J.Bot. 14 (1976) 231-260, 34 fig.
Incl. some n.spp. and comb.
- *SARBHOY, A.K., G.LAL & J.L.VARSHNEY, *Fungi of India (1967-71).* Publ. by Navyug Traders, Deshbandhu Gupta Road, Dev Nagar, New Delhi-110005 (1975) 148 pp.
Checklist; bibliography; host indices.
- SATHE, A.V. *Nomenclatural invalidation of the rust genus Jacksoniella.* Indian Phytopath. 27 (1974) 617-618.
New unpronounceable name proposed: *Thirumalachariella*.
- & S.R.RAHALKAR, *A new rust on Polygonum glabrum from India.* Curr.Sci. 45 (1976) 382, 1 pl.
Uredo n.sp.
- SATO, M. *Revision of the New Zealand Lichens (4).* Misc.Bryol. et Lichen. 7 (1975) 17-20, 10 fig., 1 tab.
- & T.OZAWA, *Revision of the lichen genus Sphaerophorus collected in Japan.* Misc.Bryol.et Lichen. 6 (1974) 193-196, 1 map.
- SHARMA, N.D. *Asteromella: a new generic record from India.* Curr.Sci. 45 (1976) 641-642.
1 n.sp.
- & S.R.SINGH, *Some additions to Fungi of India.* Curr. Sci. 45 (1976) 302-303.
Some new species.
- SHIPTON, W.A. *Notes on Australian isolates of some infrequently recorded imperfect fungi.* Trans.Mycol.Soc.Japan 16 (1975) 97-102, 4 fig.
3 spp. (no new).
- SINGH, K.P. & S.R.SINGH, *Enumeration of macrolichens from Nilgiri Hills, India.* Geophytology 6 (1976) 27-34, 2 tab.
Name list in geogr. tabulation.
- SINGH, S.N., P.N.CHAUDHRY & A.K.SARBHOY, *Dematiaceous Hyphomycetes from India. II.* Indian Phytopath. 27 (1974) 634-636, 6 fig. — 2 spp., 1 new comb.

- SINGH, U.P. *A new species of Mycosphaerella from India.* Mycol-
ogia 68 (1976) 175-177, 4 fig.
- SIVANESAN, A. *A note on Phyllachora cinnamomi Siv. and Trematospaeria fusispora Siv.* Trans.Br.Mycol.Soc. 67 (1976) 151.
- SRIVASTAVA, Y.N. & K.S. BHARGAVA, *A new species of Phyllachora Nitschke apud Fuckel on Oryza sativa L. from Gorakhpur (U.P.), India.* Curr.Sci. 44 (1975) 680-681, 1 fig.
- STALPERS, J.A. *Notes on Mycoacia. I. Persoonia* 9 (1976) 145-148, fig. 1.
I.a. a new comb. for an Australian 'Hydnum'.
- SUBHEDAR, A.W. & V.G. RAO, *Exilispora indica sp.nov. (Sphaeriaceae) - A new generic record to India.* Curr.Sci. 45 (1976) 344-345, 1 fig.
- SUTTON, B.C., V.G. RAO & D.N. MHASKAR, *Kendrickomyces gen.nov. and Waydora nom.nov., two unusual stromatic Coelomyces.* Trans.Br.Mycol.Soc. 67 (1976) 243-249, 7 fig.
New genus from India; other from Eucalyptus in Tasmania etc.
- TALDE, U.K. *A new species of Furcaspora from India.* Indian Phytopath. 27 (1974) 630-631, 1 fig.
- TANDY, P.A. *Sporocarpic species of Endogonaceae in Australia.* Austr.J.Bot. 23 (1975) 849-866, 29 fig.
- TERUI, M. & Y. HARADA, *An ovaricolous smut of reeds from Japan, Neovossia danubialis Savulescu.* Trans.Mycol.Soc.Japan 15 (1974) 215-217, 3 fig.
- TEWARI, V.P. & R.S. SINGH, *Fungi from slime flux of trees.* Indian Phytopath. 28 (1975) 12-16, 2 pl., 1 tab.
Yeast spp. of Candida.
- THIND, K.S. *The Discomycetes in India.* J.Indian Bot.Soc. 53 (1974) 1-19.
General survey and discussion; no keys or descr.
- & H.S. KHARA, *The Hydnaceae of the North Western Himalayas. II-III.* Indian Phytopath. 28 (1975) 57-65, 19 fig. & 66-75, 31 fig.
- THIRUMALACHAR, M.J., F.D. KERN & B.V. PATIL, *Hiratsukamyces, a new genus of the Pucciniastreae.* Sydowia 27 (1975) 78-81, 3 fig.
Rust from India, on Salacia.
- TUBAKI, K. *Notes on the Japanese Hyphomycetes VI. Candelabrum and Beverwykella gen.nov.* Trans.Mycol.Soc.Japan 16 (1975) 132-140, 15 fig.

- *Ditto VII. Cancellidium, a new Hyphomycetes genus.*
Trans.Mycol.Soc.Japan 16 (1975) 357-360, 5 fig.
- UDAGAWA, SHUN-ICHI & K. FURUYA, *Two noteworthy Ascomycetes, Zopfiella matsushimae and Sporormiella pascua.* J.Jap. Bot. 51 (1976) 118-122, 2 fig.
- & ----- *Materials for the fungus flora of Japan (19).*
Trans.Mycol.Soc.Japan 16 (1975) 215-221, 8 fig.
5 odd species.
- & Y. HORIE, *Notes on some Japanese Ascomycetes. XIV.*
Trans.Mycol.Soc.Japan 16 (1975) 337-347, 14 fig.
6 spp. reported (2 new).
- VOLZ, P.A. *Thermotolerant fungi associated with Taiwan hot springs.* Phytologia 33 (1976) 154-163, 1 fig.
- , YUAN-CHENG HSU & CHIH-HUI LIU, *The Thraustochytriceae and other intertidal fungi of Taiwan.* Taiwania 21 (1976) 1-5, 1 fig.
- & MEI-LING PAN, *The existence of Sporothrix schenckii as a saprophyte in Taiwan.* Taiwania 21 (1976) 6-13, 1 fig.
- & KAI-WUN YEH, *Pathogenic fungi associated with Taipei pigeons.* Taiwania 21 (1976) 220-225, 1 fig.
Some 30 fungal species observed.
- WANG-YANG, JEN-RONG & MING-JOU LAI, *Notes on the lichen genus Sphaerophorus Pers. of Taiwan, with descriptions of three new species.* Taiwania 21 (1976) 83-86, 3 fig.
Key to 6 spp. (3 new).
- & ----- *Additions and corrections to the lichen flora of Taiwan.* Taiwania 21 (1976) 226-228.
- WANI, D.D. & M.J. THIRUMALACHAR, *Studies on Elsinoë and Sphaeceloma diseases of plants from Maharashtra State (India).* X. Nova Hedwigia 26 (1975) 309-315, 2 pl.
- WATANABE, T. *Fungi isolated from the underground parts of sugar cane in relation to the poor ratooning in Taiwan.* 5. Hyphomycetes. 6. Papulaspora. Trans.Mycol.Soc.Japan 16 (1975) 149-182, 15 pl. & 264-267, 14 fig.
- * WEHMEYER, L.E. *The Pyrenomycetous genera.* Mycologia Memoir 6, ed. Cramer (1975) 250 pp.
Keys to genera and families; notes on genera.
- YEN, JO-MIN, *Étude sur les champignons parasites du sud-est Asiatique. XXIV. Les Urédinées de Formose.* Rev.Mycol. 39 (1975) 251-267, 9 fig.
Records and 2 new species.

c) Bryophytes :

- CAMPBELL, E.O., K.R. MARKHAM & L.J. PORTER, *Dendroid liverworts of the order Metzgeriales in New Zealand*. New Zeal. J. Bot. 13 (1975) 593-600, 5 fig.
- CHOE, DU MUN & K. YAMADA, *Check list of Korean Hepaticae*. Misc. Bryol. et Lichen. 6 (1974) 159-161.
- DELGADILLO M., C. *Taxonomic revision of Aloina, Aloinella and Crossidium*. The Bryologist 78 (1975) 245-303, 124 fig. & maps.
Keys; descr.
- ENGEL, J.J. *Hepaticae and Anthocerotae collected by Dr. Harold E. Moore Jr, in New Caledonia, Seychelles, Mauritius and Réunion in 1972*. The Bryologist 78 (1975) 361-362.
- & R.M. SCHUSTER, *Austral Hepaticae III. Stolonophora, a new genus of Geocalycaceae*. Fieldiana Bot. 36 (1975) 111-124, 6 fig.
1 sp. in New Zealand.
- HATTORI, S. *On the status of little-known North Bornean Frullania, F. clemensiana Verd. (Hepat.)*. Misc. Bryol. et Lichen. 7 (1975) 13-14.
- *Japanese members of Frullania dilatata-complex (Hepat.)*. Misc. Bryol. et Lichen. 7 (1975) 27-29.
- *Mr. M. Togashi's collection of Frullania (Hepaticae) made in Malay Peninsula*. Bull. Nat. Sci. Mus. Tokyo ser. B Bot. 1 (1975) 109-120, 5 fig.
Records, notes; 1 n.sp.
- *Studies of the Asiatic species of the genus Porella (Hepaticae). V.* J. Hattori Bot. Lab. no. 39 (1975) 269-276, 1 fig.
- *Notes on the Asiatic species of the genus Frullania, Hepaticae. VII.* J. Hattori Bot. Lab. no. 39 (1975) 277-313, fig. 140-157.
- *Ditto. VIII.* Bull. Nat. Sci. Mus. Tokyo ser. B Bot. 1 (1975) 141-163, fig. 158-169.
Various notes; 1 n.sp.
- *A remarkable New Caledonian species of Frullania (Hepaticae)*. J. Jap. Bot. 51 (1976) 193-198, 2 fig.
- HOE, W.J. *Additional new and noteworthy records for Hawaiian mosses. 3*. The Bryologist 78 (1975) 359-360.
- INOUE, H. *Two new species of Calypogeia Raddi from Japan*. Bull. Nat. Sci. Mus. Tokyo ser. B Bot. 1 (1975) 135-140, 2 fig.

- *Notes on the Plagiochilaceae. IV. Sectio Caducilobae (sect.nov.) of the genus Plagiochila Dum.* J.Hattori Bot.Lab. no. 39 (1975) 339-343, 7 fig.
- *Ditto. V. Descriptions of some new species of Plagiochila Dum.* Bull.Nat.Sci.Mus.Tokyo ser.B Bot. 1 (1975) 83-100, fig. 1-8.
n.spp. from Borneo, New Hebrides, New Guinea, Solomons and Cuba.
- IWATSUKI, Z. & A. NOGUCHI, *Mosses of North Borneo. II.* J.Hattori Bot.Lab. no. 39 (1975) 315-333, 9 fig.
- & A.J. SHARP, *Dendrocyathophorum paradoxum and Fissidens nymanii, new to the moss flora of the Philippines.* Misc.Bryol.et Lichen. 6 (1974) 173.
- & W.C. STEERE, *Notes on the Himalayan Splachnaceae. J.* Hattori Bot.Lab. no. 39 (1975) 345-361, 8 fig.
- KITAGAWA, N. & T. KODAMA, *Two new species of Bazzania with an unusual habitat in Sabah (North Borneo).* J.Hattori Bot. Lab. no. 39 (1975) 67-70, 2 fig.
- KODAMA, T. & T. NARITA, *Some noteworthy Hepaticae from Mt. Kinabalu.* Misc.Bryol.et Lichen. 6 (1974) 171.
4 spp. mentioned.
- KUWAHARA, Y. *A recent collection of Metzgeriaceae in the eastern Himalayas.* J.Hattori Bot.Lab. no. 39 (1975) 363-371, 5 fig.
- LAI, MING-JOU, *The Hypopterygiaceae (Musci) of Taiwan.* Taiwania 21 (1976) 150-158, 1 pl.
Keys to genera and species (1 n.sp.).
- & JEN-RONG WANG-YANG, *Index Bryoflorae Formosensis.* Taiwania 21 (1976) 159-203.
Generic name list in Musci; species name list for Hepaticae.
- MANUEL, M.G. *Review of the genus Penzigiella (Bryopsida: Pterobryaceae).* The Bryologist 78 (1975) 423-430, 12 fig.
Indian monotypic genus; distr. map; synonymy; key to allied genera.
- MASCHKE, J. *Taxonomische Revision der Laubmoosgattung Myurium (Pterobryaceae).* Bryophyt.Bibl. Bd 6 (1976) 1-218, 55 Abb., 24 Karten.
Revision; key to 15 spp.; curious distribution: Macaronesia and England, then SE. Asia to Queensland.
- MILLER, H.A. *A new Fissidens from Micronesia.* Phytologia 34 (1976) 149-151, 8 fig.

- MIZUTANI, M. *Epiphyllous species of Lejeuneaceae from the Philippines*. J.Hattori Bot.Lab. no. 39 (1975) 255-262, 1 fig.
- NOGUCHI, A. *Notulae Bryologicae. IX*. J.Hattori Bot.Lab. no. 39 (1975) 335-338, 2 fig.
- OCHI, H. *Notes on moss flora (IX)*. J.Jap.Bot. 51 (1976) 65-69, 2 fig.
- PURSELL, R.A. & W.J.HOE, *Fissidens nothotaxifolius (Bryopsida: Fissidentaceae). A new species from the Hawaiian Islands*. The Bryologist 78 (1975) 476-480, 11 fig.
- ROBINSON, H. *The Mosses of Juan Fernandez Islands*. Smithson. Contr.Bot. no. 27 (1975) 1-88.
Keys and descr. of 129 spp. in 73 genera.
- ROSARIO, R.M.DEL, *Philippine liverworts. III. Calobryales and Herbertales of the Philippines*. Philip.J.Sc. 104 (1975) 7-72, 29 fig.
- SAITO, K. *A monograph of Japanese Pottiaceae (Musci)*. J.Hattori Bot.Lab. no. 39 (1975) 373-537, 57 fig.
- SCHULTZE-MOTEL, W. *Vergleichende Betrachtung über die Artenzahlen von Laubmoosfloren in Südost-Asien und Ozeanien*. Lindbergia 3 (1975) 57-59, 1 Tab.
- SCHUSTER, R.M. & H.INOUE, *Studies on Pallaviciniaceae and Al-lisoniaceae (Metzgeriales) in Japan. 1. Introduction and genus Hattorianthus, gen.nov.* Bull.Nat.Sci.Mus. Tokyo ser.B Bot. 1 (1975) 101-107, 11 fig.
N.g. and n.comb.; key to families, genera and subg.
- SCOTT, G.A.M., I.G.STONE & C.ROSSER, *The Mosses of Southern Australia*. Acad.Press Inc. London (1976) xv + 495 pp., 86 pl.
All Australian Musci catalogued; the S.Austr. treated more extensively; keys.
- SNIDER, J.A. *A revision of the genus Archidium (Musci)*. J.Hattori Bot.Lab. no. 39 (1975) 105-201, 40 pl., 8 maps.
- SRIVASTAVA, S.C. & RAM UDAR, *The genus Fossombronia Raddi in India. With a note on the Indian taxa of the family Fossombroniaceae*. Nova Hedwigia 26 (1975) 799-845, 10 pl. (1 map).
Key to species.
- & ----- *On the occurrence of Aneura pellioides (Horik.) Inoue in India*. Misc.Bryol.et Lichen. 7 (1975) 30-32, 14 fig.

- STONE, I.G. *A remarkable new moss from Queensland, Australia - Viridivellus pulchellum new genus and species (new family Viridivelleraceae)*. J.Bryol. 9 (1976) 21-31, 4 fig. 1 pl.
- STOTT, Ph.A. *A provisional and explanatory key to the moss families recorded from Thailand*. Thai For.Bull.(Bot.) no. 9 (1975) 56-61, 1 fig.
- TAKAKI, N. *Some noteworthy mosses of Papua New Guinea*. In Y. Otani (ed.), Reports Crypt. Papua New Guinea, for Nat. Sc.Mus.Tokyo (1975) 87-97, 6 fig. Records; one n.sp.
- TIXIER, P. *La notion d'espèce chez le genre Cololejeunea. Une espèce circumtropicale: C. filicaulis St.* Rev.Bryol. Lichénol. 41 (1975) 465-472, 14 fig. Variation in *C. filicaulis* Steph.
- *Contribution à l'étude du genre Cololejeunea. V. Quelques espèces de la région indo-pacifique*. Bot.Notis. 128 (1975) 524-531, 5 fig. 5 n.spp. from New Caledonia, Malaya, New Hebrides, Madagascar.
- UDAR, RAM & D.KUMAR, *Genus Cephaloxia in Eastern Himalayas (Hepat.) Geophytology 6 (1976) 35-45, 42 fig. 5 spp. (4 new)*.
- & V.NATH, *A new species of Cephaloxiella Spruce, C. magna Udar et Nath sp.nov., from Sheethylakhet, Almora (Western Himalayas), India (Hepat.) Geophytology 6 (1976) 105-107, 20 fig., 1 tab.*
- & ----- *Studies in South Indian Hepaticae: 3. Cephaloxia siamensis Kitagawa - A new record from India*. Bull. Bot.Surv.India 15 (1976) 149-151, 1 pl.
- & S.C.SRIVASTAVA, *Notes on South Indian Hepaticae. 1*. J.Bomb.Nat.Hist.Soc. 72 (1975) 401-406, 10 fig. 2 spp. discussed and figured; Jungermanniaceae.
- VĀNA, J. *The genus Anastrophyllum in New Guinea*. Misc.Bryol.et Lichen. 7 (1975) 25-27.
- *Miscellaneous notes on the Asiatic Jungermannioideae. IV*. J.Hattori Bot.Lab. no. 39 (1975) 211-214.
- WATANABE, R. *Thuidium contortulum is a new addition to the moss flora of Japan*. Misc.Bryol.et Lichen. 6 (1974) 185-186, 1 fig.
- *Three species of the genus Thuidium newly found in the Himalayas*. Misc.Bryol.et Lichen. 7 (1975) 14-16, 20 fig.

- *Thuidium sparsifolium* (Mitt.) Jaeg. and its allies from Himalayas (Musci) Misc.Bryol.et Lichen. 7 (1975) 51-52, 1 fig., 1 map.
- *WHITTIER, H.O. *Mosses of the Society Islands*. Diss. (1968) 641 pp., 75 pl., distr. maps. A Florida Techn.Univ.Book, publ. Univ.Press Florida, 15 NW 15th Street, Gainesville, Fla 32603.
- WU, PAN-CHENG, JIAN-SHING LOU & FAN-SON MEN, *A new fossil moss from Quaternary in China*. Acta Phytotax.Sin. 14 (1976) 90-93, 2 maps.
- YAMADA, K. *Notes on Frullania inflata complex from Japan*. Misc.Bryol.et Lichen. 6 (1974) 162-164.
- *Radula collection made by Dr. H.Inoue in Ceylon*. J.Jap. Bot. 50 (1975) 372-378, 1 fig. 10 spp. listed (1 new).
- *Memoranda on the type specimens of Radula taxa from the southeast Asia (2)*. J.Hattori Bot.Lab. no. 39 (1975) 71-84, 16 fig.
- YOSHIDA, L. & C.W.SMITH, *Two recent thalloid liverworts introduced to Hawaii*. Bull.Pac.Trop.Bot.Gard. 6 (1976) 18-20, 2 fig.
Lunularia cruciata and Riccia rechingeri.
- d) *Pteridophytes* :
- ABDULKADIR, S. *Sekilas uraian mengenai Azolla*. Bul.Kebun Raya 2 (1976) 171-176, 5 fig.
General; in Indonesian language.
- ALLEN, E.F. *A new tree fern from Mount Kinabalu, Sabah*. J.R. Hort.Soc. vol.C pt 1 (1975) 20-22.
Cyathea brachyphylla Holttum n.sp. to be published in Gard.Bull.Sing.
- BIR, S.S. & C.K.TRIKHA, *Cystopteris fragilis in the Western Himalayas*. Amer.Fern J. 66 (1976) 109-110, 3 fig.
- BRAITHWAITE, A.F. *Cytotaxonomic observations on some Hymenophyllaceae from the New Hebrides, Fiji and New Caledonia*. Bot.J.Linn.Soc. 71 (1975) 167-189, 2 pl., 8 fig.
- CHANDRA, P. *Genus Pronephrium Presl in India (Polypod.)* Bull. Bot.Surv.India 13 (1971) 274-281, 63 fig.; rcvd 1976. 4 new comb.; details of sporangia.
- *CHANDRASEKHAR, M.S. *The wild ferns of Madras City and its immediate neighbourhood*. Bull.Gov.Mus.Madras (Nat.Hist. Sect.) vol.VIII, no. 1 n.s. (1972) 70 pp., 25 pl.

- CHINNOCK, R.J. *The New Zealand species of Tmesipteris (Psilotaceae)*. New Zeal.J.Bot. 13 (1975) 743-768, 9 fig.
5 spp. described (one new sp., one new subsp.); key; localities.
- *Notes on Hypolepis distans Hook. and Doodia aspera R.Br. (Polypod.)* New Zeal.J.Bot. 14 (1976) 113.
- *The identification, typification and origin of Tmesipteris tannensis (Psilotaceae)*. Taxon 25 (1976) 115-121, 3 fig.
Type must have come from New Zealand, not from Tanna I.
- *----- (text) & E.HEATH (illus.), *Ferns and fern allies of New Zealand*. A.H. & A.W. Reed Ltd. Wellington (1974) 48 pp., col.illus.
Nice coloured drawings with brief descr. of 106 spp.
- CONANT, D.S. *Hybrids in American Cyatheaceae*. Rhodora 77 (1975) 441-455, 24 fig., 1 tab.
Various generic hybrids.
- DHIR, K.K. & K.S.DATTA, *Ferns of Dharamsala Hills. 2. (North western Himalayas). Families: Woodsiaceae, Aspidiaceae and Athyriaceae*. Nova Hedwigia 27 (1976) 393-424, 26 fig.
Key to genera and species.
- DIXIT, R.D. & N.C.NAIR, *Studies in Vittariaceae. I. The genus Antrophyum Kaulf. in the Indian subcontinent*. J.Indian Bot.Soc. 53 (1974) 277-287, 52 fig.
Key to species.
- & ----- *A report on Monogramma paradoxa (Fée) Bedd. in Malaya (Polypod.)* Bull.Bot.Surv.India 15 (1976) 153-155, 1 fig.
- HENNIPMAN, E. *A redefinition of the Gymnogrammoid genus Austrogramme Fournier*. Fern Gaz. 11 (1975) 61-72.
Reinstated to accommodate 5 spp. formerly referred to 3 other genera; key; 2 sections; 4 new comb.
- HOLTUM, R.E. *The genus Heterogonium Presl (Polypod.)* Kalikasan 4 (1975) 205-231.
Revision; key to 19 spp.; 4 n.spp. and some new comb.
- *Thelypteris viscosa and its allies in Malaya (Polypod.)* Mal.Nat.J. 29 (1975) 1-6.
Key to 8 spp. of Coryphopteris.
- *New records of Thelypteridaceae from the Philippines (Polypod.)* Kalikasan 5 (1976) 109-120.
Incl. n.spp., n.comb, new records.

- *Some new names in Thelypteridaceae, with comments on cytological reports relating to this family* (Polypod.) *Webbia* 30 (1976) 191-195.
15 new comb. in various genera.
- *The genus Christella Lèveillè, sect. Christella. Studies in the family Thelypteridaceae, XI* (Polypod.) *Kew Bull.* 31 (1976) 293-339.
Revision; key to 51 spp., several n.sp. and n.comb.
- *Studies in the family Thelypteridaceae. X. The genus Coryphopteris* (Polypod.) *Blumea* 23 (1976) 18-47, 1 photogr.
Revision; key to 47 spp.; n.spp. and n.comb.
- ITO, H. *Ferns of Borneo, collected by M. Hirano and M. Hotta. 7.* *Act. Phytotax. Geobot.* 26 (1975) 149-151, 1 fig.
List of *Antrophyum*, *Vaginularia* and *Vittaria* (Polypod.).
- JONES, D.L. *Hardy Ferns. The genus Pyrrosia Mirbel in Australia* (Polypod.) *Austr. Pl.* 8 (1975) 168-171.
Key to 5 spp.
- KHULLAR, S.P. *Some lesser known ferns from the Western Himalayas. 1. Cheilanthes anceps var. brevifrons* (Polypod.) *Amer. Fern J.* 66 (1976) 21-24, 4 fig.
New var. from Pradesh.
- KRAMER, K.U. & M.D. TINDALE, *The Lindsaeoid ferns of the Old World VII. Australia and New Zealand.* *Telopea* 1 (1976) 91-128, pl. 7-10.
Revision *Lindsaea* 14 spp., New Zealand 3 spp.; new section descr.
- LAI, MING-JOU, *A new name for Hymenophyllum taiwanense* DeVol. *Taiwania* 21 (1976) 82.
- LIEW, FAH-SEONG, *A list of the ferns and fern allies found in Orchid Island, E. of Taiwan.* *Taiwania* 21 (1976) 268-275, 1 map.
Botel Tobago. Name list.
- LOOSER, G. *El genero Dennstaedtia en Chile.* *Anal. Mus. Hist. Nat. Valparaiso, Chile* no. 4 (1971) 53-61, 1 fig.
- LUM KIM NAH, C.S. LOW & A.N. RAO, *Developmental morphology of Drymoglossum piloselloides* (Polypod.) *J. Sing. Nat. Ac. Sci.* 3 (1973) 253-261, 34 fig., 2 tab.
- MICKEL, J.T. *Sinephropteris, a new genus of Scolopendrioid ferns.* *Brittonia* 28 (1976) 326-328, 2 fig.
Key to related genera; n.g. based on *Scolopendrium delavayi* Kaneh.; 1 new comb.

- NAIR, N.C. *The genus Pteridium Gleditsch ex Scopoli in the Indian sub-continent* (Polypod.) Bull. Bot. Surv. India 14 (1975) 13-18.
2 spp. (or subsp.).
- & K. NAG, *A new species of Polystichum from Garhwal Himalayas*. J. Jap. Bot. 51 (1976) 138-140, 1 fig.
- NAKAIKE, T. *A contribution to the Fern Flora of New Guinea. I.* In Y. Otani (ed.), *Reports Crypt. Papua New Guinea*, for Nat. Sc. Mus. Tokyo (1975) 99-121, 27 fig., 4 distr. maps, 4 pl.
Polystichum, 8 spp. (1 new).
- *Enumeratio Pteridophytarum Japonicarum, Filicales*. Univ. Tokyo Press (1975) xii + 375 pp.; 7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-91, Japan.
Name index; full synonymy; no descr., keys, types etc. 75 new comb. partly based on monstrosities; 2 new generic names (based on infrageneric taxa) and 2 spp. comb. which are apparently superfluous, being already made by Ching.
- PACE, C.N. *The taxonomy and phytogeography of bracken, Pteridium aquilinum. A review*. Bot. J. Linn. Soc. 73 (1976) 1-34.
- PANIGRAHI, G. *The genus Pityrogramma (Hemionitidaceae) in Asia*. Kew Bull. 30 (1975) 657-667.
Key to 4 spp. introduced in Asia, several of which also in Malesia.
- PARRIS, B.S. *Ecology and biogeography of New Zealand Pteridophytes*. Fern Gaz. 11 (1976) 231-245, 5 fig. & map, 3 tab.
Plant-geographical affinities and habitats.
- & D. R. GIVEN, *A taxonomic revision of the genus Grammitis Sw. (Grammitidaceae: Filicales) in New Zealand*. New Zeal. J. Bot. 14 (1976) 85-111, 9 maps.
Key to 9 spp.
- SHARMA, O.P. & T. N. BHARDWAJA, *Selaginella in Rajasthan, India*. Fern Gaz. 11 (1976) 268.
S. repanda (Desv.) Spring.
- TAGAWA, M. *The collection of Pteridophyta made in North Borneo by the Osaka City University Fifth Scientific Expedition to Southeast Asia III*. Acta Phytotax. Geobot. 27 (1976) 137-142. — Name list.
- TEWARI, R.B. *Pteridophytic flora of Lucknow District (U.P.)*. Bull. Bot. Surv. India 15 (1976) 129-130.
Species listed.

e) *Spermatophytes & General subjects* :

- ALMEIDA, M.R. *A new species of Poaceae (= Gramineae), from Karnataka.* J.Bomb.Nat.Hist.Soc. 72 (1976) 813-814, 1 pl.
Capillipedium magdalenii.
- ANDERSON, J.A.R. *Illipe nuts (Shorea spp.) as potential agricultural crops*, p. 217-230 in Williams e.a., SE. Asian plant genetic resources (1975).
 Eleven main species named, with chromosomes. Nuts contain 51.6% fat (analysed), + 6% protein. Windfall crop after mass flowering, the export value in 1954 and 1959 exceeded that of round timber in Sarawak; statistics given. Plantation results given. Advantages and disadvantages compared. References 18.—M.J.
- & J.MULLER, *Palynological study of a Holocene peat and a Miocene coal deposit from NW. Borneo.* Rev.Palaeobot. & Palyn. 19 (1975) 291-351, 2 pl., 4 fig.
- * ANONYMUS, *Papua New Guinea Gazetteer 1974.* Publ. by The Papua New Guinea Place Names Committee.
 Latitude and longitude of place names. Most convenient for mapping localities.
- * ANONYMUS, *Underexploited tropical plants with promising economic value.* Commission on International Relations (JH 215), National Acad.Sci. Washington, D.C. (1975) ix + 188 pp., illus.
 Plant species (36) of locally known use and wider potential, as food, forage, or raw material, intended to complement current crops in developing countries. Several can stand drought or salinity. Most of the species New World, selection democratic by ad hoc panel. Brief text, photographs, references.
- ANONYMUS, *Studies on Chinese Dioscorea sect. Stenophora Pr. et Burk. and their chromosome numbers.* Research Group of Dioscorea, Kiangsu Inst. Bot., in Acta Phytotax.Sin. 14 (1976) 65-72, 3 fig.
 Key to a number of species; 2 n.spp.
- ANSARI, M.Y. *Ceropegia vincaefolia Hook. (Asclep.) from Maharashtra - Its history and identity.* Bull.Bot.Surv.India 13 (1971) 187-191, 1 fig., 1 pl.; rcvd 1976.
- & K.HEMADRI, *Seshagiria Ansari et Hemadri (Asclep.) from Maharashtra State, India - Additional data.* Bull. Bot.Surv.India 13 (1971) 357-358, 1 pl.; rcvd 1976.

- & R.S.RAO, *Iphigenia stellata* Blatter (Liliac.) - its identity and economic importance. Bull.Bot.Surv.India 15 (1976) 118-122, 1 pl., 1 fig., 1 tab.
6 spp., characters tabulated.
- APLIN, T.E.H. *The vegetation of Western Australia*. Official Year Book of W.Austr. no. 14 n.s. (Nov. 1975) 66-81, 1 fig., 1 map.
General characteristics of provinces and districts; conservation.
- *Poisonous garden plants and other plants harmful to man in Australia*. W.Austr.Dept.Agric. Bull. 3964 (May 1976) 1-58, 60 fig.
- *Cyanogenetic plants of Western Australia*. W.Austr.Dept. Agric. Bull. 3967 (1976) 1-14, 15 fig.
Arranged by family.
- *Plants in Australia which when eaten produce photosensitization in livestock*. W.Austr.Dept.Agric. Bull. 3980 (1976) 1-13, 8 fig.
- ARGENT, G.C.G. *The wild bananas of Papua New Guinea*. Notes R. Bot.Gard.Edinb. 35 (1976) 77-114, 19 fig. partly distr. maps.
Ensete glaucum (Musac.); key to 9 spp. of Musa; 2 hybrids; key to 4 subsp. of Musa maclayi; 2 n.spp.
- ARORA, C.M. *Habenaria dentata* (Sw.) Schltr., a new record for India from Western Himalaya (Orch.) Bull.Bot.Surv.India 14 (1975) 155-156, 5 fig.
- *New records of some orchids from western Himalaya*. IV. Bull.Bot.Surv.India 14 (1975) 173-175, 4 fig.
- ASAI, Y. *On Gomphrena celosioides* Martius as a casual alien in Honshu, central Japan (Amaranth.) J.Jap.Bot. 51 (1976) 77-78, 2 fig.
- ASHTON, P.S. *An approach to the study of breeding systems, population structure and taxonomy of tropical trees*, p. 35-42 in Burley & Styles, *Tropical trees* (1976).
The project in Malaya (see p. 2567-2569).
- *Factors affecting the development and conservation of tree genetic resources in South-east Asia*, p. 189-198 in Burley & Styles, *Tropical trees* (1976).
Eleven levels of resource utilization for the region are identified, with declining species diversity from primary forest to wet rice. Tree crops figure at several of these levels; their product is related to their life span. Important genera are named, 36 in number,

with different prospects for genetic work in 3 categories. Floristic diversity in west Malesian rain forest is greatest on soils with 40-150 parts per million of Phosphorus, declining above and below this level. Spatial diversity too is phosphorus-correlated. Soil diversity means a future for fruit trees. Criteria for conservation of areas considered.—M.J.

- ASWAL, B.S. *A note on Urtica urens Linn.* (Urtic.) Bull. Bot. Surv. India 14 (1975) 169-170.
- AUBREVILLE, A. *A propos des travaux palynologiques de D. Lobreau-Callen sur l'ordre des Célastrales.* Adansonia ser. 2, 15 (1975) 171-175, 2 pl.: maps.
- *Essai d'interprétation nouvelle de la distribution des Diptérocarpacées.* Adansonia ser. 2, 16 (1976) 205-210. Because of fossils of Dipteroocarpaceae in NE. Africa Tertiary India is assumed to have been situated between Somaliland and Seychelles to S. Madagascar. There were two independent (biphyletic) centres, one Europe-African and one beyond the Tethys in Indo-Malesia.
- AULD, B.A. & P.M. MARTIN, *Morphology and distribution of Bassia birchii (F. Muell.) F. Muell.* (Chenop.) Proc. Linn. Soc. N.S.W. 100 (1976) 167-178, 3 fig., 1 pl.
- BABU, C.R. & N.C. MAJUMDAR, *Taxonomical notes on Cleome aspera Koen. ex DC., C. burmanni Wt. & Arn. and C. rutidosperma DC.* (Cappar.) J. Bomb. Nat. Hist. Soc. 71 (1976) 629-632.
- BAHADUR, K.N. *A name change for Quercus incana Roxb. is inevitable* (Fagac.) Indian For. 101 (1975) 99-102. Now proposed *Quercus leucotrichophora* Camus.
- BAKER, H.G. "Mistake" pollination as a reproductive system with special reference to the Caricaceae, p. 161-169 in Burley & Styles, *Tropical trees* (1976). Unintended pollination is also claimed for Sarcococca, Stelechocarpus burahol, and tropical Fagaceae.—M.J.
- BAKER, K. & S. ALLEN, *Hybrid Hibiscadelphus (Malvaceae) from Hawaii.* Phytologia 33 (1976) 276.
- BAKHUIZEN VAN DEN BRINK Jr, R.C. *A synoptical key to the genera of the Rubiaceae of Thailand.* Thai For. Bull. (Bot.) no. 9 (1975) 15-55. Key to 71 generic names. — Reviewed on page 2856.
- BAKSI, S.K. *Pollen morphology of the genera Gluta Linnaeus and Melanorrhoea Wallich (Anacardiaceae),* p. 379-405, 2 fig., 8 pl., in Ferguson & Muller, *Exine* (1976). Both genera are Malesian-centered. Most of the species

were examined in detail. Obscure why related genera like *Swintonia* were disregarded; this makes their mutual comparison less convincing. Dr. Ding Hou will comment on the paper in forthcoming *Blumea* and *Flora Malesiana*.—M.J.

- BALAKRISHNAN, N.P. *Senecio jowaiensis* Balakr. (Asteraceae) — A new species from Meghalaya, India. *Indian For.* 101 (1975) 703-705, 1 fig.
- *Cyrtandra* and *Cyrtandromoea* on the Nicobar Islands, India. *Notes R.Bot.Gard.Edinb.* 35 (1976) 115-120, 2 fig.
1 new *Cyrtandra* (Gesn.); new comb. in *Cyrtandromoea* (Scroph.).
- *Studies in Indian Euphorbiaceae. V: The genus Chrozophora* Neck. *Bull.Bot.Surv.India* 15 (1976) 1-7.
- BALGOOY, M.M.J.VAN, A note on *Aceratium ferrugineum* C.T.White (Elaeocarp.) *Blumea* 23 (1976) 49-50, 1 fig.
Additional information.
- *Phytogeography*, p. 1-22 in Paijmans, New Guinea vegetation (1976). — Reviewed on page 2873.
- BANAAG, J.F. *Vegetational composition and association in a mangrove forest ecosystem in Puerto Galera, oriental Mindoro.* *Natur.Appl.Sci.Bull.Univ.Philip.* 24 (1972) 1-39, 6 fig., 11 tab.
Mangroves comprise in Philippines c. 425,000 ha. Two transects studied; poor stands obviously degraded; salinity, Ph etc., humidity, soils examined.
- BANERJEE, L.K. & G.C.DAS, *New distributional records from Orissa coast.* *Bull.Bot.Surv.India* 14 (1975) 184-186.
- BANERJEE, R.N. *Generic delimitation in Indian Araliaceae.* *Bull.Bot.Soc.Beng.* 26(1) (1972) 77-78.
Key to genera.
- BANERJEE, S.P. & R.N.BANERJEE, *A taxonomic revision of Indian *Microula* Benth. (Boragin.)* *Bull.Bot.Surv.India* 15 (1976) 71-75.
- BASAK, R.K. *Neotype of *Utricularia polygaloides* Edgeworth from India (Lentib.)* *Taxon* 25 (1976) 189.
- *The bibliography on the flora and vegetation of Bengal with an introductory note.* *Bull.Bot.Surv.India* 15 (1976) 22-38.
- BASU, N.C. & S.BOSE, *Variations in the floral organs of *Malachra capitata* L. (Malv.)* *Bull.Bot.Surv.India* 14 (1975) 159-162, 4 tab.

- BASU, S.K. *A note on Asraoa triandra (Palmae)*. Principes 20 (1976) 119-120.
Reduced to *Wallichia triandra* (Basu) comb. nov.
- BATES, R. & J. WEBER, *A critical revision of some South Australian native orchids*. The Orchadian 5 (1976) 56-57.
- BEARD, J.S. *The monsoon forests of the Admiralty Gulf, Western Australia*. Vegetatio 31 (1976) 177-192, 7 fig., 2 tab.
Descr. of climate and vegetation; species listed.
- BENL, G. *Ptilotus gardneri Benl sp. nov.* (Amaranth.) Nuytsia 2 (1976) 93-95, 2 fig.
- *Ein neuer Ptilotus aus Queensland* (Amaranth.) Mitt. Bot. München 12 (1976) 335-340, 1 fig.
- BENNET, S.S.R. & K.C. SAHNI, *A note on the name Holigarna grahamii* (Anacard.) Indian For. 102 (1976) 89.
- BHANDARI, M.M. *Neotype of Farsetia macrantha Blatt. & Hallb.* (Cruc.) J. Bomb. Nat. Hist. Soc. 72 (1975) 604-606, 1 pl.
- BHARUCHA, F.R. *Fifty years of ecological and phytosociological research in India*. Vegetatio 30 (1975) 153-155.
- BHAT, J.L. & S. KUMAR, *A note on the distribution of Spergularia rubra (Linn.) J. & C. Presl* (Caryoph.) Bull. Bot. Surv. India 15 (1976) 125-126, 1 fig.
- BHATTACHARYA (née MUKHERJEE), B. *Lolium remotum Schrank var. aristatum (Doell) Aschers.* (Poaceae) - A new record for India. Curr. Sci. 45 (1976) 277.
- BHATTACHARYYA, P.K. *Gmelina asiatica L. (= Gmelina parvifolia Roxb.) in Bengal* (Verb.) Bull. Bot. Soc. Beng. 28 (1974) 101-102, 3 fig.
Variability.
- BHATTACHARYYA, U.C. *A new species of Argyrolobium (Papilionaceae) from N.W. Himalaya*. Bull. Bot. Surv. India 14 (1975) 175-177, 1 pl.
- BISWAS, S.N. *Notes on Cratoxylum formosum ssp. pruniflorum (Kurz) Gog.* (Hyper.) Bull. Bot. Surv. India 15 (1976) 167-169, 1 fig.
- * BLACKALL, W.E. & B.J. GRIEVE, *How to know Western Australian Wildflowers. Parts I, II & III*. Western Australia Univ. Press (1974) cxviii + 595 pp., many text-fig., map.
The three parts of the authors' Flora (1954, 1956, and 1965) now published in one volume.
- * BLASCO, F. *Les Mangroves de l'Inde. The mangroves of India*. Inst. Fr. Pondichéry, Trav. Sec. Sci. Techn. 14, fasc. 1 (1975) 1-175, 30 fig. & maps, tab., 14 pl.

Map of India where mangrove occurs. Transects at various places with descr. of vegetation degradation stages Correlation with tides, soils, and climate. Obviously no clear distinction is made with species of the Barringtonia formation. Text in French and English.

BLAXELL, D.F. *The status of Schlechter's specimens of Orchidaceae held at the National Herbarium of New South Wales. 2. New Caledonia, Celebes, Borneo, Sumatra.* *Teloepa* 1 (1975) 49-54.

----- *Angophora hispida*, a new name for *A. cordifolia* (Myrt.)
- Kew Bull. 31 (1976) 272.

* BLEEKER, P. *Explanatory notes to the Land limitation and agricultural land use potential map of Papua New Guinea* (1975) — Reviewed on page 2856.

BODEGOM, J.VAN, *Orchideeën van Nieuw-Guinea. Vandopsis muel-leri Kränzlin.* *Orchideeën* 32 (April 1970) 26-27, 1 photogr.; in Dutch.

----- *Orchideeën van West Nieuw-Guinea.* *Orchideeën* 32 (Aug. 1970) 78-79, 3 photogr.; in Dutch.
Dendrobium conanthum Schltr.

BOGNER, J. *Eine neue Thomsonia-Art (Araceae) aus Thailand.* *Plant Syst. Evol.* 125 (1976) 15-20, 2 Abb.
T. sumawongii Bogner, n.sp.

BOITEAU, P., L. ALLORGE & T. SÉVENET, *Révision des Rauvolfia de Nouvelle-Calédonie* (Apoc.) *Adansonia* ser. 2, 16 (1976) 51-60, 3 pl.
Podochrosia is a galled *Rauvolfia*; key to 4 spp. (2 new).

----- , ----- & ----- *Les Melodinus de Nouvelle-Calédonie* (Apoc.) *Adansonia* ser. 2, 15 (1976) 397-407, 3 pl.
Key to 12 spp. (4 new, 2 new var.).

BOONKIRD, K. *Pontederiaceae.* *Thai For. Bull. (Bot.)* no. 9 (1975) 12-14.

BROOKER, M.I.H. *Six new taxa of Eucalyptus from Western Australia.* *Nuytsia* 2 (1976) 103-117, 9 fig. (3 maps).

BRUNE, A. & G.H. MELCHIOR, *Ecological and genetical factors affecting exploitation and conservation of forests in Brazil and Venezuela*, p. 203-215 in Burley & Styles, *Tropical trees* (1976).
Interesting for a comparison, supported by many facts, with the Malesian situation.—M.J.

* BRUNIG, E.F. *Ecological studies in the kerangas forests of Sarawak and Brunei* (1974) — Reviewed on page 2857.

- BURKART, A. *A monograph of the genus Prosopis (Leguminosae subfam. Mimosoideae) (to be concluded)*. J. Arn. Arb. 57 (1976) 219-249, 1 tab.
Infrageneric classification; name census; tentative key to all species; species names listed for all countries.
- *BURLEY, J. & B.T. STYLES (ed.), *Tropical trees. Variation, breeding and conservation* (1976) — Reviewed on page 2859.
- CAMBRIDGE, M.L. *Seagrasses of South-western Australia with special reference to the ecology of Posidonia australis Hook. f. in a polluted environment*. Aquatic Bot. 1- (1975) 149-161, 3 fig.
- CARLQUIST, S. *New species of Stylidium, and notes on Stylidiaceae from Southwestern Australia*. Aliso 8 (1976) 447-463, 30 fig.
3 new spp. and notes.
- *Alexgeorgea, a bizarre new genus of Restionaceae from Western Australia*. Austr. J. Bot. 24 (1976) 281-295, 32 fig.
- CAROLIN, R.C. & K.L. WILSON, *Preparation of botanical taxonomic papers*. Taxon. Publ. Committee-ASBS (1976) 11 pp. stencilled.
Guide lines for technical taxonomical papers prepared for discussion.
- CARR, D.J. & S.G.M. CARR, *Two sympatric, sibling species of Eucalyptus from the West Coast of Western Australia*. R. Soc. Vict. Proc. 88 (1976) 1-13, 7 fig. & map.
2 n. spp.
- CARR, S.G.M. & D.J. CARR, *Identification of a Eucalypt fragment, based on anatomy of leaf and stem*. Proc. R. Soc. Vict. 88 (1976) 77-82, 2 fig., 4 pl.
- CARRICK, J. *Grevillea parallelinervis (Proteaceae), a new species from South Australia*. Contr. Herb. Austr. no. 15 (1976) 7 pp., 3 fig., 1 tab.
- CHAI, P.P.K. *Mangrove forests in Sarawak*. Malays. For. 38 (1975) 108-134, 15 pl.
Brief account; 9 major subtypes and 7 minor subtypes described. List of mangrove species.
- *The mangrove trees and shrubs of Sarawak*. Malays. For. 38 (1975) 187-208.
Kew and brief description.
- *Ethnobotany. I. Sarawak* Mus. J. 23 (1975) 37-51.
10 spp. each with a figure and brief description, with ethnobotanical notes.

- CHAKRABARTI, A. *Identity of Anacolosa griffithii* Mast. from Andamans (Olac.) Bull.Bot.Surv.India 14 (1975) 171-172.
= *A. puberula*.
- CHANDRABOSE, M. *Notes on unknown fruits and seeds of some plants from South India*. Bull.Bot.Surv.India 14 (1975) 158-159, 3 fig.
3 spp.
- & B.V.SHETTY, *A new species of Rhynchosia Lour. (Papilionaceae) from South India*. Bull.Bot.Surv.India 15 (1976) 139-141, 15 fig.
- CHANG, C.E. *Notes on the Lauraceae of Asia*. Nation.Sci.Counc. Monthly 3 (1975) no. 11, p. 64-70, 2 fig.
Incl. 2 n.spp. of *Litsea*.
- * CHAPMAN, V.J. *Mangrove Vegetation*. J.Cramer, Fl.9490 Vaduz (1976) viii + 447 pp., 298 fig. & maps, 81 tab.
A detailed handbook.
- CHEN, Sh.S.C. & MING-JOU LAI, *A synopsis of the Formosan plants*. Taiwania 21 (1976) 87-122.
Name list of genera by families.
- CHINNOCK, R.J. *Studies in Disphyma - a genus related to Mesembryanthemum*. 2. *Infraspecific subdivision of Disphyma australe and notes on the Australian species of Disphyma* (Aizoac.) New Zeal.J.Bot. 14 (1976) 77-78, 1 fig.
2 spp. (1 new comb.) and 1 n.subsp. on Kermadec.
- CHOW, K.H. *Morphology and ecology of some wild herbaceous legumes in Singapore*. J.Sing.Nat.Ac.Sci. 5 (1976) 20-30, 12 pl.
Descr. of 12 common Papilionaceae; weeds or cultivated.
- * CHOWDHURY, K.A. *Abies and Picea* (Conif.) Botanical Monographs 9; Publ. & Inf. Dir., Counc. Sci. & Indust. Res. New Delhi (1974) viii + 46 pp., 41 text-fig.
Not seen.
- CHOWDHURY, S. & S.N. BARUAH, *Camarotis obtusa* Lindl. in Nowgong District, Assam (Orch.) Indian For. 102 (1976) 614-616, 9 fig.
- COCKBURN, P.F. *Phenology of Dipterocarps in Sabah*. Malays.For. 38 (1975) 160-170, 7 tab.
Causes of 'seed-years'.
- * ----- *Trees of Sabah*. Vol. 1. Sabah For. Record no. 10 (1976) xv + 261 pp., 54 fig., 16 pl.; Borneo Literature Bur., Jalan Tun Haji Openg, Kuching, Malaysia, M\$ 15.
Rather good and very cheap; 22 families dealt with, most of which were in Fl. Males. except Legum. & Sterc.

- *CORNER, E.J.H. *The Seeds of Dicotyledons. Vol. I-II (Atlas)*. Cambridge Univ. Press (1976) ix + 311 pp.
A beautifully illustrated handbook with much new anatomical detail and in the introduction many new ideas about affinities of families and genera. — Reviewed on page 2859.
- *The climbing species of Ficus: derivation and evolution*. Phil. Trans. R. Soc. Lond. B 273 (1976) 359-386, fig. 18.
Climbers arose independently in three groups of *Ficus*. In subg. *Urostigma* and subsect. *Palaeomorpha* strangling habit was modified into epiphytic climbing. In sect. *Rhizocladus* and sect. *Kalosyce* is ground-based root-climbing with evolution of bathyphylls. In ser. *Caricae* and *Podosycae* climbing derived from modification of the pachycaul tree. Stranglers apart, fig-climbers appear an Indo-Malesian distinction. *Ficus rhopalosycea* Diels is redescribed. It was formerly merged into *F. scratchleyana* King as a variety.
- *A new species of Parartocarpus Baillon (Morac.) Gard.* Bull. Sing. 28 (1976) 183-190, 4 fig.
From North Borneo and Sarawak.
- CRAVEN, L.A. *A review of the genus Plantago L. in New Guinea*. Contr. Herb. Austr. no. 13 (1976) 7 pp., 1 fig.
Key to 8 spp.; identification list.
- CRISP, M.D. *Rediscovery of Acacia barattensis J.M. Black (Mimosaceae) in South Australia*. Trans. R. Soc. S. Austr. 100 (1976) 117-120, 1 fig.
- DANIELS, J. e.a. *The origin of sugarcane and centres of genetic diversity in Saccharum*, p. 91-102 in Williams e.a., SE. Asian plant genetic resources (1975).
S. spontaneum, *robustum*, and *sanguineum* most important wild relatives, also *Miscanthus*, *Sclerostachya fallax* and *Spodiopogon beccarii*. Chromosomes. Four areas for germplasm: New Guinea (areas named in detail), India-Burma - China, China - Japan, Africa - Mediterranean. References 47.—M.J.
- DAVIDSON, J. *A description of Eucalyptus deglupta (Myrtac.)* P.N.G. Trop. For. Research Note sr. 7 (Nov. 1973) 1-23, 14 fig. & map.
- *Conservation of the gene resources of tropical Eucalyptus deglupta (Myrtac.)* P.N.G. Trop. For. Research Note sr. 12 (Dec. 1973) 10 + xi pp., 7 fig. & map.

- DAWSON, J.W. *Pacific Capsular Myrtaceae XI. Redefinition of *Metrosideros* Banks ex Gaertn. and definition of infra-generic categories.* Blumea 23 (1976) 7-11.
Mearnsia reduced to subgeneric level; new comb.; new subdivision of *Metrosideros*.
- DEB, D.B. & S. DASGUPTA, *New taxa of the genus *Dipcadi* Medik. (Liliac.)* J. Bomb. Nat. Hist. Soc. 72 (1976) 822-824, 2 pl. 1 n.sp., 1 n.var.
- DeBUHR, L.E. *Two new species of *Drosera* from Western Australia.* Aliso 8 (1975) 263-271, 1 fig., 12 photogr.
- DEGENERs & SUNADAs, **Argyroxiphium kauense*, the Kau Silver-sword.* Phytologia 33 (1976) 173-177, 3 photogr.
- DE LAUBENFELS, D.J. *The genus *Dacrydium* in Malaya (Gymnospermae)* Blumea 23 (1976) 97-98.
n.sp. from Malaya and Sumatra.
- DEORI, N.C. & C.L. MALHOTRA, **Porpax meirax* (Par. et Reichb. f.) K. & P. (Orchidaceae). First report of its occurrence in India.* Indian For. 101 (1975) 689-691, 1 fig.
Known from Malaya and other SE. Asian trop. countries.
- DRANSFIELD, J. *A short guide to the rattans.* BIOTROP (1974) 69 pp., stencilled. See p. 2789.
- *Variegated Pinangas.* Principes 18 (1974) 22-24, 4 fig.
P. densiflora (seedlings photographed) and 3 others, in Bogor Garden.
- *New light on *Areca langloisiana*.* Principes 18 (1974) 51-57, 4 fig.
Is *A. vestiaria* of Celebes, Moluccas.
- *Notes on *Caryota* no Becc. and other Malesian *Caryota* species.* Principes 18 (1974) 87-93, 3 fig.
From Samarinda, flowered in Bogor after 16 years.
- *A remarkable new *Nenga* from Sumatra.* Principes 19 (1975) 27-35, 7 fig.
N. gajah, from Bengkulu and Bk. Tinggi, arecoid.
- *Terminal flowering in *Daemonorops*.* Principes 20 (1976) 29-32, 1 fig.
In a Malayan-Sumatran sp. *D. calicarpa* (Griff.) Mart.
- *Palms in the everyday life of West Indonesia.* Principes 20 (1976) 39-47, 11 fig.
Partly ethnobotanic.
- *A note on the habitat of *Pigafetta filaris* in North Celebes.* Principes 20 (1976) 48.
Sometimes very large; pioneer qualities.

- *Palm sugar in East Madura*. *Principes* 20 (1976) 83-90, 11 fig.
- *Gunung Halimun and its importance in Java*. *Indonesian Circle, Newsletter* 7 (1976) 15-17.
- DRENTH, E. *Taccaceae*. *Fl. Males.* i 7 (1976) 806-819, fig. 1-11.
- DRURY, D.G. *A comparison of Senecio kirkii (New Zealand) and Senecio insularis (Lord Howe Island) with Senecios endemic to the Island of St Helena*. *New Zeal. J. Bot.* 13 (1975) 769-780, 2 fig.
- DUBOIS, M.P. *Lew plantes de la forêt de Mare, îles Loyauté, Nouvelle-Calédonie*. *J. Bot. appl.* no. 6-7 (1972) 249-252.
Plant list; history of exploration.
- DUNLOP, C.R., P.K. LATZ & J.R. MACONOCHIE, *A botanical survey of Elcho Island, July 1975*. *North. Terr. Bot. Bull.* no. 1 (1976) 1-61, map, mimeographed.
Near coast of N. Terr., 135°30'-50' E, 11°45'-12° S. Introduction on ecology; species list by families; 310 spp. Includes several new records for N. Terr.
- *EAGLE, A. *Trees and shrubs of New Zealand in colour. Two hundred and twenty-eight botanical paintings*. Collins, Auckland (1975), \$ 50.
Superb drawings; a few climbers included; with few exceptions a page devoted to one species, habit nat. size; details enlarged; included are several very rare plants; text is very restricted. Beautiful but very expensive.
- EDER, J.F. *Caloric returns to food collecting in a Philippine monsoon forest*. *Borneo Res. Bull.* 8 (1976) 13-16.
Data on yams (*Dioscorea* spp.) among the Batak people of Palawan.
- EDGAR, E. *Australasian Luzula (Juncac.)* *New Zeal. J. Bot.* 13 (1975) 781-802, 3 tab.
Key; descr., 15 spp. + subspp.; 2 n.spp., 2 n.comb., n.subsp.
- ELDRIDGE, K.G. *Breeding systems, variation and genetic improvement of tropical eucalypts*, p. 101-108 in Burley & Styles, *Tropical trees* (1976).
Species: *Eucalyptus camaldulensis*, *deglupta*, *grandis*, *tereticornis*, *urophylla*, from Mindanao to Australia.
Notes on pollination and breeding. Lack of knowledge easily leads to failures.—M.J.
- ELLIS, J.L. & M.S. SWAMINATHAN, *Notes on some interesting plants from South India. III*. *J. Bomb. Nat. Hist. Soc.* 72 (1975) 230-236, 1 photogr.

Flowering dates of *Strobilanthes*, but useless; arboreal habit in *Cissus vitiginea* L.

EUSSEN, J.H.H., S.SLAMET & D.SOEROTO, *Competition between alang-alang (Imperata cylindrica (L.) Beauv.) and some crop plants*. BIOTROP Bull. no. 10 (1976) 3-24, 15 fig., 2 tab.

Experiments; probably partly allelopathic.

FERGUSON, I.K. *Melaleuca subfalcata* (Myrtac.) Curtis Bot.Mag. n.s. 181 (1976) t. 724.

*----- & J.MULLER (ed.), *The evolutionary significance of the exine* (1976). — Reviewed on page 2861.

FLEMING, C.A. *New Zealand as a minor source of terrestrial plants and animals in the Pacific*. Tuatara 22 (1976) 30-37, 4 maps.

Exchanges in the past with Pacific and Australia vice versa.

*FLETCHER, H.R. *A quest of flowers* (1975), reviewed on p. 2622. The disappointment, expressed in this review about the inaccessibility of the facts in this book about the Ludlow & Sherriff expeditions, turned to joy on seeing the later paper where just this want was supplied by Dr. W.T.Stearn; see there.—M.J.

FORD, E. (ed.), *Papua New Guinea Resource Atlas*, 56 pp., Jacaranda Press, 37 Little Bourke Street, Melbourne (1974). Format c. 50 by 40 cm. Price unknown.

Seems an enlarged and coloured edition of the small black/white atlas by Ward & Lea (see p. 2232).

FOSBERG, F.R. *Status of the name Chloris barbata (L.) Swartz* (Gram.) Taxon 25 (1976) 176-178.

Syn. of *Chloris barbata* and *Chloris inflata*.

----- *Ipomoea indica taxonomy; a tangle of morning glories* (Conv.) Bot.Notis. 129 (1976) 35-38.

In defence of the combination *Ipomoea indica* (Burm.f.) Merr. This is done by the protologue added by Burman f. to Rumphius's original description. To us this seems useless since this protologue does not change the fact that the Rumphian description, which is the type, remains enigmatic. Thus we keep to the nomenclature followed by Verdcourt and van Ooststroom in retaining *I. acuminata* (Vahl) Steud. for the species.

----- & M.-H.SACHET, *Noteworthy Micronesian Plants*. 2. *Micronesica* 11 (1975) 81-84.

Distr. records.

- & ----- *Flora of Micronesia. 1. Gymnospermae.* Smithson. Contr.Bot. no. 20 (1975) 1-15, 1 map.
Keys; descr.
- & ----- *Polynesian Plant Studies 1-5.* Smithson.Contr. Bot. no. 21 (1975) 1-25.
Vaccinium, Myrsine, Geniostoma, Ipomoea. Annotations to the Hawaiian flora: amongst others Plantago, with key.
- FRANKEL, O. *Genetic conservation - why and how*, p. 16-32 in Williams e.a., SE. Asian plant genetic resources (1975). Changes in attitudes. Genetic diversity as adaptation to local conditions, and defence against adversity. Need for exploration and collection. Seed preservation. Danger of genetic erosion in SE. Asia. Broad, positive view; good plans are needed.—M.J.
- FRIEDMANN, F. & Th. CADET, *Observations sur l'hétérophylle dans les Îles Mascareignes.* Adansonia ser.2, 15 (1976) 423-440, 4 pl.
Morphologically instructive phenotypic variability.
- FRIEDRICH, W.L. & F. STRAUCH, *Der Arillus der Gattung Musa.* Bot. Notis. 128 (1975) 339-349, 4 pl.
Aril consists of simple trichomes embedded in mucilage.
- FUJITA, N. *The genus Hosta (Liliaceae) in Japan.* Acta Phytotax. Geobot. 27 (1976) 66-96, 10 fig. & maps.
Revision; some new var.; in Japanese.
- FUKUOKA, N. *Notes on the Caprifoliaceae of Indochina and Thailand.* Acta Phytotax. Geobot. 27 (1976) 157-162, 2 fig.
Some spp. new, Viburnum, Lonicera.
- GALBRAITH, J. *New Australian plant for Victoria. Formerly known only from the Blue Mountains NSW, Dampiera scottiana was believed to be extinct.* Vict. Nat. 93 (1976) 161.
- GARNOCK-JONES, P.J. *Hebe rapensis (F. Brown) Garnock-Jones comb. nov. and its relationships.* New Zeal. J. Bot. 14 (1976) 79-83, 1 fig., 2 tab.
- GHAZANFAR, S. *Punicaceae.* Fl. W. Pak. 102 (1976) 1-3, 1 fig.
- *Sonneratiaceae.* Fl. W. Pak. 103 (1976) 4-5.
S. caseolaris (L.) Engl.
- GILLETT, G.W. *The diversity and history of Polynesian Bidens, section Campylothecha (Comp.)* Univ. Haw., H.L. Lyon Arb. Lecture no. 6 (1975) 1-32, 18 fig.
Many hybrids.

- GORMAN, M.L. & S.SIWATIBU, *The status of Neoveitchia storckii* (Wendl): a species of palm tree endemic to the Fijian island of Viti Levu. Biol.Conserv. 8 (1975) 73-76, map. On 2 hectares are still 150-200 individuals; seedlings can be transplanted.
- GOVINDAPPA, D.A. & G.R.SHIVAMURTHY, *The pollination mechanism in Balanophora abbreviata* Blume. Ann.Bot. 39 (1975) 977-978, 1 pl.
Bees visit inflorescence and collect pollen; ♀ flowers produce sugary liquid.
- GOVINDARAJALU, E. *Studies in Cyperaceae. XIV. Endomorphic evidences for placing Cyperus hyalinus under the new subgenus Queenslandiella*. Reinwardtia 9 (1975) 187-195, 3 fig.
- & J.RAYNAL, *Notes Cypérologiques: 28. Compléments sur le genre Rikliella* J.Rayn. Adansonia ser.2, 16 (1976) 219-224, 2 fig.
4th Australian species; key to the species.
- GRAHAM, D.K.F. *An Australian orchid, Cryptostylis subulata* (Labill.) Reichb. f., in northern New Zealand. New Zeal.J.Bot. 14 (1976) 275-277, 2 fig.
- GRAU, J. *Podocoma and Vittadinia - Zwei vermeintlich bikontinentale Gattungen* (Comp.) Mitt.Bot.München 12 (1975) 181-194, 4 pl.
Vittadinia remains a Papuan-Australasian genus; the species recorded from South America belongs to a separate genus Microgyne Less. non Cass. and is renamed Microgynella. The single Australian species of the otherwise S.American genus Podocoma belongs to the Australian genus Ixiochlamys. The two genera are hence not to be considered as bicontinental.
- GRAY, B. *Size-composition and regeneration of Araucaria stands in New Guinea*. J.Ecol. 63 (1975) 273-289, 5 fig., 4 tab., 2 pl.
Regeneration; associates; *A. hunsteinii* recorded to a maximal height of 88.9 m.
- GRAY, M. *Miscellaneous notes on Australian plants. 2. Chrysanthemoides* (Compositae). Contr.Herb.Austr. no. 16 (1976) 5 pp.
A South African introduction.
- GREAR, J.W. & N.C.DENGLER, *The seed appendage of Eriosema*. Brittonia 28 (1976) 281-288, 24 fig.
Detail distinction with Rhynchosia; discussion of the terms strophiola, carunculus, and aril.

- GREMMEN, N.J.M. *De subantarctische eilanden Marion en Prince Edward*. Vakblad voor Biologen 56 (1976) 310-315, 6 fig. In Dutch. General sketch of these subantarctic S. Indian Ocean islands; ecology; vegetation; animal life.
- GREY-WILSON, C. *Impatiens schlechteri* (Balsam.) Curtis Bot. Mag. n.s. 181 (1976) tab. 710. From New Guinea; despite range of colour forms all the New Guinean *Impatiens* form a variable polymorphic sp.
- * GRIEVE, B.J. & W.E. BLACKALL, *How to know Western Australian wildflowers. Part IV*. Univ. W. Austr. Press Nedlands (1975) (150) + 596-861 pp., 16 col. pl., many drawings. The final volume of this important work with the completion of which both Prof. Grieve and West Australian botany are to be congratulated. The keys as usually illustrated by the simple but informative line drawings; added are 132 most beautiful coloured photographs.
- * GUNN, C.R. & J.V. DENNIS, *World Guide to tropical drift seeds and fruits* (1976). — Reviewed on page 2863.
- GUTIERREZ, H.G. *An archaeological find in the Philippines: A fruit of the genus Psidium (Guava)*. Philip. J. Sc. 102 (1973) 143-145, 1 pl. A fruit found in a 15th century early Ming bowl excavated in Oangasinan, Luzon. The author concludes that *Psidium* was in the Philippines long before the Spaniards. — As it is not stated when the burial took place, the age of the bowl is of course not conclusive. — v. St.
- *Hopea samarensis*, a new Philippine dipterocarp. Kalikasan 4 (1975) 235-239, fig. 1. New species from Samar.
- *Hopea dalingdingan*, another new Philippine dipterocarp. Kalikasan 5 (1976) 92-98, 1 fig.
- HAEGI, L. *Taxonomic account of Datura L. (Solan.) in Australia with a note on Brugmansia Pers.* Austr. J. Bot. 24 (1976) 415-435, 6 fig., 3 tab. Genus is doubtfully native in Australia; key to 6 spp.
- HAJATI DJATIE, Sri & R.E. SOERIAATMADJA, *List of Herbarium Specimens at the Herbarium Bandungense*. Biol. Dept. Inst. Techn. Bandung (1972) 94 pp. mimeogr. 3758 names listed with provenance.
- HAMLIN, B.G. *A new name in Sonchus for New Zealand*. New Zeal. J. Bot. 14 (1976) 279.

- HAMZAH, Z. *Mikania ancaman baru bagi tanaman kehutanan (Mikania, a new threat to forest plantations)*. Lembaga Penelitian Hutan, Bogor, Laporan no. 223 (1976) 12 pp., 5 fig.
Data on *Mikania scandens*.
- : *Sifat silvika dan silvikultur Cendana di pulau Timor (Silvical characteristics and silviculture of sandalwood (Santalum album L.) in the island of Timor)*. Lembaga Penelitian Hutan, Bogor, Laporan no. 227 (1976) 62 pp., 11 fig., 1 map, tab.).
- HANKS, S.L. & D.E. FAIRBROTHERS, *Palynotaxonomic investigation of Fagus L. and Bothofagus Bl.* (1976). — Reviewed on page 2865.
- HANSEN, B. *Balanophoraceae. Fl. Males. i 7* (1976) 783-805, fig. 1-26.
- *Balanophoraceae. Ident. Lists Mal. Specimens no. 48* (1976) 879-886.
- HANSEN, O.J. *The genus Rhamphicarpa Benth. emend. Engl. (Scrophulariaceae). A taxonomic revision*. Bot. Tidsskr. 70 (1975) 103-125, 12 fig. & maps, 1 tab.
Detailed study; revision; key; 6 spp. (4 in Africa, 1 in Turkey, 1 in Africa, Papua & N. Australia; 1 new comb., 1 new sp. Many names excluded from the genus. The Papuan record belongs to the later widely distributed species *R. fistulosa* (Hochst.) Bth.
- HARA, H. *A new species of Cotylanthera (Gentianaceae) from Philippines, with a conspectus of the genus*. J. Jap. Bot. 50 (1975) 321-328, 5 fig.
Key to 5 spp. (1 new).
- *New or noteworthy flowering plants from Eastern Himalaya (17)*. J. Jap. Bot. 51 (1976) 7-11, 1 fig.
4 spp. and new comb. in various alpine genera.
- *Ditto (18)*. J. Jap. Bot. 51 (1976) 129-135, 2 fig.
Several new comb. in Caryoph.; note on *Astilbe*; *Galium* n.sp.
- *Comments on the East Asiatic plants (1)*. J. Jap. Bot. 51 (1976) 71-77.
Mostly critical notes on Japanese plants.
- *Ditto (2)*. J. Jap. Bot. 51 (1976) 188-192, 1 fig.
Notes on spp. of *Cerastium*, *Anemone*, *Cardamine*.
- *Ditto (3)*. J. Jap. Bot. 51 (1976) 225-229.
Critical notes on *Pyrola*, *Leonurus*, *Sparganium*, *Spirodela*.

- , S.KITAMURA & T.YAMAZAKI, *Dicotyledonae-Sympetalae*. In H.Ohashi (ed.), *Flora of Eastern Himalaya*. Third Report. Univ.Mus.Tokyo Bull. 8 (1975) 89-118, fig. 11-12. Critical records listed; one new *Rabdosia* (Lab.), one new comb. in *Brachyactis* (Comp.), 1 n.sp. in *Pedicularis*.
- & S.KUROSAWA, *A revision of the genus Helwingia* (Corn.) Univ.Mus.Tokyo Bull. 8 (1975) 393-413, pl. 16-33, fig. 72-78, distr. map.
Intensive treatment; several new taxa, with 4 spp.; no key.
- *HARRISSON, T. *Prehistoric wood from Brunei, Borneo*. Brunei Mus.J.Monogr. no. 2 (19??) 67 pp. text, 69 pp. line drawings, 33 pp. fotogr. pl.
- HASSALL, D.C. *Cytological observation in Australian Euphorbias*. Austr.Syst.Bot.Soc.Newsletter 7 (1976) 6-9.
Afro-Asian succulent series with $n = 10$ is lacking in Australia. Listed chromosome numbers of Australian spp.
- HATUSIMA, S. *A new Linden from Japan*. J.Geobot. 20 (1972) 2-4, 2 fig.
Tilia chugokuensis sp.nov.
- *A new Bamboo from Kyusyu*. J.Geobot. 20 (1972) 36-37, 1 fig.
Sasaella marunoi sp.nov.
- *Meliosma oldhami Maxim and its alliance* (Sabiaceae) J. Geobot. 20 (1972) 56-58.
- *A new woody Hypericum from the Ryukyus*. J.Geobot. 21 (1973) 2-3, 1 fig.
H. senkakuinsulare sp.nov.
- *A new Rhamnus from Japan*. J.Geobot. 21 (1973) 34-35, 1 fig.
R. chugokuensis sp.nov.
- *New or noteworthy plants from the Ryukyus*. Ecol.Stud. Nat.Cons.Ryukyu Isl. 1 (1974) 37-45, 1 fig.
Critical records; amongst them the first record of Annonaceae for the Ryukyus, unfortunately sterile.
- *----- *Flora of the Ryukyus* (1975). — Reviewed on page 2864.
- & H.KANAI, *New or noteworthy plants from Isl. Yonaguni, Ryukyus*. Nat.Sc.Mus.Tokyo, Special Bull. 7 (1974) 115-120. In Japanese, English summary.
Southernmost island, between Iriomote and Formosa; some plants do occur in Batan Is. and Botel Tobago, but not in Formosa; records of plant-geogr. interest. List of critical records.

- * HAYASHI, S., T. KISHIMA, L. C. LAU, T. M. WONG & P. K. BALAN MENON, *Micrographic Atlas of Southeast Asian Timber*. Div. Wood Biol., Wood Res. Inst. Kyoto Univ. (1973) 120 pp. with 240 fig., 9 pp. index.
130 genera, 239 species; no text with the plates.
- HEDEGART, T. *Breeding systems, variation and genetic improvement of teak (Tectona grandis L.f.)*, p. 109-123 in Burley & Styles, *Tropical trees* (1976).
Range map of *Tectona grandis*, *T. hamiltoniana* and *T. philippinensis*. Chromosome number $2n = 36$. Flower biology and pollination, seed setting, variation. Minimum conservation area 10 ha with 1000-6000 trees. Resistance. List of world teak acreages.—J.M.
- HEINE, H. *Acanthaceae*. Fl. Nouv.-Caléd. et Dépend. 7 (1976) 3-68, 15 maps, 15 pl.
Incl. several new spp. in *Graptophyllum* and *Hemigraphis*.
- *Bignoniaceae*. Fl. Nouv.-Caléd. et Dépend. 7 (1976) 69-93, pl. 16-20, map 16-19.
Contains i.a. a list of the many cultivated species.
- *Boraginaceae*. Fl. Nouv.-Caléd. et Dépend. 7 (1976) 95-118, pl. 21-25, map 19-22.
Messerschmidia is replaced by the older *Argusia* and a new comb. is made, *A. argentea* (L.f.) Heine.
- *Solanaceae*. Fl. Nouv.-Caléd. et Dépend. 7 (1976) 119-205, pl. 26-47, map 23-32.
- * HEINSDIJK, D. *Forest assessment* (1976). — Reviewed on page 2866.
- HENRY, A. N. & M. CHANDRABOSE, *Two new flowering plants from South India*. Bull. Bot. Surv. India 15 (1976) 142-145, 2 fig.
A new *Zenkeria* (Gram.) and var. nov. in *Evodia* (Rut.).
- * HENTY, E. E. & G. H. PRITCHARD, *Weeds of New Guinea and their control*. Ed. 2. Div. Bot. Lae, Bot. Bull. no. 7 (1975) illus.
- HESLOP-HARRISON, Y. *Carnivorous plants a century after Darwin*. Endeavour 35 (1976) 114-122, 20 fig., 3 tab.
A magnificent survey.
- * HEYWOOD, V. H. (ed.), *Botanical systematics / An occasional series of monographs*. Vol. 1. xxii + 368 pp. (1976). Academic Press, 24-28 Oval Road, London NW1 7DX, England. Cloth, price £ 24.
This new series intends to publish monographic studies; see under Hanks and under Polhill in the Reviews.

- *HNATIUK, R.J., J.M.B. SMITH & D.N. McVEAN, *The climate of Mt Wilhelm* (1976). — Reviewed on page 2868.
- *HO, PING-TI, *The Cradle of the East*. Univ. Chicago Press, c. 1975. \$ 12.
Archaeology of China, with main theme the origin and domestication of cultivated plants in which rice plays a large role.
- *HOOGERWERF, A. *Udjung Kulon. The land of the last Javan rhinoceros*. E.J. Brill, Leiden (1970) 512 pp.
In this magnificent monograph of the most SW. peninsula of Java sketches are given of vegetation with plant lists and views on vegetation dynamics.
- *Report on a visit to Wildlife Reserves in East Java, Indonesia (Aug.-Nov. 1971)*. Meded. Ned. Comm. Intern. Natuurbescherming 21 (1974) 49 pp., 4 maps, 32 photogr.
Both in English and Indonesian language.
Visits to Meru Betiri, Blambangan-Purwo, Baluran and Ijang Mt; largely zoological; casually plants mentioned from the Baluran savannahs.
- HOOGLAND, R.D. *Addenda Dilleniaceae*. Fl. Males. 17 (1976) 824-827.
- HOPE, G.S. *The vegetational history of Mt Wilhelm, Papua New Guinea*. J. Ecol. 64 (1976) 627-664, 11 fig. & maps, 2 pl., 1 tab. = append. tab.
Based on paleopalynological data mainly.
- *----- e.a. (ed.), *The equatorial glaciers of New Guinea etc.* (1976). — Reviewed on page 2869.
- & J.A. PETERSON, *Glaciation and vegetation in the high New Guinea mountains*. R. Soc. New Zeal. Bull. 13: Quaternary Studies (1975) 155-162, 6 fig.
- *HORIKAWA, Y. *Atlas of the Japanese Flora. II. An introduction to plant sociology of East Asia* (1976). — Reviewed on page 2871.
- HOSOKAWA, T. *The origins of the Flora and Vegetation of the Philippines*. Record of Proc. 13th Pac. Sc. Congr., Abstracts of Papers, Vancouver (1975) 302.
Mt Apo; alpine heath on summit of *Leucopogon philippinensis*, dwarf *Rhododendron* and *Vaccinium*.
- HOTTA, M. *Notes on Bornean Plants III. Pedicellarum and Heteroaridarum, two new genera of the aroids*. Acta Phytotax. Geobot. 27 (1976) 61-65, 2 fig.
- HOWCROFT, N. *Distribution of *Dipodium pandanum* F.M. Bail*. The Orchadian 5 (1976) 48-49, 1 map.
Occurs also in New Guinea.

HU, SHIU-YING, *The Orchidaceae of China. IX.* Quart.J.Taiwan Mus. 28 (1975) 125-182, fig. 25-26.

----- *The tour of a botanist in China.* Arnoldia 35 (1975) 265-295, map, 4 photogr.

Report on a month tour with visits to the main botanical institutes; giving a much desired view on the state of progress in botany and listing of botanists by institutes and the work with which they are engaged.

HU, YU-SHI, FU-SHIUNG WANG & YUNG-CHING CHANG, *On the comparative morphology and systematic position of Cathaya (Pinaceae).* Acta Phytotax.Sin. 14 (1976) 73-78, 2 fig. In Chinese. Cathaya a good genus from the viewpoint of dialectical materialism (see summary).

* HUL THOL, S. *Contribution à la révision de quelques genres de Caesalpiniaceae, représentés en Asie.* Thèse, Univ.Curie Paris (1976) iv + 209 pp., many fig.; xeroxed, with real photographs. See also under Vidal.

A morphological and palynological revision of four genera. It is a pity that the genera are not treated for the same area: Pterolobium for Africa and Asia, Wagatea for India, Peltophorum for Indo-China and Caesalpinia for China and Indo-China. The key to the genera (p. 8) does not hold in Malesia, because Caesalpinia sumatrana has a calyx tube just like Wagatea. Besides, Peltophorum is not a subgenus of Caesalpinia, as the key suggests. The part about Pterolobium is an extension of the revision of J.E.Vidal & S.Hul Thol (1974) and treats palynological supplements, with many tables and photographs. The revision of Caesalpinia is very extensive, with figures of most species. Some small mistakes have been made, however. I wonder why C. nhatrangensis has been put in the subgenus Mezoneuron - to be distinguished by the fruits only - regardless of the fact that its fruits are still unknown.... The key of the pollen of Caesalpinia (p. 158) shows not the same numbers of the species as that of the morphological treatment of the species. The figures are accurate. At the end an index is wanting, which makes the use somewhat difficult concerning the synonymy.—T.A.Hattink.

* HUTCHINSON, J.B. (ed.), *Evolutionary studies in world crops. Diversity and change in the Indian subcontinent.* Cambridge Univ.Press, 175 pp. Symposium held by Indian botanists.

HUYNH, KIM-LANG, *La morphologie microscopique de la feuille et la taxonomie du genre Pandanus.* Bot.Jahrb. 97 (1976) 72-119, 47 fig., 8 pl.

- ITO, S. & H. KOYAMA, *A new hybrid of Cacalia from Nagano Prefecture* (Comp.) J. Jap. Bot. 50 (1975) 300-304, 2 fig., 1 tab.
- * JACK, W. *Descriptions of Malayan plants (1820-1822)*, Malayan Miscellanies, Reprint in preparation, Otto Koeltz, Box 1360, D624 Koenigstein/Taunus, W. Germany. Subscription price DM 70, after publication DM 90.
- JACOBS, M. *Addenda Capparaceae, Violaceae*. Fl. Males. 1 7 (1976) 822, 831.
Replace *Crateva nurvula* by *C. magna* (Lour.) DC.; new var. from Flores of *Hybanthus enneaspermus*.
- *Tapeinosperma reinianum* (Myrsinaceae), a new species from New Guinea. Blumea 23 (1976) 3-5, 1 fig.
A remarkable single-stemmed "Schopfbäumchen" reminding of Melanesian species in habit.
- *Het Tropisch Regenbos en de Mens*. Natura 73 (1976) 2-20, 6 fig.
Sketch of the significance of the tropical forest for man.
- JACOBSEN, N. *Notes on Cryptocoryne of Sri Lanka (Ceylon)*. Bot. Notis. 129 (1976) 179-190, 4 fig. of which 2 in col. 13 spp. in detail; no novelties; chromosomes.
- JAFFRÉ, T. & M. SCHMID, *Accumulation du nickel par une Rubiacée de Nouvelle-Calédonie Psychotria douarrei* (G. Beauv.) Däniker. C. R. Acad. Sci. Paris 278, sér. D, no. 13 (1974) 1727.
- JAIN, K. K. *A taxonomic revision of the Himalayan Junipers*. Indian For. 102 (1976) 109-118, 8 fig., 3 tab. 8 taxa; no key.
- JAIN, S. K., D. K. BANERJEE & D. C. PAL, *Grasses of Bihar, Orissa and West Bengal*. J. Bomb. Nat. Hist. Soc. 72 (1976) 758-773.
Merely a name list.
- , ----- & ----- *Medicinal plants among certain Adibasis in India*. Bull. Bot. Surv. India 15 (1976) 85-91.
- JANARDHANAN, K. P. *On the occurrence of Micromeria biflora* (Buch. Ham. ex D. Don) Benth. var. *hispida* Kitamura & Murata (Lamiaceae) in Western Himalaya. Bull. Bot. Surv. India 15 (1976) 128.
- JANZEN, D. H. *Reduction of Mucuna andreana (Leguminosae) seedling fitness by artificial seed damage*. Ecology 57 (1976) 826-828.
Holes were bored, to imitate insect damage, of 1, 5,

and 10% of seed weight in this Costa Rica species. The longevity and sprouting of clipped seedlings is markedly and proportionally less. This points to survival value of defensive compounds.—M.J.

- *Why do bamboos wait so long to flower?* p. 135-139 in Burley & Styles, *Tropical trees* (1976).
Hypothesis that mass flowering evolved under influence of a variety of animals who pruned off the leading and following tails of the seed crop. Under man's influence the pattern became fragmented and mixed.—M.J.
- JARDIN, C. *Dénomination des plantes alimentaires à l'Île de Niue (Pacifique Sud)*. *Commis. Pacif. Sud, Circ. Inform.* no. 63, 720/74 (1974) 10 pp., bibl.
322 species listed.
- JÉRÉMIE, J. & N. HALLÉ, *Le genre Bikkia (Rubiaceae-Condamineae) en Nouvelle-Calédonie*. *Adansonia ser. 2*, 15 (1976) 341-355, 5 pl.
11 species (2 new); key.
- JESSOP, J. P. *A revision of Peliosanthes (Liliaceae)*. *Blumea* 23 (1976) 141-159, 9 fig. + map.
Elaborate study of variation; genus appears to be monotypic, with 2 subspecies.
- JOHNSON, L. A. S. *Problems of species and genera in Eucalyptus (Myrtac.)* *Plant Syst. Evol.* 125 (1976) 155-167, 5 fig.
Discussion on subdivision; schemes of infl. and buds; numerical phenetics is not useful for taxonomy.
- JOHNSON, P. N. & D. J. CAMPBELL, *Vascular plants of the Auckland Islands*. *New Zeal. J. Bot.* 13 (1975) 665-720, 5 fig., 3 tab.
257 taxa listed (14 are new records).
- JONES, D. L. *A new combination for an Australian Orchid*. *The Orchadian* 5 (1976) 54.
Pterostylis x ingens.
- JONES, R. *The Neolithic, Palaeolithic, and Hunting Gardeners. Man and Land in the Antipodes*. *R. Soc. New Zeal. Bull.* 13, *Quaternary Studies* (1975) 21-34, 5 fig.
Palaeo-ethnobiology in Australia and New Zealand.
- JONG, K. *Cytology of the Dipterocarpaceae*, p. 79-84 in Burley & Styles, *Tropical trees* (1976).
The few available data (51 sp. in all) confirm family subdivision into Fruit sepals expanded imbricate in *Dryobalanops*, *Balanocarpus*, *Hopea*, *Shorea* $x = 7$ and Fruit sepals valvate in *Anisoptera*, *Dipterocarpus*, *Stemonoporus*, *Vateria*, *Vatica* $x = 11$. Some polyploids are

listed, e.g. *Hopea nutans* $2n = 4x = 28$, *H. beccariana* $2n = 3x = 21$. Polyembryony occurs, real and false.—
M.J.

JOSEPH, J. *Asraoa triandra* (Arecaceae). A new genus and species of Palm from Lohit District, Arunachal Pradesh. Bull. Bot. Surv. India 14 (1975) 144-148, 6 fig.

----- & E. VAJRARELU, *Oberonia seidenfadeniana* Joseph et Vajravelu - a new species of orchid from Anamalai Hills, South India. Bull. Bot. Surv. India 13 (1971) 344-345, 5 fig.; rcvd 1976.

----- & ----- *Proteroceras holttumii* (Orchidaceae) - a new find belonging to a new genus from Vellingiri Hills, South India. J. Indian Bot. Soc. 53 (1974) 189-193, 5 fig.

Allied to *Pteroceras*.

KANDELER, R. *Species delimitation in the genus Lemna*. Aquatic Botany 1 (1975) 365-376, 4 fig., 1 tab.

KANIS, A. A new combination in *Cyathula* (Amaranthaceae). Kew Bull. 31 (1976) 340.

Cyathula prostrata var. *stenophylla* (Merr.) Kanis.

KAPOOR, S.L. & L.D. KAPOOR, *Further contribution to the flora of the Kariminagar District of Andhra Pradesh*. Bull. Bot. Surv. India 15 (1976) 76-84, tab.

Introduction and name list.

KARSTEDT, P. & N. PARAMESWARAN, *Beitrag zur Anatomie und Systematik der atlantischen Rhizophora-Arten*. Bot. Jahrb. 97 (1976) 317-338, 14 Abb., 3 Tab.

The 3 spp. are recognized; author admits + intermediary position of *R. harrisonii*, but makes not clear whether it is a hybrid (F_1 or constant hybrid) as he takes it up as a species.

* KARTAWINATA, K. *Report on the state of knowledge on tropical forest ecosystems in Indonesia* (1974). — Reviewed on page 2872.

----- *Structure and composition of forests in some Nature Reserves in West Java, Indonesia*. Record of Proc. 13th Pac. Sc. Congr., Abstracts of Papers, Vancouver (1975) 101.

4 spp. in all small nature reserves of lowland primary forest (Dungus Iwul, Peutjang, Janlappa, Sakawana). *Planchonia valida*, *Dysoxylum caulostachyum*, *Lansium domesticum*, *Artocarpus elasticus*. *Hopea sangal* and *Dipterocarpus hasseltii* also recorded.

- KARTHIKEYAN, S. *A contribution to the family Gramineae of the "Flora of the Presidency of Madras"*. Bull.Bot.Surv. India 13 (1971) 175-179; rcvd 1976.
- *Notes on the genus Panicum Linn. (Gramineae) in former Madras Presidency*. Bull.Bot.Surv.India 13 (1971) 355-357; rcvd 1976.
Key to 14 spp.
- *A synopsis of the awned grasses of former Madras Presidency*. Bull.Bot.Surv.India 14 (1975) 83-91.
Key to genera.
- KATAKI, S.K. *Notes from the Orchid Station, Tipi, Arunachal Pradesh. I & II. An account of the Orchid Station, Tipi. I*. Indian For. 101 (1975) 137-139, 1 fig.
Station houses 3000 orchids; abnormal *Dendrobium nobile*.
- KAUL, M.K. *Flowering plants of Shankaracharya Hill, Srinagar, Kashmir*. Bull.Bot.Surv.India 13 (1971) 236-243; rcvd 1976.
List of 204 spp.
- *Senecio vulgaris Linn. - A fast spreading exotic weed of crop fields and orchards of Kashmir*. Bull.Bot.Surv. India 14 (1975) 162-163, 1 fig.
- *Contribution to the umbellifers of Kashmir*. J.Bomb.Nat. Hist.Soc. 72 (1976) 692-715, 11 fig.
Keys; descr.; revision.
- KAZMI, S.M.A. *Ivanjohnstonia jaunsariensis - a new genus and species of Boraginaceae from North-west Himalayas*. Sultania 1 (1975) 1-4, 1 fig.
aff. *Cynoglossum*.
- & A. JEHAN, *Useful plants of Pakistan. Part 1: Gymnosperms*. Sultania 1 (1975) 5-55, fig. 5-17, 1 map, 1 tab.
- KENG, HSUAN, *The identity of Dubardella (Boerlagellaceae) and Pyrenaria (Theaceae)*. Blumea 23 (1976) 95-96.
Reduction of the former to the latter.
- *Annotated list of seed plants of Singapore. IV. II. Angiosperms-Dicotyledons (contd)*. Gard.Bull.Sing. 28 (1976) 237-258, 2 fig.
Families, 29 Bixac., 56 Polygon.
- KERAUDREN-AYMONIN, M. *Cucurbitacées*. Fl.Camb.Laos et Viêt-nam 15 (1975) 1-121, 17 pl.
- KERSHAW, A.P. *Late Quaternary vegetation and climate in north-eastern Australia*. R.Soc.New Zeal.Bull. 13, Quaternary Studies (1975) 181-187.

30,000 years ago Araucaria (and some Dacrydium) rain forest was replaced by Eucalypts, either by climate or burning by aboriginal man. Rain forest invaded again between 9500-6000 y/BP by increase of rainfall. Since 3000 y/BP there is again period of desiccation. No mention of Nothofagus.

- KIENER, A. *Les mangroves du globe. Aspects écologiques, biocénétiques et physiologiques particuliers; mise en valeur.* Bull.Mus.Nat.Hist.Nat.Paris 163, écol.gén. 20 (1973) 317-331, 2 fig., 2 tab., bibl.
General.
- KIEW, R. *The genus Iguanura Bl. (Palmae).* Gard.Bull.Sing. 28 (1976) 191-226, 7 fig., 4 pl.
Revision; 16 spp. (4 new).
- KIMURA, A. *Nova hybrida inter Salicem gracilistylam Miquel et S. hukaoanam Kimura.* J.Jap.Bot. 51 (1976) 1-6, 1 fig.
- * KING, R.M. & H.W.DAWSON, *Cassini on Compositae. 3 Vol.* New York, Oriole Editions (1975) 1: I-XXXIX, 1-636; 2: 637-1330; 3: 1331-1963, I-XXXVII. US\$ 100.
Reprints from Cassini's contributions to the 60 volumes of Cuvier's Dict. Sci. Nat. (1804-1845). Introduction by King & Dawson. Reprod. from xerox copies. Index!
- KIRKMAN, H. *Male floral structure in the marine angiosperm Cymodocea serrulata (R.Br.) Ascherson & Magnus (Zannichelliaceae).* Bot.J.Linn.Soc. 70 (1975) 267-268, 1 pl.
Found in Moreton Bay, Queensland.
- KOCHUMMEN, K.M. *Notes on the systematy of Malayan Phanerogams XXIII. Myrtaceae.* Gard.Bull.Sing. 28 (1976) 227-229, 1 fig.
New species of Tristania; varieties in Eugenia.
- KONG, ZHAO-CHEN, NAI-CHIU TU, YI-CHEN SHI & JUN-RONG TAO, *Vegetational and climatic changes in Peking during the past one hundred million years.* Acta Phytotax.Sin. 14 (1976) 79-89.
In Chinese. Summary in English. Early Cretaceous ferns and Gymnosperms from Oligocene onwards Angiosperms.
- KOSTER, J.Th. *The Compositae of New Guinea. V. Blumea* 23 (1976) 163-175, 1 fig.
Treats Cichorieae: Sonchus, Youngia, Lactuca (Ixeris).
Keys; some new species and combinations.
- KOSTERMANS, A.J.G.H. *The identity of Burman's Catte Coronde (Cinnamomum spinosum).* Ceylon J.Sc.Biol. 12 (1976).
C. spinosum Nees 1823 is reduced to Scolopia pusilla (Gaertn.) Willd. (Flac.) from Ceylon.

- *Notes on Clusiaceae of Sri Lanka and reduction of Pentaphalangium Warb.* Ceylon J.Sc.Biol. 12 (1976) 55-71, pl. 1.
Discussion of several *Garcinia* spp. in Ceylon. *G. cambogia* Desr. reduced to *G. gummi-gutta* (L.) Robs.; it does not occur in Sri Lanka; 1 n.sp.; 9 spp. occur in Sri Lanka. The East-Malesian-Pacific genus *Pentaphalangium* should be merged with *Garcinia*; 6 new comb. Note on *Calophyllums* of Sri Lanka; 1 new sp.; 1 new comb. in *Mesua*.
- KRISHNA, B. & A.R.K.SASTRY, *Cymbidium tigrinum* Parish ex Hook. A new record from Nagaland, India (Orch.) Bull.Bot. Surv.India 14 (1975) 179.
- KRUKOFF, B.A. *Notes on the species of Erythrina. VIII.* Phytologia 33 (1976) 342-356, 1 fig.
Additional records: for Malesia: *E. subumbrans* in New Guinea; *E. euodiphylla* Hassk., a local endemic in East Java; flowers were said to be green, but this seems to be an error; new observations tell them to be pale orange when looking up the tree.
- KUAN, KE-CHIEN, TSUNG-WAN HSIEH & HWA-SCHIUNG MAO, *Study on the botanical origin of the Chinese drug chuanniuxi and maniuxi.* Acta Phytotax.Sin. 14 (1976) 60-64, 4 fig. 2 *Cyathula* species (Amaranth.). In Chinese.
- KUCHEL, R.H. *A taxonomic revision of the genus Chamaexerox Benth. (Xanthorrhoeaceae).* Nuytsia 2 (1976) 118-123, 4 fig. (3 maps).
3 species (1 new).
- KUMARI, G.R. *Tetralocular fruits in Cleistanthus patulus Muell.-Arg. (Euph.)* Bull.Bot.Surv.India 14 (1975) 152-153.
- & G.V.SUBBA RAO, *Euphorbia agowensis* Hochst. ex Boiss. A new record for India. Bull.Bot.Surv.India 15 (1976) 126, 1 pl.
- KUNDU, B.C. & S.GUHA, *New species of Stephania and Rhaptonema (Menispermaceae).* Bot.Notis. 129 (1976) 257-265, 7 fig., 2 tab.
2 n.spp. of Papuan *Stephania*.
- LAI, MING-JOU, *Caldesia parnassifolia (Alismataceae), a neglected monocot in Taiwan.* Taiwaniana 21 (1976) 276-278, 1 pl.
- LANDER, N.S. *Actites, a new genus of Compositae from Australia.* Telopea 1 (1976) 129-135.
Based on a *Sonchus*; key to 3 genera.

- LAUBENFELS, D.J.DE, *The genus Dacrydium in Malaya (Gymnospermae)*. Blumea 23 (1976) 97-98.
n.sp. from Malaya and Sumatra.
- LAVARACK, P.S. *The taxonomic affinities of the Australian Neottioideae (Orch.)* Taxon 25 (1976) 289-296, 2 fig., 1 tab.
Numerical analysis does not yield a radically different pattern.
- LEBLER, B.A. *Aneilema and Murdannia (Commel.)* Adv. Leaflet no. 1291, Div. Pl. Indust., Dept. Prim. Indust.; Queensl. Agric. J. (Jan.-Febr. 1975) 7 pp., 3 fig.
- *Bitter peas add a touch of yellow*. Adv. Leaflet no. 1303, Ditto (March-April 1975) 9 pp., 5 fig.
Daviesia spp.
- *Four spring-flowering native vines*. Adv. Leaflet no. 1341, Ditto (March-April 1975) 8 pp., 4 fig.
Hardenbergia, Kennedya, Lonchocarpus, Derris, each 1 sp
- LEE, D.W., YAP KIM PIN & LIEW FOO YEW, *Serological evidence on the distinctness of the monocotyledonous families Flaggellariaceae, Hanguanaceae and Joinvilleaceae*. Bot. J. Linn. Soc. 70 (1975) 77-81, 1 fig.
- LEENHOUTS, P.W. *Addenda Burseraceae, Connaraceae, Dichapetalaceae, Loganiaceae*. Fl. Males. i 7 (1976) 820-824.
- LEEUWENBERG, A.J.M. *The Apocynaceae of Africa. I: Tabernaemontana L. 1. Introductory remarks to a revision of the species represented in Africa*. Adansonia 16/3 (1976) 383-392, 2 pl.
Generic synonyms with type species. Precursor to a revision of African species.
- LERSTEN, N.R. & H.T. HORNER Jr, *Bacterial leaf nodule symbiosis in Angiosperms with emphasis on Rubiaceae and Myrsinaceae*. Bot. Review 42 (1976) 145-214, 2 fig., 7 tab.
- LI, PING-TA'O, *Some notes on the Annonaceae of China*. Acta Phytotax. Sin. 14 (1976) 96-113, 6 fig.
In Chinese. Key to species; several n.comb. and n.spp.
- LI, YAN-HUI, *A new species of Myristica from China*. Acta Phytotax. Sin. 14 (1976) 95-96, pl. 14-1-8.
Key to 4 spp.
- LIEW THAT CHIM, M. NOR DIAH & WONG YIN CHUN, *Mangrove exploitation and regeneration in Sabah*. Malays. For. 38 (1975) 260-270, 1 map, 6 tab.
Management and regeneration; the latter not too good.

- LIM, A.L. & N. PRAKASH, *Life history of Nepenthes gracilis*. Malays.J.Sci. 2A (1973) 45-53, 5 fig., 1 tab.
Ontogeny of seed and seedling.
- LIM, SIEW-NGO, *Cytogenetics and taxonomy of the genus Globba L. in Malaya. III. Comparative studies of polyploids (Zingib.)* Malays.J.Sci. 1A (1972) 19-33, 4 pl., 6 tab.
- LIN, TSAN-PIAO & CHIEN-CHANG HSU, *Orchid genera, Anoectochilus and Odontochilus of Taiwan*. Taiwania 21 (1976) 229-236, 2 fig., 1 tab.
Key to 2 spp. of Anoectochilus and 3 of Odontochilus (of which 1 new).
- LIU, TANG-SHUI, *The genus Abies (IX)*. Quart.J.Taiwan Mus. 28 (1975) 219-268, pl. 29-33, map 28-32, prof. 28-31.
- *Ditto (X)*. Quart.J.Taiwan Mus. 28 (1975) 483-547, pl. 34-37, phot. 1-12, prof. 33-36, map 33-36, tab. 20-22.
- , S.Y. LU & Y.P. YANG, *A new record of Celtis in Taiwan*. Quart.J.Chin.For. (Taipei) 9 (1976) 109-110, 1 fig.
C. biondii Pamp.; key to 5 spp. In Chinese.
- & HORNG-JYE SU, *New additions to the Orchidaceous Flora of Taiwan, China (III)*. Quart.J.Taiwan Mus. 28 (1975) 269-276, 4 fig.
3 spp. discussed.
- LOBREAU-CALLEN, D. *Les caractères du pollen et la répartition géographique des Icacinaceae*. C.R.Séanc.Soc.Biogéogr. 49 (1973) no. 426: pp. 4-17, 10 cartes, 3 tab.
Family old; must possibly date from Jurassic or Lower Cretaceous; pantropical before Lower Cretaceous.
- LONG, R.W. *Biosystematics of Ruellia tuberosa L. (Acanth.)* Amer.J.Bot. 63 (1976) 951-959, 8 fig., 4 tab.
Bremekamp's narrow delimitation of *Ruellia* rejected.
- LUDLOW, F. *Reliquiae Botanicae Himalaicae*. Bull.Br.Mus. (Nat. Hist.) Bot. 5 (1976) 269-289, 9 fig., pl. 30-36.
Several n.spp. in various groups (*Corydalis*, *Diapensia*, *Geum*, *Senecio*, etc.).
- MABBERLEY, D.J. *Branching in pachycaul Senecios: the durian theory and the evolution of angiospermous trees and herbs*. New Phytol. 73 (1974) 967-975, 2 fig., 1 pl.
Primitivity of African tree.
- *Pachycauly, vessel-elements, islands and the evolution of arborescence in 'herbaceous' families*. New Phytol. 73 (1974) 977-984, 1 fig.
Doubt of Carlquist's pedomorphosis theory; pachycaul forms are confirmed as primitive.—M.J.

- MCNEILL, J. *A generic revision of Portulacaceae tribe Montieae using techniques of numerical taxonomy.* *Canad. J. Bot.* 53 (1975) 789-809, 8 fig., 2 tab.
Key to sect. of *Claytonia* and *Montia* and spp. listed of both genera. *Paxia* and *Neopaxia* reduced to *Montia*.
- MADULID, D.A. *Soil and sand binding grasses in the Philippines and its conservation value.* *Acta Manilana Ser. A*, no. 14 (22) (1975) 76-161, 26 fig., 1 map, 1 tab.
- MAEKAWA, F. *Note on a new species of Hosta (Liliaceae).* *J. Jap. Bot.* 51 (1976) 79-81, 2 fig.
- MAHABALE, T.S. & K.M. KULKARNI, *Studies on Palms: fruits, seeds and their germination in Livistona chinensis R.Br.* *J. Bomb. Nat. Hist. Soc.* 72 (1976) 655-661, 26 fig.
- MAHESHWARI, J.K. *Morpho-taxonomic studies on Indian Guttiferae. The genera Mammea Linn., S. 1. and Kayea Wall.* In Murty c.s. (ed.), *Advances in Plant Morphology* (1972) 137-152, 52 fig., 1 tab.
Key to 3 Indian spp. (1 introduced) of *Mammea* and *Mesua*.
- MAJUMDAR, N.C. *A note on the family Caryophyllaceae, with special reference to the Indian species.* *Bull. Bot. Surv. India* 14 (1975) 71-75.
Species listed; discussion of generalities.
- *A catalogue and lectotypification of the type materials of some taxa of the family Caryophyllaceae available at the Calcutta Herbarium (CAL).* *Bull. Bot. Surv. India* 15 (1976) 39-44.
Species listed.
- MALHOTRA, S.K. *Studies on the limestone vegetation of Sahasradhara near Dehra Dun (Uttar Pradesh) - An account of the vegetation.* *Bull. Bot. Surv. India* 13 (1971) 260-263; rcvd 1976.
- & S. MOORTHY, *Some useful and medicinal plants of Chandrapur District (Maharashtra State).* *Bull. Bot. Surv. India* 15 (1976) 13-21.
- MANILAL, K.S. & V.V. SIVARAJAN, *Hedyotis erecta Manilal & Sivarajan (Rubiaceae), a new species from S. India.* *Bot. Notis.* 129 (1976) 191-192, 1 fig.
- MARKGRAF, F. *Apocynaceae III. Alstonia, Alyxia.* *Ident. Lists Mal. Spec.* no. 50 (1976) 902-916.
- MARSHALL, M. *The natural history of Namoluk Atoll, Eastern Caroline Islands.* *Atoll Research Bull.* no. 189 (1975) 1-52, 13 pl., 2 tab.
Ident. of vascular flora by F.R. Fosberg, p.23-48. Common littoral plants, cultigens and weeds.

- MARTIN, B. & C. COSSALTER, *Les Eucalyptus des Îles de la Sonde*. Bois For. Tropiques 163 (1975) 3-25, 164 (1975) 3-14, 165 (1976) 3-20, 166 (1976) 3-22, 167 (1976) 3-24, 168 (1976) 3-17, so far 44 fig., 72 fotogr. (to be contd.). Foresters examined stands in Flores, Timor (both halves), Wetar and smaller islands (map given), which are described in detail, in order to grow the trees elsewhere. Sharp photographs, blurred botany. Authors maintain two species, *Eucalyptus alba* is what at Bogor lies under *E. platyphylla*, and what at Bogor lies under *alba* is *E. urophylla* ... but stop, this is only a ms. name and a Dr. Davidson has announced his intention to publish it before long under the name *E. malesiana*. Under the two species, vegetative characters are compared, whereupon, under the generative characters, the two species are compared. Hybridization appears to be common, in the zone above *E. alba* and below *E. urophylla*. Conversion or introgression? the authors ask. I suspect the answer is: there is no key, no description, and the only collections cited are the author's own. No, not quite. On the ominous page 13 of the second part, mention is made of a sheet in the Lae Herbarium, sent by the Herbario Lugduno-Batavo at Djakarta. I hope that as a contribution to silviculture (introduction in Africa is extensively treated) it is better.—M.J.
- MARTIN, F.W. *Yams of South East Asia and their future*, p. 83-90 in Williams e.a., *SE. Asian plant genetic resources* (1975).
Starch and protein content in several *Dioscoreas* and other plants compared. Discussion of important species; good expectations from New Guinea.—M.J.
- MASLIN, B.R. *Studies in the genus Acacia (Mimosaceae)*. 5. *Miscellaneous new phyllodinous species*. *Nuytsia* 2 (1976) 96-102, 1 map.
4 new species.
- MATTHEW, K.M. *A contribution to the Flora of Panchaimalais, Tiruchirapalli District, Tamil Nadu*. *J. Bomb. Nat. Hist. Soc.* 72 (1975) 327-356, 1 map.
Area at 11°20'-25' N, 78°30'-40' E (S. India); brief introduction; plant list.
- *A revision of the genus Mastixia (Cornaceae)*. *Blumea* 23 (1976) 51-93, 6 fig. & maps.
Revision; key to 13 species.
- MAULIK, M. *Tetrastigma indicum* M. Maulik spec. nov. - a new and interesting *Vitaceae* from India and Sikkim Himalayas. *Bull. Bot. Surv. India* 13 (1971) 352-353, 1 fig.; rcvd 1976.

- MAURY, G., J. MULLER & B. LUGARDON, *Notes on the morphology and fine structure of the exine of some pollen types in Dipterocarpaceae*. Review Palaeobot. & Palyn. 19 (1975) 241-289, 24 pl., 1 fig., 1 tab.
Dipterocarpus, Dryobalanops, Hopea, Monotes, Stemonoporus, Vatica, 9 spp. in all.
- MAXWELL, J. F. *Taxonomic notes on the vascular plants of Sam Lan Forest Saraburi and Khao Khieo Reserve, Si Racha, Chon Buri*. Thai For. Bull. Bot. no. 9 (1975) 62-84, 4 fig., 1 tab.
Critical notes and suggestions.
- * MEHRI, H. *Apocynacées néo-calédoniennes. Étude des alcaloïdes de Melodinus scandens Forst. et Melodinus balansae Baill.* Thèse: Pharm., Paris-Sud (1972) 112 pp., fig., bibl.
- MELVILLE, R. *The terminology of leaf architecture*. Taxon 25 (1976) 549-561, 8 fig.
Deals with venation only. Words like curvi-paxillate, pedati-flabellate appear by the dozen, unindexate.—
M. J.
- * MENIADO, J. A., R. R. VALBUENA & F. N. TAMOLANG, *Timbers of the Philippines*. Govt. Print. Off., Manila (1974) xi + 180 pp., 30 pl., 20 fig.
Anatomy of timbers of Dipterocarpaceae, Leguminosae.
- MERXMÜLLER, H. & D. PODLECH, *Fimbristylis ferruginea in Kreta*. Mitt. Bot. München 12 (1976) 683-684.
Extratropical record; discussion on differences between this species and *F. sieberana*.
- MEURK, C. D. *Contributions to the Flora and Plant Ecology of Campbell Island*. New Zeal. J. Bot. 13 (1975) 721-742.
Plant list with comments.
- MEYER, F. G. *A revision of the genus Koelreuteria (Sapindaceae)*. J. Arn. Arb. 57 (1976) 129-166, 16 fig. & maps, 2 tab.
Key to allied genera; morphology; seed and seedlings; key to the 3 spp.; distr. maps.
- MICHAELIS, F. B. *Watercress (Nasturtium microphyllum (Boenn.) Rehb. and N. officinale) in New Zealand cold springs*. Aquatic Botany 2 (1976) 317-325, 3 fig., 1 tab.
- MISRA, A. *Angiosperm flora of Darbhanga (Mithila, North Bihar) III*. Bull. Bot. Surv. India 13 (1971) 212-216; rcvd 1976.
List of 147 species.
- MITRA, S. N. *A botanical tour to Sikkim, around Jongri and Talung glacier, Eastern Himalaya*. Bull. Bot. Soc. Beng. 28 (1974) 63-67. — Introduction and plant list.

- MOLDENKE, H.N. *Notes on new and noteworthy plants. LXXXVII.* Phytologia 33 (1976) 372-375.
New spp. and var. of Clerodendron and Vitex from Malaya; new forms of Eriocaulon from Malaya.
- *Ditto. LXXXIX.* Phytologia 34 (1976) 18-20.
Some new varieties and forms.
- *Ditto. XCII.* Phytologia 34 (1976) 389.
Premna mariannarum f. dentata Moldenke, f. nov.
- *Additional notes on the genus Avicennia. VII.* Phytologia 33 (1976) 238-270.
Synonyms of the various species; no key or descr.
- *Ditto. VIII.* Phytologia 34 (1976) 70-94, 2 fig.
- *Ditto. IX.* Phytologia 34 (1976) 167-203, 8 fig.
- *Additional materials toward a monograph of the genus Callicarpa. XXIV.* Phytologia 33 (1976) 375-406.
Various records.
- *Ditto. XXV.* Phytologia 33 (1976) 480-505.
- *Ditto. XXVI.* Phytologia 34 (1976) 153-166.
- *Additional notes on the Eriocaulaceae. LXIII.* Phytologia 34 (1976) 390-406.
- *Ditto. LXIV.* Phytologia 34 (1976) 485-497.
- MOORE, D.M. & M.C. DOGGETT, *Hierochloe redolens (Vahl) Roem. & Schult. in Tierra del Fuego and adjacent regions* (Gram.) Bol. Soc. Arg. Bot. 16 (1975) 390-396, 3 fig., 1 tab.
- MORIARTY, D. *A culinary guide to common tropical weeds.* Bull. Pac. Trop. Bot. Gard. 6 (1976) 8-12, 2 pl.
A few notes.
- * MORTON, C.V. *A revision of the Argentine species of Solanum.* Acad. Nac. Cienc. Cordoba, Argentina (1976) 260 pp., 30 fig.
132 spp. incl. a few new ones; Lycianthes treated as subgenus; keys.
- MUKERJEE, S.K. *Orchids of the plains of North Bengal.* Bull. Bot. Surv. India 14 (1975) 92-103.
Keys to genera and species.
- MUKHERJEE, N. *Revision of the family Flacourtiaceae of India, Burma and Ceylon.* Bull. Bot. Soc. Beng. 26 (1972) 31-45, 3 tab.
Name list and habitats; no keys or descr.
- *Nomenclatural notes on some species of Flacourtiaceae of India, Burma and Ceylon.* Bull. Bot. Surv. India 14 (1975) 183-184.

- MULLER, J. & P.W. LEENHOUTS, *A general survey of pollen types in Sapindaceae in relation to taxonomy*, p. 407-445, 5 fig., 12 pl., in Ferguson & Muller, *Exine* (1976). Palynologist and taxonomist distinguish 12 pollen types and 13 phylogenetic trends, to which all Radlkofer's 14 tribes are matched; many genera are also discussed. They end up with a phylogenetic scheme which is essentially Radlkofer's upside down, owing to R.'s assumption that evolution proceeded through reductions. The mainly austral Dodonaeoideae are older than the mainly pantropical Sapindoideae. Aceraceae and Hippocastanaceae may deserve tribe rank besides Harpullieae.—M.J.
- MUNSHI, A.H. & G.N. JAVEID, *Polygonum maritimum* L. - A new record for India. *Indian For.* 102 (1976) 360-361, 1 fig.
- MURATA, G. *A list of plants collected by the Chiba University Rolwaling Himal Expedition, 1963* (4). *Acta Phytotax. Geobot.* 27 (1976) 106-113.
Monocots, Conifers.
- *On Solanum ciliatum* Lam. and its allies. *Acta Phytotax. Geobot.* 27 (1976) 133-136, 1 fig.
- MURTI, K. *New records of two taxa for Madhya Pradesh.* *Bull. Bot. Surv. India* 14 (1975) 187, 2 fig.
Stylidium, kunthii, Chirita bifolia.
- MURTY, U.R. *Taxonomy of the genus Apluda* L. (Gram.) *Bull. Bot. Surv. India* 14 (1975) 149-151.
- NAIK, V.N. & B.W. PATUNKAR, *Two new grasses from Marathwada.* *Bull. Bot. Surv. India* 15 (1976) 157-159, 2 fig.
Of Isachne and Tripogon.
- NAIR, N.C. *Floral morphology and embryology of Myristica malabarica* Lamk. with a discussion on certain aspects of the systematics of Myristicaceae. In Murty c.s. (ed.), *Advances in Plant Morphology* (1972) 264-277, 37 fig.
- NAIR, R.V. *Heterostyly and breeding mechanism of Nymphoides cristatum* (Roxb.) O. Kuntze. *J. Bomb. Nat. Hist. Soc.* 72 (1976) 677-682, 2 fig., 1 tab.
Gynodioecism; propagation by bulbils.
- NAIR, V.J. & D.S. PANDEY, *On the occurrence of Lepidium rudera-le* Linn. and *Lepidium virginicum* Linn. (Brassicaceae) in South India. *Bull. Bot. Surv. India* 14 (1975) 157.
- NAITHANI, B.D. *Two interesting records from western Himalaya.* *Bull. Bot. Surv. India* 14 (1975) 171.
Leontopodium fimbrilligerum and *Rhododendron nivale.*

- NAITHANI, H.B. & M.B. RAIZADA, *New distributional records of eleven plants in India, Nepal and Burma*. Indian For. 102 (1976) 675-688, 2 pl.
- NASIR, Y. *Valerianaceae*. Fl.W.Pak. no. 101 (1976) 1-21, 5 fig.
- NASUTION, R.E. *Ekspedisi Botani ke beberapa daerah di Sumatera. Botanical expedition to some areas in Sumatra*. Bul. Kebun Raya 2 (1975) 55-60, 1 map.
- & S. SASTRAPRADJA, *Mengenal nilai guna Kenanga (Cananga spp.) (Annon.)*. Bul. Kebun Raya 2 (1975) 67-75, 6 fig. In Indonesian language; summary.
- & ----- *Mengenal marga Eria dan jenis-jenisnya di pulau Jawa*. Bul. Kebun Raya 2 (1976) 163-170, 2 fig., 2 tab. In Indonesian language. Generality about Eria; key to some groups.
- NAYAR, M.P. *A new combination and notes on the genus Campimia Ridl. (Melastomataceae)*. Bull. Bot. Surv. India 14 (1975) 188-189.
Revision; 1 sp. in Malaya, 1 in Borneo.
- *A new species of Sonerila (Melastomataceae) from Kerala, S. India*. J. Bomb. Nat. Hist. Soc. 71 (1976) 632-633, 1 fig.
- *The status of genus Phaulanthus Ridley (Melast.)* J. Bomb. Nat. Hist. Soc. 72 (1976) 878-882.
Reduced to *Anerincleistus* Korth.; 4 new comb.; census of the 8 spp.
- *Notes on Asian Melastomataceae (1). Notes on the genus Phyllagathis Bl.* J. Jap. Bot. 51 (1976) 230-234.
Discussion on delimitation of the genus; 6 spp. descr. (1 new, 1 new var., 1 new comb.).
- *The systematic position of genus Creochiton Bl. (Melast.)* Bull. Bot. Surv. India 15 (1976) 147-148.
- *A note on the genus Allomorpha Bl. and a new species from Malaya (Melast.)* Bull. Bot. Surv. India 15 (1976) 169-171, 1 fig.
- & G.S. GIRI, *A synopsis of the genus Hymenandra A. DC. and a new species from Burma (Myrsin.)* J. Bomb. Nat. Hist. Soc. 72 (1976) 818-821, 1 fig.
Key to 3 spp. (1 new).
- & ----- *A new species of Ardisia from northeast India (Myrsin.)* J. Bomb. Nat. Hist. Soc. 72 (1976) 825-826, 1 pl.
Aff. *A. blumei* A. DC.

- NESBITT, L.T. *Raising Australian Terrestrial Orchids from Seed*. The Orchadian 5 (1976) 58-63, 2 pl.
On species of *Pterostylis*, *Thelymitra*, etc.
- NG, F.S.P. *Germination of fresh seeds of Malaysian trees. II*. Malays.For. 38 (1975) 171-176, 4 tab.
Tables with data.
- *Notes on the systematy of Malayan Phanerogams XXIV. Ericaceae*. Gard.Bull.Sing. 28 (1976) 231-234, 2 pl.
2 new species of *Vaccinium*.
- *A new species of Erythroxylum in Malaya*. Gard.Bull.Sing. 28 (1976) 235-236, 1 fig.
- NOOTEBOOM, H.P. *Symplocaceae*. Ident.Lists Mal.Spec. no. 47 (1976) 812-878.
- * NUMATA, M. & N.YOSHIZAWA, *Weed Flora of Japan illustrated by colour*. Japan.Assoc.Advancement of Phyto-Regulation. Publ.Kumiai Chemic.Indus.Co.Ltd. (Aug. 1976) 515 pp., 826 col.photogr. (7 x 5 cm), 557 fig. (black/white).
\$ 40.
556 taxa listed in index. Not seen.
- NUR, N. *Studies on pollination in Musaceae*. Ann.Bot. 40 (1976) 167-177, 2 fig., 5 tab.
Interesting observations and experiments with *Musa* species in relation to bats and sunbirds.
- * OHASHI, H. *The Flora of Eastern Himalaya. 3rd Report. Results of the botanical expeditions to Eastern Himalaya in 1972 organized by the University of Tokyo*. Univ.Tokyo Press (May 1975) xv + 458 pp., 33 pl., buckram. £ 17.30
- *Nomenclatural changes in several Himalayan Leguminosae*. J.Jap.Bot. 50 (1975) 305-309.
On *Shuteria*, *Cassia*, *Millettia*, *Vigna*, *Caragana* and *Chesneya*; a few subspecies, new epithets.
- & Y.TATEISHI, *Mucuna macrocarpa and M. gigantea (Leguminosae) in Japan and Formosa*. J.Jap.Bot. 51 (1976) 161-168, 3 fig.
Critical notes; several reductions.
- OHBA, H. *On the genus Sedum in Burma*. J.Jap.Bot. 50 (1975) 353-361, 1 fig.
10 spp. listed (1 new).
- OHLE, H. *Beiträge zur Kenntnis der als Obstpflanzen kultivierten Passiflora-Arten*. Kulturpflanze 23 (1975) 107-129.
Key to 19 spp.

- OLDEMAN, L.R. *An agro-climatic map of Java*. Contr.Res.Inst. Agric.Bogor 17 (1975) 1-22 + map.
Introductory text gives the arguments and rain figures. The map, based on the 200 mm a month needed by rice, is 1 : 1,000,000, in 9 colours according to the number of consecutive dry months. The climatic map in Flora of Java 2 (not cited) is based on the number of consecutive dry days during the 4 driest months; this far better reflects the differences in vegetation, as can be seen in easternmost Java. Execution good.—M.J.
- * ORCHARD, A.E. *Taxonomic revisions in the family Haloragaceae. I. The genera Haloragis, Haloragodendron, Glischrocaryon, Meziella and Gonocarpus*. Bull.Auckl.Inst.& Mus. no. 10 (1975) 1-299, 326 fig. & maps.
A world revision preceded by general chapters on morphology, vascular anatomy, wood anatomy, embryology, palynology, phytochemistry, with remarks on possibly related families and summary of relationships. Data on species very extensive with maps and enumeration of all specimens. Loudonia replaced by the correct name Glischrocaryon. Haloragodendron n.g. is a split from Haloragis, obviously according to the key only different from Glischrocaryon by vegetative characters. Gonocarpus (to which former subgenus all Malesian spp. belong) is reinstated as a genus. To the Malesian treatment there is one difference, viz that a small-leaved race of Haloragis halconensis is recognized on specific level, with which we cannot agree with regard to the very variable habit in H. halconensis. There are a large number of new combinations by transfers and there is a small sprinkling of new species. The key to the genera does not work for all Myriophyllums, as there are several with bisexual flowers possessing petals. It is also impractical as male plants cannot be identified to genus with this key.—v.St.
- OZA, G.M. *Wild arboreum cotton of Baroda - A primitive form of Gossypium arboreum Linn.* Bull.Bot.Surv.India 14 (1975) 167-168, 1 pl.
- *Hemigraphis hirta (Vahl) T.Anders.* - A new record for Bombay (Acanth.) J.Bomb.Nat.Hist.Soc. 71 (1976) 634-635, 1 fig.
- PAL, D.C. & D.K.BANERJEE, *Some less known plant foods among the tribals of Andhra Pradesh and Orissa State*. Bull. Bot.Surv.India 13 (1971) 221-223; rcvd 1976.
- PANCHO, J.V. *Philippine aquatic weeds*. Kalikasan 5 (1976) 37-91, 35 fig. — Key to 39 spp. incl. non-vascular plants.

- PANIGRAHI, G. *Notes on a species of Euphorbia (Euphorbiaceae) from the Indian region.* Kew Bull. 30 (1975) 531-532.
- *Chlorophytum orchidastrum sens.lat. (Liliac.) from Africa & Asia.* Kew Bull. 30 (1975) 563-567.
Key to 4 spp. (1 also in Malaya).
- *The genus Adenostemma (Compositae) in the Indian Region.* Kew Bull. 30 (1975) 647-655.
Key to the 8 varieties of *A. lavenia sens.lat.* in the Indian region; 4 new comb.
- *A note on Plantago exigua (Plantaginaceae) and certain related taxa.* Kew Bull. 30 (1975) 669-673.
Key to 3 spp., descr. of *P. exigua* in India.
- & P.TAYLOR, *A new species of Listera (Orchid.) from the Himalayas.* Kew Bull. 30 (1975) 559-561, 1 fig.
- PANT, P.C. *Occurrence of Chonemorpha griffithii Hook.f. (Apocynaceae) and Psilotrichum ferrugineum (Roxb.) Moq. (Amaranthaceae) in the Kumaon region.* Bull.Bot.Surv. India 14 (1975) 168-169.
- PARABIA, M.H. & G.L.SHAH, *Notes on some interesting Cyperaceae of Gujarat.* J.Bomb.Nat.Hist.Soc. 72 (1976) 886-888.
Some species of *Cyperus* and *Fimbristylis*.
- PATERSON, A. *An expedition to Indonesia.* J.Kew Guild, Events of 1974, 9 (1975) 310-313.
Brief report of trips in West Java and South and Central West Sumatra, with the purpose to collect seed and living material of ferns, orchids and other plants for cultivation in British greenhouses, mostly in the company of Dr. Rifai and Dr. Dransfield. See also p. 2779.
- PATHAK, P.S., R.DEBROY & P.RAI, *Autecology of Leucaena leucocephala (Lam.) De Wit. I. Seed polymorphism and germination.* Trop.Ecol. 15 (1974) 1-10, 3 fig., 8 tab.
- * PAIJMANS, K. (ed.), *New Guinea vegetation* (1976). — Reviewed on page 2873.
- PEREGRINE, W.T.H., KASSIM BIN AHMAD & SERUDIN BIN Hj. TINGGAL, *Diseases of orchids in Brunei.* Brunei Mus.J. 3, no. 3 (1975) 221-225.
- PETARD, P. *Raau Tahiti, plantes médicinales polynésiennes et remèdes tahitiens.* Commis.Pacif.Sud, Doc.techn. 167 (1972) 1-86.
- PETTIGREW, C.J. & L.WATSON, *On the classification of Australian Acacias.* Austr.J.Bot. 23 (1975) 833-847, 2 fig., 7 tab.
Numerical analysis of 171 spp. Leads to a new subdivision into two main series.

- PHENGKLAI, C. *Studies in Flora of Thailand*. Thai For. Bull. Bot. no. 9 (1975) 1-11, 4 fig.
Treatment of Hippocast., Cannab., Irvingiac., Casuar.
- PHILIPSON, W.R. *The generic status of the southern hemisphere Gentians*. In Murty c.s. (ed.), *Advances in Plant Morphology* (1972) 417-422, 6 fig.
Discussion of flower types; no conclusion on generic limits.
- *A synopsis of the Malesian species of Osmoxylon (including Boerlagiodendron), Araliaceae*. *Blumea* 23 (1976) 99-119.
Key to 41 species.
- POLHILL, R.M. *Genisteae (Adans.) Benth. and related tribes (Leguminosae)* (1976). — Reviewed on page 2876.
- & W.T. STEARN, *Linnaeus's notes on Plumier drawings with special reference to Mimosa latisiliqua*. *Taxon* 25 (1976) 323-325, 1 fig.
Leucaena leucocephala (Lamk) De Wit remains the correct name.
- POWELL, J.M. *Ethnobotany*, p. 106-183 in Paijmans, *New Guinea vegetation* (1976). — Reviewed on page 2873.
- PRAKASH, N. & Y.Y. LAU, *Morphology of Ploiarium alternifolium and the taxonomic position of Ploiarium (Theac.) Bot. Notis.* 129 (1976) 279-285, 3 fig.
Suggest insertion in Bonnettiaceae rather than Theaceae on morphological, anatomical and embryological arguments.
- PRAMANIK, B.B. *On the nomenclature of Microcarpaea muscosa R.Br. (Scrophulariaceae)*. *Bull. Bot. Surv. India* 14 (1975) 172-173.
= *M. minima*.
- * PRYOR, L.D. *The biology of Eucalypts*. Edward Arnold Publ. Ltd. Inst. Biol. London, *Studies in Biol.* no. 61 (1976) 82 pp. illus.
General features discussed.
- * RAGEAU, J. *Les plantes médicinales de la Nouvelle-Calédonie*. *Trav. et docum. ORSTOM* no. 23 (1973) 139 pp., fig.
600 spp. listed, mostly introduced plants, arranged by families.
- RAIZADA, M.B. *Name changes in plants*. *Indian For.* 102 (1976) 203-211.
Explanation of nomenclature to foresters.

- *RAMASWAMY, S.V. & B.A. RAZI, *Flora of Bangalore District*. Publ. by Director, Prasaraṅga, Univ. Mysore, Manasaḡangotri, Mysore-570012, (1973) L + 740 pp.; 8vo.
A complete local flora; chromosome numbers listed.
- RAMAYYA, N. & T. RAJAGOPAL, *Systematics, distribution and anatomy of the two Indian species of the genus Elatine L.* Bull. Bot. Surv. India 13 (1971) 328-337, 48 fig.; rcvd 1976.
Key to 2 spp.
- & ----- *Pseudowolffia hyalina* (Del.) Hart. & Plas (Lemnaceae) - A new record for Asia from Hyderabad (India). Aquatic Bot. 1 (1975) 71-73, 1 fig.
From Africa; all localities in or around Hyderabad city. — This rouses the suspicion that the species could have been introduced.—v. St.
- RAO, A.S. & N.C. DEORI, *Galeola altissima* (Bl.) Reichb. f. - First report of its occurrence in India, from North Cachar Hills, Assam. Bull. Bot. Surv. India 15 (1976) 123-125, 1 pl.
- & P.K. HAJRA, *Goodyera macrantha* Maxim - from Kameng District, Arunachal Pradesh. Indian For. 102 (1976) 197-199, 8 fig.
- & ----- *Sebaea khasiana* C.B. Cl. - A little known Gentianaceae herb from Kameng District, Arunachal Pradesh. Bull. Bot. Surv. India 15 (1976) 145-146, 2 fig.
- & ----- *Ariopsis peltata* Nimmo, first report of a poorly known aroid, from Kameng Dist., Arunachal Pradesh, India. Bull. Bot. Surv. India 15 (1976) 171-173, 2 fig.
- & D.M. VERMA, *Curcumorpha* - A new genus of Zingiberaceae. Bull. Bot. Surv. India 13 (1971) 339-341, 10 fig.; rcvd 1976.
Based on *Gastrochilus longiflora* Wall.
- & ----- *Materials towards a monocot flora of Assam. II. Zingiberaceae & Marantaceae.* Bull. Bot. Surv. India 14 (1975) 114-143, 5 pl.
Keys to genera and species.
- RAO, R.S. & K. HEMADRI, *Pimpinella katrajensis* Rolla Rao et Hemadri - A new species of Apiaceae from the Sahyadri Ranges, Maharashtra State. Indian For. 102 (1976) 232-234, 7 fig.
- RAO, T.A. *Distributional resume of the maritime strand flora of India.* Bull. Bot. Surv. India 13 (1971) 192-202; rcvd 1976.

- , A.R.K.SASTRY, P.BASU & N.R.MANDAL, *A contribution to the coastal flora and vegetation of Tamil Nadu (India)*. Indian For. 101 (1975) 460-475, 1 fig.
East coast of the Deccan, Peninsula. Plant list.
- RATAJ, K. *New cultivated species of the genus Cryptocoryne* (Arac.) Folia Geobot. et Phytotax. 9 (1974) 313-314, pl. 15-16.
3 new spp. and a new var. based on SE. Asian material but without precise provenance.
- RATNASABAPATHY, M. *A recent find of a rare legume, Christia vespertilionis (L.f.) Bakh.f.* Sains Malaysiana 3 (1974) 177-180, 4 fig.
A weed first introduced in Penang, now also found in orchid beds in Selangor. — The species is characteristic of the monsoon flora and is hence not a native of Malaysia.—v.St.
- *RAU, M.A. *High altitude flowering plants of West Himalaya*. Bot. Survey of India, Indian Botanical Garden, Howrah-3 (19??) viii + 234 pp., illus. US\$ 4.75.
Brief introduction on habitats; descr. of some select beautiful species; each family with a key to its genera; species names listed.
- RAYNAL, J. *Une Lobéliacée polynésienne nouvelle*. Adansonia 16/3 (1976) 379-382, 1 pl.
Sclerotheca jayorum n.sp.
- RENVOIZE, S.A. *A new species of Danthonia (Gramineae) from Tasmania*. Kew Bull. 30 (1975) 596.
- RIDSDALE, C.E. *Leeaceae*. Fl. Males. i 7 (1976) 755-782, 24 fig.
----- *Leeaceae*. Ident. Lists Mal. Spec. no. 51 (1976) 917-937.
----- *A revision of the tribe Cephalantheae (Rubiaceae)*. Blumea 23 (1976) 177-188.
Full taxonomic treatment and key to 6 spp. of *Cephalanthus*; 1 sp. in South Africa, 2 in SE. Asia, 3 in the New World.
- *ROBBINS, R.G. (ed.), *Lands of the Ramu-Madang area, Papua New Guinea* (1976). — Reviewed on page 2877.
- ROEDJITO, S.W. *Serba-serbi Anggrek Bulan (Phalaenopsis amabilis Bl.)* (Orch.) Bul. Kebun Raya 2 (1975) 85-91, 3 fig.
In Indonesian language; summary.
- ROJO, P.J. *Shorea virescens Parijs, a hitherto unrecorded Philippine dipterocarp*. Kalikasan 5 (1976) 99-108, 2 fig., 1 tab.

- ROYEN, P. VAN, *Kerigomnia*, a new genus of orchids from New Guinea. Contr. Herb. Austr. no. 12 (1976) 4 pp., 1 fig.
N.g., n.sp.; belongs to Thelasiaceae; 2900-3050 m alt.
- SAHNI, K.C. & H.B. NAITHANI, A new species of *Cyperus* from India. Indian For. 102 (1976) 357-359, 1 fig.
- & ----- A new species of *Derris* Lour. from India. Indian For. 102 (1976) 492-494, 1 fig.
- SARKAR, A.K., N. DATTA & U. CHATTERJEE, Chromosome survey of certain Angiosperms. I. Bull. Bot. Surv. India 14 (1975) 170.
15 records.
- & J.N. MITRA, The order Rhodales in Eastern India. II. Families other than Brassicaceae. Bull. Bot. Soc. Beng. 28 (1974) 5-18.
Key to species of Papaveraceae, Fumariaceae, Cappara-ceae, Resedaceae, Moringaceae.
- SASTRAPADJA, S. Tropical fruit germplasm in South East Asia, p. 33-46 in Williams e.a., SE. Asian plant genetic resources (1975).
A list, with explanatory text, indicating degrees of genetic erosion, for 29 genera (Mangifera in detail), 106 spp., in 5 countries. Botanical gardens are claimed as workable sanctuaries.—M.J.
- , I. LUBIS, S.H.A. LUBIS & D. SASTRAPADJA, Studies in the Javanese species of *Canavalia* II. Variation in mature and seedling characters. Ann. Bogor. 6 (1976) 97-110, 7 fig., 1 tab.
- SASTRY, A.R.K. & T.A. RAO, Studies on the flora and vegetation of coastal Andhra Pradesh, India. Bull. Bot. Surv. India 15 (1976) 92-107.
Introduction and name list.
- SASTRY, T.C.S. & K. KASHYAPA, *Syzygium cumini* (Linn.) Skeels var. *axillare* (Gamble) comb. nov. (Myrt.) J. Bomb. Nat. Hist. Soc. 72 (1976) 882-883.
- SCHLANGER, S.O. & G.W. GILLETT, A geological perspective of the upland biota of Laysan Atoll (Hawaiian Is.). Biol. J. Linn. Soc. 8 (1976) 205-216, 3 fig.
Leeward Hawaiian island; existed 15 ml/y ago as high volcano on an isl. lineage to 170 E 30 N, which then continued northward in the Emperor Seamount Chain reaching as far as the W. Aleutians. There are 9 genera of upland & montane lineages of upland animals and plants (*Santalum*, *Schiedea*, *Phyllostegia*, *Lipochaeta*, and *Pritchardia*) considered to be relicts in a refugium;

the thesis that these are recent arrivals is rejected, in view of the geological history of the island.

SCHMID, M. *La flore et la végétation de la partie méridionale de l'Archipel des Nouvelles Hébrides*. Phil. Trans. R. Soc. Lond. B 272 (1975) 329-342.

Aneityum and Erromanga have primary vegetation, Tanna is secondary. Forest types: Agathis-Calophyllum; cloud forest; Euphorb thickets; open Acacia spirorbis forest; Myrtaceae-Vaccinium thickets; grassland. Flora is poorer than in related Fiji.—M.J.

*----- *Végétation du Viet-Nam* etc. (1975). — Reviewed on page 2877.

SCHOENIG, E. e.a. *Mount Apo Expedition: A botanical and entomological survey*. The Philippine Scientist 12 (1975) 32-59.

Exploration by a team of the University of San Carlos, Cebu City; botanical itinerary pp. 33-42, with vegetation descr. and name lists.

SEIDENFADEN, G. *Orchid genera in Thailand IV. Liparis* L.C. Rich. Dansk Bot. Ark. 31 (1976) 1-105, 65 fig.
Revision of Liparis.

SENGHAS, K. *Vandopsis lissochiloides* (Gaud.) Pfitz. Die Orchidee 27 (1976) 193, fig.

----- *Amesiella, eine alte und neue Orchideengattung von den Philippinen*. Die Orchidee 27 (1976) 241-244, 3 Abb.
Based on Angraecum philippinensis.

SHAH, G.L., A.I. PATEL & V.K. SINGH, *Additions to the flora of Rajpipla forest division, Gujarat*. Bull. Bot. Surv. India 13 (1971) 203-211; rcvd 1976.
List of 202 species.

----- & D.V. YOGI, *Some more plants from Khedbrahma region, North Gujarat*. Bull. Bot. Surv. India 13 (1971) 282-284; rcvd 1976.
List of 49 species.

SHARMA, B.B. *The bilocular ovary of Kigelia* (Bign.) Geophytology 6 (1976) 63-64, 1 pl.

SHARMA, B.D. & N.C. RATHAKRISHNAN, *Identity of Coelogyne angustifolia sensu Wight* (Orch.) Bull. Bot. Surv. India 13 (1971) 349-351, 2 pl.; rcvd 1976.
Reduced to C. odoratissima.

----- , B.V. SHETTY & S. KARTHIKEYAN, *Studies on the vascular flora of Mahendragiri Hill and the surrounding regions, Kanyakumari and Tirunelveli Districts, Tamil Nadu*. Bull. Bot. Surv. India 15 (1976) 45-70, 2 pl.

- SHAW, H.K.AIRY, *New or noteworthy Australian Euphorbiaceae*.
Kew Bull. 31 (1976) 341-398, 2 fig.
Important contribution to Indo-Australian Euphorbiaceae
incl. a new genus, n.spp. and new records for Australia
too many to put on record here.
- SHETTY, B.V. & K.VIVEKANANTHAN, *New and little known taxa from Anaimudi and surrounding regions, Devicoolam, Kerala. IV. Notes on some rare species*. Bull.Bot.Surv.India 14 (1975) 19-23.
Some records.
- & ----- *Ditto. V. A new variety of Pogostemon travancoricus Bedd. (Lab.)* Bull.Bot.Surv.India 15 (1976) 155-157, 1 fig.
- SIDDIQUI, M.O. & S.N.DIXIT, *Some noteworthy plant species from Gorakhpur*. J.Bomb.Nat.Hist.Soc. 72 (1975) 620-621.
List of 10 records.
- * SIMMONS, J.B. e.a. (ed.), *Conservation of threatened plants* (1975). — Reviewed on page 2879.
- SINGH, G. & B.A.WAFAI, *Some additions to the list of plants of Doda District of Jammu & Kashmir*. Bull.Bot.Surv.India 13 (1971) 290-291; rcvd 1976.
List of 56 species.
- SINGH, O.P. & S.K.SINGH, *Aquatic Angiosperms of Jaunpur*. Bull. Bot.Surv.India 14 (1975) 104-113.
Records listed.
- SINGH, S.K. & S.N.DIXIT, *Forest Flora of Nichlaul. IV. Trees*. Bull.Bot.Surv.India 14 (1975) 46-70.
109 spp. of 91 genera in seasonal forest.
- SINGH, V. *Some interesting plants from Rajasthan*. J.Bomb.Nat. Hist.Soc. 72 (1975) 612-615.
- SITHOLEY, R.V. *Plants represented in ancient Indian sculpture*. Geophytology 6 (1976) 15-26, 47 fig.
Certain interpretation certainly wrong, e.g. fig. 36
Annona squamosa, 200 b.C.
- SIVARAJAN, V.V. *A new species of Lindernia (Scrophulariaceae) from India*. Kew Bull. 31 (1976) 151-153, 1 fig., 1 tab.
- SMALL, E. & A.CRONQUIST, *A practical and natural taxonomy for Cannabis*. Taxon 25 (1976) 405-435, 10 fig.
Subspecies and varieties; no key.
- SOENARKO, S. *A new species of Cymbopogon Spreng. (Gramineae) from Burma*. Reinwardtia 9 (1975) 183-185, 1 fig.
C. mandalalaensis sp.nov.

- SOEPADMO, E. *Wild Orchids*. Nature Malaysiana 1 (1976) 26-31, 14 col. fotogr.
Introduction to orchids of Malaya with descr. of habit and habitat.
- SOEROHALDOKO, S. *Penyebaran Anggrek Larat di Indonesia*. *Dendrobium phalaenopsis* Fitzg. (Orch.) Bul. Kebun Raya 2 (1975) 97-106, 1 map, 6 tab.
In Indonesian language; summary.
- SOEWANDA AMONG PRAWIRA, R. *Pengenalan jenis-jenis pohon ekspor Serie KE: VI*. Lembaga Penelitian Hutan, Laporan no. 212 (1975) 34 + 18 pp. mimeogr., plates.
Export timbers; in Indonesian language.
- *Pengenalan jenis-jenis pohon ekspor Serie KE: VII*. Lembaga Penelitian Hutan, Laporan no. 214 (1975) 27 + 14 pp. mimeogr., plates.
Export timbers; in Indonesian language.
- *List of tree species of West Java*. Lembaga Penelitian Hutan, Laporan no. 219 (1976) 124 pp. mimeogr., 51 pl.
In Indonesian language. Revised list from that of 1951.
- *Pengenalan jenis-jenis pohon ekspor Serie KE: VIII*. Lembaga Penelitian Hutan, Bogor, Laporan no. 225 (1976) 26 + 9 pp., 26 plates.
In Indonesian language. Export timbers; each species a plate and botanical and technical data.
- SOHMA, K. *Pollen morphology of the Japanese species of Utricularia L. and Pinguicula L. with notes on fossil pollen of Utricularia from Japan (1-2)*. J. Jap. Bot. 50 (1975) 164-179, 193-208, 65 fig.
- SOM DEVA, *Solanum rostratum* Dunal. A new record for India. Indian For. 102 (1976) 138-139, 1 fig.
- SPONGBERG, S. A. *Magnoliaceae hardy in temperate North America*. J. Arn. Arb. 57 (1976) 250-312, 6 fig.
Keys to species.
- STANTON, W. R. *Palms as a source of 'Energy from plant Biomass'*. Report on Sago (1976) Kuching, 3 pp. stencilled.
Part of a symposium, held in Kuching, on the sago palm, and allied species, as a source of starch for food and industry.
- *STAFLEU, F. A. & R. S. COWAN, *Taxonomic literature 2nd ed. Vol. 1: A-G* (1976). — Reviewed on page 2881.
- START, A. N. & A. G. MARSHALL, *Nectarivorous bats as pollinators of trees in West Malaysia*, p. 141-150 in Burley & Styles, *Tropical trees* (1976).

Biology of the 3 bat species who may fly 38 km and largely live on commercial plants; *Musa*, *Durio* and *Parkia* probably depend on bats for pollination. Threatening of the bats also endangers these plants.—M.J.

*STEARNS, W.T. *The Australian flower paintings of Ferdinand Bauer* (1976). — Reviewed on page 2882.

----- *Turbina corymbosa* (Convolv.) Curtis Bot.Mag. n.s. 181 (1976) t. 718.

----- *Frank Ludlow (1885-1972) and the Ludlow-Sherriff expeditions to Bhutan and South-eastern Tibet of 1933-1950.* Bull.Br.Mus. (Nat.Hist.) 5 (1976) 243-268, 1 map. After the flowery narrative of these expeditions by H.R.Fletcher (see there), dates and localities are now listed, also a gazetteer with latitude and longitude in Tibet and in Bhutan/Sikkim. List of publications by Ludlow. Some passages from diaries and other documentation. In the same issue some posthumous new taxa by Ludlow, edited by Stearn.—M.J.

STEBBINS, G.L. & R.D.HOOGLAND, *Species diversity, ecology and evolution in a primitive Angiosperm genus: Hibbertia (Dilleniaceae).* Plant Syst.Evol. 125 (1976) 139-154, 4 fig.

Introduction on diversity of leaves, inflorescences and flower diagrams; chromosomes; geogr. radiation.

STEENIS, C.G.G.J.VAN (c.s.), *Addenda, corrigenda et emendanda.* Fl.Males. 1 7 (1976) 820-831.

----- *Conspectus of the genera Radermachera and Fernandoa in Indo-Malesia* (Bignon.) Blumea 23 (1976) 121-138, 1 fig. Key to 15 spp. of *Radermachera*; *Mayodendron* reduced; key to 6 spp. of *Fernandoa*; *Spathodeopsis*, *Haplophragma* and *Hexaneurocarpon* reduced. Several n.spp. and n.comb.

----- *Miscellaneous botanical notes XXIV.* Blumea 23 (1976) 139-140.

Leptonychiopsis reduced to *Leptonychia*; note on *Pterygota* in Malesia; both *Sterculiaceae*.

STEVENS, P.F. *The altitudinal and geographical distributions of flower types in Rhododendron section Vireya, especially in the Papuasian species, and their significance.* Bot.J.Linn.Soc. 72 (1976) 1-33, 3 fig.

127 spp. in 5 floral types; bird, sphingid and butterfly pollination.

ST.JOHN, H. *Cenchrus laysanensis of the Leeward Islands.* Haw. Pl.Studies 47 (Gram.) Phytologia 31 (1975) 22-24, 1 fig. Variety raised to specific rank.

- *The status of Jacquemontia sandwicensis (Conv.)*. Haw. *Pl. Studies* 57. *Phytologia* 33 (1976) 423-428.
Key to varieties.
- *Miscellaneous taxonomic notes*. Haw. *Pl. Studies* 58.
Phytologia 34 (1976) 147-148.
New comb. in *Xylosma* (based on *Antidesma crenatum* St. John), salmon-coloured variety of *Thevetia peruviana*.
- *Additions to the Higher Flora of Wake Island*. *Pac. Pl. Studies* 30. *Phytologia* 34 (1976) 284.
Ident. from colour photogr.; additions to list by Fosberg & Sachet (1969).
- *New combinations in Zanthoxylum (Rut.) Rhodora* 78 (1976) 73-74.
Nomencl. transfers of varieties.
- *A new species of Panicum (Gramineae) from Molokai*. Haw. *Pl. Studies* 42. *Rhodora* 78 (1976) 542-545, 1 fig.
- *A plant collection from Niue Island by Jensen in 1876*. *Pac. Pl. Studies* 29. *Bot. Mag. Tokyo* 78 (1976) 235-240, 1 fig.
List; 1 n.sp. of *Myoporum*.
- *A new form of Alyxia olivaeformis Gaud. (Apoc.)*. Haw. *Pl. Studies* 50. *Phytologia* 34 (1976) 388-389, 1 fig.
- *A new Peperomia (Piperaceae) from Maui*. Haw. *Pl. Studies* 48. *Phytologia* 34 (1976) 362-364, 1 fig.
- STONE, B.C. *Studies in Malesian Pandanaceae. XV. Two new species of Pandanus from Mt. Kinabalu, Sabah (Borneo) and notes on the Pandanaceae of Mt. Kinabalu*. *Malays. J. Sci.* 3(A) (1975) 69-74, 2 fig.
- *Ditto. XVI. Notes on Philippine taxa*. *Kalikasan* 5 (1976) 19-36, 2 fig.
Mostly consisting of reductions in *Pandanus* and *Freycinetia*; 1 n.sp. of *Pandanus*.
- STYLES, B.T. *Sir William Jones' names of Indian plants*. *Taxon* 25 (1976) 671-674.
Calls attention to a catalogue of 78 Indian plants with Sanskrit names (in *Asiatick Researches* 4, 1795, 237-312) in part with Linnean equivalents. From this emerges a proposal to conserve *Toona* (Meliac.) against the name *Cuveraca*. This seems to me a superfluous proposal as in Jones' amateur work the Linnean system of nomenclature was not consistently employed judging from the comments.

- & P.K.KHOSLA, *Cytology and reproductive biology of Meliaceae*, p. 61-67 in Burley & Styles, *Tropical trees* (1976).
Oxford work accounted for: taxonomy of timber genera, plantation species, biology of hardwood trees, reforestation, breeding in Swietenia. Chromosomes vary from $2n = 12$ to c. 360, examples: Aglaia 40 and 80, Aphanamis 36 and 72, Chisocheton 46 and 92, Dysoxylum 20 and 80, 84, Sandoricum 16 and 32, also 22 and 44. Entomophilous flowers suggest outbreeding but some inbreeding is certain.—M.J.
- SUBBA RAO, G.V. & G.R.KUMARI, *Scleranthus annuus* Linn. - A new record for India (Caryoph.) Bull.Bot.Surv.India 13 (1971) 347-348, 8 fig.; rcvd 1976.
- & ----- *Ensete glaucum* (Roxb.) E.E.Cheesm. - A relict species in the Eastern Ghats (Musac.) Bull.Bot.Surv.India 14 (1975) 164-166, 1 pl.
- & ----- A new variety of *Arundinella setosa* Trin. from India (Gram.) J.Bomb.Nat.Hist.Soc. 72 (1976) 827-828, 1 pl.
- SUHARTI, M. *Root cancer disease on the Paulownia kawakami* Ito trees in Riau (Sumatra). Lembaga Penelitian Hutan, Laporan no. 221 (1976) 16 pp. mimeogr., 8 fig. Imported from Taiwan; fast growing tree, experimented in Riau.
- SUN, CHIEN-CHANG & KING-HSING HANG, *A preliminary survey of seaweeds in the region of Nan-Chi Islands*. Acta Phytotax.Sin. 14 (1976) 51-56.
Names listed. In Chinese.
- SUR, P.R. *Eulaliopsis duthiei* (Poaceae) - A new species from India. J.Bomb.Nat.Hist.Soc. 72 (1976) 815-817, 1 fig.
- SUZUKI, S. *A revision of the Bambusaceous Sasa Makino et Shibata*. Hikobia 7 (1975) 94-109.
- *The range of the genus Sasa Makino et Shibata* (?). Hikobia 7 (1975) 111-116, 2 fig., 2 maps.
- *A revision of the genus Sasaelia Makino (Bambusaceae)* (1). J.Jap.Bot. 51 (1976) 97-103.
- *Ditto* (2). J.Jap.Bot. 51 (1976) 151-158.
- *Ditto* (3). J.Jap.Bot. 51 (1976) 220-224.
- *Ditto* (4). J.Jap.Bot. 51 (1976) 269-277.

- *SYMINGTON, C.F. *Foresters' Manual of Dipterocarps*. Mal.For. Rec. 16 (1943) xlii + 244 pp., was re-issued in 1974 by Penerbit University Malaya, Kuala Lumpur, Malaysia, with 114 fig. added to the original edition, and new foreword. M\$ 35 hardback, M\$ 21 paperback. Copies officially for sale contain also an appendix updating taxonomical names in this classic work. T.C. Whitmore wrote an interesting historical account in *Taxon* 25 (1976) 629-630.
- TAKAHASHI, H. *Studies in Tricyrtis (Liliaceae)*. 2. *On the Formosan species*. *Acta Phytotax. Geobot.* 27 (1976) 169-173, 3 fig., 1 tab.
T. formosana and T. lasiocarpa compared.
- TANG HON TAT & H.E. WADLEY, *A guide to artificial regeneration with particular reference to line-planting in peninsular Malaysia*. For.Res.Inst.Kepong Research Pamphlet no. 68 (1976) 40 pp., 7 tab.
Methodology and suggested species for planting.
- *TANTRA, I.G.M. *A revision of the genus Sterculia in Malesia*. Lembaga Penelitian Hutan, Bogor, Laporan no. 102 (1976) 1-194, 20 fig.
Historical review of the genus; differentiating characters with Brachychiton; comparison with Cola; key to Mal. genera of tribe Sterculieae; infrageneric grouping of Mal. Sterculia spp.; morphological characters of Sterculia; cytotaxonomy; specific delimitation; chemotaxonomy; flower biology & palynology; key to 51 spp., all fully described and specimens cited; a large number of names reduced; 8 n.spp., 1 n.subsp., 8 n.var., 1 n. forma. Note on a presumed fruit tree, S. monosperma; identification list. An excellent major contribution to the revision of Malesian Sterculiaceae. Xylosterculia (American) reduced to Sterculia.—v.St.
- TAYLOR, P. & P.J.B. WOODS, *Cymbidium giganteum* cv. 'wilsonii' (Orch.) *Curtis Bot. Mag.* n.s. 181 (1976) tab. 704.
Species from China.
- TERRELL, E.E. *The correct names for Pearl Millet and Yellow Foxtail*. *Taxon* 25 (1976) 297-304.
- THEOBALD, W.L. *Ethnobotany of the breadfruit*. *Bull. Pac. Trop. Bot. Gard.* 6 (1976) 1-3.
Casual notes.
- THOTHATHRI, K. *Studies in Leguminosae*. XIX. *New Dalbergias from the eastern Himalayas*. *Bull. Bot. Surv. India* 14 (1975) 189-192, 2 fig.
2 spp. (1 new).

- *Ditto*. XXIV. *Notes on the Indo-Burmese species of Deris*. J.Jap.Bot. 51 (1976) 141-150, 4 fig.
Critical notes on 6 spp.; new varieties.
- , S.P.BANERJEE & P.K.HAJRA, *New records of Malesian plants from Great Nicobar Island*. Bull.Bot.Surv.India 15 (1976) 163-166, 3 fig.
- TINDALE, M.D. & B.R.MASLIN, *Two new species of Acacia from Western Australia*. Nuytsia 2 (1976) 86-92, 4 fig. + map.
- TOMEY, W.A. *Cryptocorynen en andere aquariumplanten in de vrije natuur (2)*. Het Aquarium 47 (1976) 120-125, 3 fotogr.
General on hunting aquatics in Malayan streams, mainly Cryptocoryne.
- TOMLINSON, P.B. & J.S.WOMERSLEY, *A species of Rhizophora new to New Guinea and Queensland, with notes relevant to the genus*. Contr.Herb.Austr. no. 19 (1976) 10 pp., 4 fig.
R. lamarckii Montr. found locally near Port Moresby and recorded from Queensland, formerly assumed endemic in New Caledonia; key to all spp. of Rhizophora; suggestion that R. lamarckii is of hybrid origin.
- TONELLY, P.J. *Aspects of the terrestrial orchids in Tasmania*. Amer.Orch.Soc.Bull. 44 (1975) 990-1000, 12 col.phot.
Beautiful colour photographs.
- TOUW, A. & J.F.VELDKAMP, *Een botanische expeditie naar de Star Mountains, Papua New Guinea, 1975*. Stencilled report, Rijksherbarium (May 1976) folio, 14 pp., map.
- TOYAMA, S. & S.ITOW, *The distribution and ecology of a mangrove-like plant, Myoporum bontioides A.Gray (Myoporaceae) in western Kyushu, Japan*. Hikobia 7 (1975) 117-124, 2 maps, 1 pl.
Shingle beach plant, fruit buoyant.
- TRAN DINH LY, *Eine neue Xylinabariopsis-Art aus Hainan (China)*. Feddes Rep. 86 (1975) 499-502, 1 Abb. — Apocyn.
- TUCKER, R. *Germination and seedling of Normanbya normanbyi (Palm.) Principes* 20 (1976) 123-124, 1 fig.
- TUYAMA, T. *On Theopsis chrysantha Hu*. J.Jap.Bot. 50 (1975) 297-299, 1 fig.
Transfer of this taxon to Camellia chrysantha (Hu) Tuyama, comb.nov.
- UHE, G. *The composition of the plant community inhabiting the Green Lake crater, Raoul, Kermadec Islands*. Trop.Ecol. 15 (1974) 119-125, 2 maps, 2 tab.

- *The composition of the plant communities inhabiting the recent volcanic ejecta of Niuafo'ou, Tonga.* Trop.Ecol. 15 (1974) 126-139, 2 maps, 7 tab.
- *The composition of the plant communities inhabiting the recent lava flows of Savii, Western Samoa.* Trop.Ecol. 15 (1974) 140-151, 3 maps, 5 tab.
- URBANSKA-WORYTKIEWICZ, K. *Cytological variation within Lemna L.* Aquatic Botany 1 (1975) 377-394, 27 fig. & maps, 3 tab.
Aneusomaty; mixoploidy; many chromosome numbers.
- UTECH, F.H. & S.KAWANO, *Biosystematic studies in Streptopus (Liliaceae-Polygonatae). II. Taxonomy of the Asian S. streptopoides (Ledeb.) Frye & Rigg.* Acta Phytotax. Geobot. 27 (1976) 97-105, 2 fig.
- VAJRAVELU, E. & J.JOSEPH, *Additions to the Flora of Anamalai Hills, Coimbatore District, Tamil Nadu.* Bull.Bot.Surv. India 13 (1971) 264-273; rcvd 1976.
List of 163 species.
- VARMAH, J.C. *Forest management in Andamans.* Ind. Forester 102 (1976) 73-85, 4 photogr.
The 384 islands consist mainly of sandstone and conglomerates, and serpentine. Eleven forest types are cited, 30% of the forest area is evergreen, 5% semi-evergreen, 45% moist deciduous, 18% mangrove, combined area 7468 sq. km or 90% of the total. Species of trees number 300, commercial are 36, listed. Dipterocarps occur in the Andamans, not in the Nicobars. Silviculture and exploitation are discussed. A team has made proposals for forest 'development' which have been accepted in principle. Conservation aspects were considered, but no areas mentioned.—M.J.
- VASUDEVAN, K.N. *Contribution to the cytotaxonomy and cytogeography of the Flora of the Western Himalayas (with an attempt to compare it with the Flora of the Alps). Part II.* Ber.Schweiz.Bot.Ges. 85 (1975) 210-252, 139 fig., 6 tab.
- VELDKAMP, J.F. *Panicum ciliatum Ell. (Gram.) has to be called P. leucoblepharis Trin.* Taxon 25 (1976) 185-186.
- *Digitaria (Gramineae).* Ident.Lists Mal.Spec. no. 52 (1976) 938-952.
- VIDAL, J.E. & S.HUL THOL, *Césalpiniacées asiatiques nouvelles.* Adansonia ser.2, 15 (1976) 391-396, 2 pl.
1 n.sp. in Caesalpinia (Vietnam) and Pterolobium (China).

- & ----- *Révision des Caesalpinia asiatiques*. Bull.Mus. Nat.Hist.Nat. sér.3, no. 395, Bot. 27 (1976) 69-135, 14 pl.
Key to 28 spp. (incl. *Mezoneuron*); 2 new comb.
- VIJAYARAGHAVAN, M.R. & A. VIDYA KUMARI, *Embryology and systematic position of Zannichellia palustris* L. J.Indian Bot. Soc. 53 (1974) 292-302, 6 fig.
- VOGEL, E.F.DE, *Verlag over een Leids kiemplantenproject in Indonesië*. Overzicht Int.Univ.Samenwerking vol.5 (1976) no. 10, p. 10-15, 5 fig.
In Dutch. Concise report of De Vogel's exploration in Indonesia; 3500 collections; among which 650 with ripe fruit; main object gather seed for rejuvenation of Botanic Gardens Bogor in which many trees planted 150 years ago are overmature; large-scale germination plots; educational aspects. A large book, richly illustrated on germination and seedlings is in preparation.
—v.St.
- * WALKER, E.H. *Flora of Okinawa and the southern Ryukyu Islands* (1976). — Reviewed on page 2885.
- WALKER, J.W. *Evolutionary significance of the exine in the pollen of primitive angiosperms*, p. 251-308, 6 fig., 14 pl., in Ferguson & Muller, *Exine* (1976).
Examination of 36 families, many Malesian. Terminology explained. Magnoliaceae very interesting; Annonaceae the most diverse of Ranales, 3 subfamilies outlined; in Myristicaceae still much to discover; Piperaceae also badly known. Only in exine stratification can angiosperm and gymnosperm pollen be separated. Author suggests several re-groupings on 4 main trends in the pollen.—M.J.
- WANG, CHIN-LING, *Review on the classification of soybeans*. Acta Phytotax.Sin. 14 (1976) 22-30, 1 tab.
English summary. *Glycine gracilis* Skvortzov only a variety of *G. max*.
- WEBER, A. *Beiträge zur Morphologie und Systematik der Klugieae und Loxonieae (Gesneriaceae). I. Die Spross- und Infloreszenzorganisation von Monophyllaea* R.Br. Bot.Jahrb. 95 (1975) 174-207, 16 Abb.
- WEIBEL, R. *Espèces nouvelles du genre Elaeocarpus provenant de Bornéo*. Candollea 30 (1975) 263-283, 4 fig.
12 new species.
- WESTING, A.H. *Environmental consequences of the second Indochina war: a case study*. Ambio 4 (1975) 216-222, 3 fig.
Anti-plant warfare by bombing and shelling renders

trees useless for sawing while the wounds exposes them to fungal attacks, each herbicide spraying produces a tree mortality rate of about 1/4, and destroys wildlife; big tractors cleared 3250 sq. km of forest land, all leading to infestation by *Imperata*, bamboos, and other weeds. Many terrible figures given.—M.J.

WHIBLEY, D.J.E. *Acacia araneosa*, a new species from South Australia. *Contr. Herb. Austr.* no. 14 (1976) 7 pp., 4 fig.

----- & N.N. DONNER, *The plants of Chambers Gorge and Mt. Chambers*. *Austr. Plants* 8 (1976) 256-266, 2 fig., map. Vegetation; rare plants; checklist.

WHITMORE, T.C. *South East Asian forests as an unexploited resource of fast growing timber*, p. 205-212 in Williams e.a., *SE. Asian plant genetic resources* (1975). *Albizia minahassae*, *A. pedicellata*, *Anthocephalus macrophyllus*, *Eucalyptus*, *Gmelina arborea*, *Pterocarpus*, *Toona* recommended. Much on *Agathis*.—M.J.

----- *Re-issue of a classic work on Malesian forest botany*. *Taxon* 25 (1976) 629-630. Notes on the history of Symington's *Dipterocarps*.

----- *Natural variation and its taxonomic treatment within tropical tree species as seen in the Far East*, p. 25-34 in Burley & Styles, *Tropical trees* (1976). See page 2734.

WICKENS, G.E. *Speculation on long distance dispersal and the flora of Jebel Marra, Sudan Republic*. *Kew Bull.* 31 (1976) 105-150, 3 fig.

Isolated mountain 3000 m high, 50 sq. km. Many relevant facts reviewed. Relationships are in various directions but mainly boreal and Ethiopian. External transport on birds is rated as more likely than wind dispersal, but the factor time in the latter hardly considered. During better climate the gallery forests which also contributed may have been nearer. List with notes on propagules, generally small and dry. Many references.—M.J.

WILDE, W.J.J.O. DE, *Passifloraceae*. *Ident. Lists Mal. Spec.* no. 49 (1976) 887-901.

* WILDE-DUYFJES, B.E.E. DE, *A revision of the genus Allium in Africa* (Liliac.) *Meded. Landbouwhogeschool Wageningen* 76-11 (Dec. 1976) 239 pp., 40 pl., 28 maps. Introductory on various aspects; key to 30 spp.; several varieties and subspecies; descr.; geogr. maps.

- WILLIAMS, J.T. *Training for genetic resources programmes*, p. 254-260 in Williams e.a., *SE. Asian plant genetic resources* (1975).
Details on the Birmingham course.—M.J.
- *-----, C.H.LAMOUREUX & N.WULIJARNI-SOETJIPTO (ed.), *South East Asian plant genetic resources* (1975). — Reviewed on page 2885.
- & N.O.NG, *Variation within Momordica charantia L., the Bitter Gourd (Cucurbitaceae)*. Ann.Bogor. 6 (1976) 111-123, 4 fig., 2 tab.
- WIT, H.C.D.DE, *Oude en nieuwe namen in Cryptocoryne*. Artdi 26(1) (1975, Jub.Uitg.A'dam) 112-113.
With summary in English. In: *Belmontia n.s.* 5 (1976) no. 15, 3 pp.
Tentative evaluation of 3 new species described by Rataj in 1974; all are provisionally reduced; Latin descr. of *C. tortilis* De Wit.
- *Drie nieuwe Cryptocoryne-soorten*. Het Aquarium 46 (1976) 177, 1 photogr.
- WITHERS, R.M. *Rhododendron lochae* F.v.M. N.Queensl.Natur. 44 no. 167 (1976) 6-7.
- WOODHAMS, J. *Some notes on an excursion to New Guinea and New Zealand*. J.Kew Guild (events of 1974) 9 (1975) 315-321.
Brief report on a 6-weeks tour in Papua and New Zealand, starting 5 Dec. 1973, mainly for collecting living material of ferns, amongst others visits to Mt Giluwe, Mt Hagen, Sogeri, etc.
- WUNDERLIN, R.P. *A new name for an Old World Bauhinia (Faba-ceae)*. Taxon 25 (1976) 361-362.
B. retusa Ham. ex Roxb., non Poir. must be called *B. semla* nom. nov.
- YAMADA, I. *Forest ecological studies of the montane forest of Mt. Pangerango, West Java. I. Stratification and floristic composition of the montane rain forest near Cibodas*. The Southeast Asian Studies (Kyoto) 13 (1975) 402-426.
- *Ditto. II. Stratification and floristic composition of the forest vegetation of the higher parts of Mt. Pangerango*. The Southeast Asian Studies (Kyoto) 13 (1976) 513-534.
- YAMAZAKI, T. *On Aristolochia kankaoensis Sasaki*. J.Jap.Bot. 50 (1975) 341.
New variety from S. Formosa, Ryukyu and S. China.

- *New natural hybrids of Rhododendron (sect. Tsutsutsi) in Japan.* J.Jap.Bot. 51 (1976) 29-32.
- YANG, YUEN-PO & SHENG-YOU LU, *New additions to the Flora of Taiwan.* Quart.J.Chin.For.(Taipei) 9 (1976) 111-116, 3 fig.
New *Rubus*; records of *Euonymus oxyphyllus* and *Halodule uninervis*.
- YANG, YUNG-CHANG, *The genus Kobresia Willd. in Chinghai.* Acta Phytotax.Sin. 14 (1976) 41-50, 13 fig.
14 known species in key. In Chinese.
- YEO, P.F. *Geranium species from Mount Victoria, Burma.* Notes R.Bot.Gard.Edinb. 34 (1975) 195-200.
- YING, SHAO-SHUN, *A list of alpine plants of Taiwan. I-II.* Quart.J.Chin.For. 8 (1975) 89-122, 123-151.
List of names; 1 n.sp. in Paris, *Listera*, *Malaxis*, *Tulotis*, *Prinsepia*, *Salix*, *Urtica*; in all 537 taxa, incl. ferns and Gymnosperms.
- *The Symplocaceae of Taiwan.* Bull.Exper.Forest of NTU no. 116 (Nov. 1975) 545-571, 2 fig.
25 spp. (2 new and 5 new comb.); key.
- *----- *Alpine plants of Taiwan in color. Vol. 1.* Dept.Forestry Nat.Taiwan Univ. (Nov. 1975) vi + 125 pp., illust.
102 coloured photographs of plants with brief descr. (in English and Chinese). A few new comb. and 2 new descr. of orchids (all validly published). Chapters on geology and geography, vegetation, ecology and cultivation of alpine plants.
- YE YINMIN, LIU XIAODONG, DING SUQIN & LIANG MINGQING, *Honghe papeda - a new species of Citrus from Yunnan.* Acta Phytotax.Sin. 14 (1976) 57-59, pl. 14-1-1.
- YOUNG, P.C. & H.KIRKMAN, *The seagrass communities of Moreton Bay, Queensland.* Aquatic Bot. 1 (1975) 191-202, 4 fig., 1 tab.