

XIII. BIBLIOGRAPHY
(continued from page 3357)

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

a) *Algae* :

- ABDUS SALAM, A.M. & Y.S.A.KHAN, *Algal flora of the Karnafully estuary. II. Rhodophyta and Cyanophyta*. *Phykos* 17 (1978) 99-103, 2 pl.
2 Rhodophyta, 8 Cyanophyta.
- ALFRED, J.R.B. *Algal flora of Shillong. 1. Chlorophyceae*. *Phykos* 17 (1978) 33-34.
Short name list.
- ARA, J. & M.A.F.FARIDI, *The genus Spirogyra of Peshawar Valley*. *Biologia* 24 (1978) 421-436, 36 fig.
Key to 36 species.
- ASHTEKAR, P.V. & N.D.KAMAT, *Oedogoniaceae and Zygnemataceae of Aurangabad Maharashtra*. *Phykos* 17 (1978) 35-38.
List of records.
- & ----- *A new species of Katagnymene (Cyanoph.)* *Curr.Sci.* 48 (1979) 131, 1 fig.
- CHADHA, A. & D.C.PANDEY, *Additions to the algal flora of Allahabad. I. Genus Scenedesmus*. *Phykos* 16 (1977, issued 1978) 69-75, 1 pl.
15 taxa treated and listed; some new species, varieties and forms.
- & ----- *Additions to the algal flora of Allahabad. II. Chlorophyta, Chlorococcales*. *Phykos* 17 (1978) 73-80, 19 fig.
19 records.
- CHATTERJEE, P. *Chara fibrosa var. fibrosa f. longicorollata: a new record for India and its cytology*. *Curr.Sci.* 48 (1979) 545-546, 3 fig.
- CHINTAMANI, A. *On a new species of Anabaenopsis from India*. *Curr.Sci.* 48 (1979) 586, 1 fig.
- DIKSHIT, K.L. & R.P.DIKSHIT, *A new species of the genus Cylandrospermum: Cylandrospermum fertilissimum sp.nov. (Cyanoph.)* *Nova Hedwigia* 31 (1979) 419-425, 4 fig.
- DUCKER, S.C. *The genus Metagoniolithon Weber-van Bosse (Corallinaceae, Rhodophyta)*. *Aust.J.Bot.* 27 (1979) 67-101, 15 fig.
Keys to articulated coralline genera of the S. Australian coasts; key and descr. of *Metagoniolithon*, 3 species (2 new comb.).
- FARGHALY, M.S. & M.DENIZOT, *Le genre Rhipiliopsis. Définition et place dans les Caulerpales (Chlorophycées)*. *Rev.Algol. n.s.* 14 (1979) 169-184, 8 pl., 1 carte. — Key to 8 spp.; 3 new spp.

- FAROOQUI, P.B. & B. MUBINA, *A new species of Polysiphonia from Karachi coast, Pakistan*. Nova Hedwigia 29 (1978) 813-823, 11 fig.
- GOTOH, T. *On some Achmanthes from the Yodo estuary, Osaka, Japan* (Diat.) Jap.J.Phycol. 27 (1979) 31-33, 12 fig.
- GUPTA, M. & D.C. PANDEY, *Studies on alkaline (usar) soil algae. Part II(A): Taxonomic considerations. Cyanophyceae*. Nova Hedwigia, Beih. 63 (1979) 239-296, 99 fig., 3 pl.
99 records described; 2 new varieties.
- & ----- *A study on the alkaline (usar) soil algae. Part II(B): Taxonomic considerations. Chlorophyceae and Bacillariophyceae*. Nova Hedwigia, Beih. 63 (1979) 297-324, 37 fig., 1 pl.
37 forms (31 Chloroph., 6 Bac.) described; no new taxa.
- HIRANO, M. *Notes on Japanese Desmids*. Acta Phytotax. Geobot. 30 (1979) 11-14, 1 pl.
Notes on a dozen species; some new varieties.
- ITONO, H. *Actinotrichia robusta, a new species of the Chaetangiaceae (Nemaliales, Rhodophyta)*. Jap.J.Phycol. (Sôru) 27 (1979) 137-141, 7 fig.
From Ryukyu Islands, South Japan, and Marquesas.
- KAMAT, N.D. & S.R. TIWARI, *Desmids of Nagpur, Maharashtra*. J. Bomb. Nat. Hist. Soc. 74 (1978) 577-579.
Name list.
- KANT, S. & V.K. ANAND, *New records of Scenedesmus spp. from Jammu (J & K)*. Phykos 17 (1978) 81-85, 18 fig.
17 records listed in India.
- KHAN, M. *On Thorea Bory (Nemalionales, Rhodophyta), a freshwater red alga new to India*. Phykos 17 (1978) 55-58, 4 fig.
Thorea ramosissima Bory.
- & B.C. KUKRETI, *Algal flora of Dehradun - VI. Oedogoniales*. Phykos 16 (1977, issued 1978) 1-8, 1 fig.
A species list.
- KOBARA, T. & M. CHIHARA, *On the life history of Pseudobryopsis hainensis (Chlorophyceae)*. J. Jap. Bot. 53 (1978) 353-360, 12 fig.
- KRAFT, G.T. *Transfer of the Hawaiian red alga Cladhymenia pacifica to the genus Acanthophora (Rhodomelaceae, Ceramiales)*. Jap.J.Phycol. (Sôru) 27 (1979) 123-135, 27 fig.
- LEE, Yong Pil & S.C. LINDSTROM, *Audouinella kurogii, a new marine red alga (Acrochaetiaceae) from eastern Hokkaido*. Jap.J.Phycol. (Sôru) 27 (1979) 115-122, 9 fig., 1 pl.
- LEWIS, J.A. & G.T. KRAFT, *Occurrence of a European red alga (Schottera nicaeensis) in southern Australian waters*. J. Phycol. 15 (1979) 226-230, 7 fig.

- LI, Chia-wei, *Notes on marine littoral Diatoms of Taiwan. I. Some Diatoms of Pescadores*. Nova Hedwigia 29 (1978) 787-812, 14 pl., 1 map.
Records listed; none new.
- & Young-meng CHIANG, *A euryhaline and polymorphic new diatom, Pro-teucylindrus taiwanensis gen. et sp. nov.* Br. Phycol. J. 14 (1979) 377-384, 17 fig., 1 tab.
From freshwater in Formosa; can be cultivated in seawater media.
- MASUDA, M. *Two species of Rhodophysema (Rhodophyta) from the Aleutian Islands*. Act. Phytotax. Geobot. 29 (1978) 149-156, 4 fig., 1 tab.
- MAY, V. *Areas of recurrence of toxic algae within Burrinjuck Dam, New South Wales, Australia*. Telopea 1 (1978) 295-313, 2 fig., 3 tab.
Two toxic Anabaena and Anacystis from nutrient-rich water causing summer blooms on surface water.
- *New records for Australian algae*. Telopea 1 (1978) 315-318.
- MSHIGENI, K.E. *Taxonomic studies on the Hawaiian Hypneaceae with special reference to the genus Hypnea Lamouroux (Rhodophyta)*. Nova Hedwigia 29 (1978) 859-894, 16 fig., 11 tab.
Key to 7 taxa.
- NURUL ISLAM, A.K.M. & A.K.Y. HAROON, *New reports of some members of Chaetophoraceae from Bangladesh*. Nova Hedwigia 29 (1978) 537-556, 11 pl.
6 species treated; 1 new variety.
- OGAWA, H. & K. LEWMANOMONT, *The Porphyra of Thailand. II. Distribution and seasonal occurrence of Porphyra vietnamensis Tanaka et P.-H. Ho*. Jap. J. Phycol. 27 (1979) 95-98, 3 fig. (1 map).
Also in Malaysia.
- PAL, S. *A preliminary list of Zygnemaceae of Saharanpur, U.P., India*. Phycos 16 (1977, issued 1978) 43-45.
List of 40 names.
- PATEL, R.J. & G. ISABELLA, *A new species of Characium - Characium indicum Patel et Isabella sp. nov.* Curr. Sci. 48 (1979) 78-79.
- PRASAD, B.N. & V. KUMARI, *Zignemopsis vermai - a new species from India*. Geophytology 7 (1977) 58-60, 3 fig., 1 tab.
- , R.K. MEHROTRA & Y. SINGH, *Some new taxa of Nostoc vaucher from North Indian crop-fields (Cyanoph.)* Geophytology 7 (1977) 222-228, 7 fig., 1 pl.
7 species treated (1 new).
- & P.K. MISRA, *On a Xanthophyceean alga new to India*. Curr. Sci. 48 (1979) 544-545, 4 fig.
- PRUD'HOMME VAN REINE, W.F. & G.M. LOKHORST, *The Rijksherbarium and its contribution to phycology*. Blumea 25 (1979) 89-92.
Brief survey of work and collections of the Algal Department of the Rijksherbarium at Leiden.

- RAMJEE & S.K.BHATNAGAR, *Studies on Charophytes from Rohilkhand Division. I. Moradabad: Taxonomic enumeration & chromosome counts.* Phykos 17 (1978) 87-92, 1 tab.
15 species of 3 genera.
- REDDY, S.R., S.S.REDDY & S.M.REDDY, *Sporoschisma saccardoi* Mason and *Hughes* state of *Chaetosphaeria coelestina* Hohmel. An addition to Indian mycoflora. *Curr.Sci.* 47 (1978) 957-958, 3 fig.
- SAENGER, P. *Records of subtidal algae from the Swains Reef Complex, Great Barrier Reef, Queensland.* *Proc.R.Soc.Qd* 90 (1979) 51-55, 1 fig.
Records listed.
- SANTRA, S.C. & T.K.ADHYA, *Sirocladium himalayense*, a new species from India. *Phykos* 16 (1977, issued 1978) 65-68, 5 fig.
- & ----- *Zygnemaceae of Eastern Himalayas. II. Spirogyra* Link. *Bull.Bot.Soc.Beng.* 30 (1978) 47-49, 5 fig.
5 species of *Spirogyra* recorded.
- SHAMEEL, M. *Contributions to Ulothrix (Chlorophyceae) from Swat, Pakistan.* *Nova Hedwigia* 30 (1978) 377-384, 3 fig.
5 species described (1 new variety).
- SHYAM, R. *Studies on North Indian Volvocales. V. Volvulina steinii* Playfair from India. *Curr.Sci.* 48 (1979) 178-179, 6 fig.
- SOUTH, G.R. & N.M.ADAMS, *A revision of the genus Plocamium Lamouroux (Rhodophyta, Gigartinales) in New Zealand.* *Phycologia* 18 (1979) 120-132, 29 fig., 1 tab.
Key to 6 species (1 new).
- SUMITA, M. & T.WATANABE, *Epilithic freshwater diatoms in Jakarta, Surabaya and Singapore.* *Jap.J.Phycol.* 27 (1979) 1-6, 12 fig., 5 tab.
Largely a name list.
- TIWARI, G.L. *A study of the blue-green algae from paddy field soils of India. Part IV. Taxonomic considerations of Nostocales and Stigonematales.* *Nova Hedwigia, Beih.* 63 (1979) 133-159, 9 pl.
30 species described; no new taxa.
- *Nostoc spinosa* sp. nov. (Cyanophyta, Nostocales) from India. *Nova Hedwigia* 31 (1979) 493-495, 4 fig.
- TOWNSEND, R.A. *Synarthrophyton*, a new genus of *Corallinaceae* (Cryptonemiales, Rhodophyta) from the southern hemisphere. *J.Phycol.* 15 (1979) 251-259, 18 fig., 1 tab.
Based on a known species (in *Melobesia*).
- YADAV, A.K. & T.N.BHARDWAJA, *Fresh water algae of Ajmer and Kishengarh, Rajasthan, India.* *Nova Hedwigia, Beih.* 63 (1979) 97-103, 3 tab.
Ecological notes and name list.
- YOSHIDA, T. *A new genus Kurogia (Delesseriaceae, Rhodophyta) from Hokkaido, northern Japan.* *Jap.J.Phycol.(Sōrui)* 27 (1979) 83-89, 13 fig.

b) *Fungi & Lichens* :

- AGARWAL, D.K. & A.K. SARBHOY, *Two new ascomycetes from India*. Indian Phytopathology 31 (1978) 86-87.
2 new records.
- AGNIHOTHRUDU, V. *A new fungus on Chinar from Kashmir*. Curr.Sci. 20 (1979) 277, 1 fig.
New variety of *Stigmina platani*.
- AMES, R.N. & R.W. SCHNEIDER, *Entrophospora, a new genus in the Endogonaceae*. Mycotaxon 8 (1979) 347-352, 2 fig.
Type was from New Zealand.
- APINIS, A.E. & G.J.F. PUGH, *Thermophilous fungi in Southern India*. Phytocoenologia 6 (1979) 152-165, 6 tab.
Mainly a name list.
- ARVIDSSON, L. & D.J. GALLOWAY, *The lichen genus Coccocarpia in New Zealand*. Bot. Notis. 132 (1979) 239-246, 3 fig. (2 maps).
Key to 3 species.
- AWASTHI, D.D. & M. JOSHI, *Macrolichens of Mussoorie Hills, Uttar Pradesh*. Geophytology 7 (1977) 91-97.
35 taxa listed; key to species of *Parmelia*.
- & ----- *The lichen genera Helminthocarpon, Cyclographa, and Cyclographina (gen. nov.)*. Norw.J.Bot. 26 (1979) 165-177, 48 fig.
Incl. records of *Cyclographina* from the Philippines, Queensland, and New Caledonia; several new combinations.
- & K.P. SINGH, *Additions to the lichen flora of India. IV*. Geophytology 7 (1977) 276-277, 5 fig.
1 record.
- & S.R. SINGH, *New or otherwise interesting lichens from Mt. Abu, Rajasthan, India*. Norw.J.Bot. 26 (1979) 91-97, 29 fig.
32 records (5 new species); several new records from India.
- BADHE, P.D. *The lichen flora of Pachmarhi. I*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 172-177, 6 pl.
5 records.
- BAKER, G.E., P.H. DUNN & W.S. SAKAI, *Fungus communities associated with leaf surfaces of endemic vascular plants in Hawaii*. Mycologia 71 (1979) 272-292, 7 fig., 4 fig.
Mainly a large name list.
- BEGUM, R. & A.R. RIZWANA, *A new Megalodochium from India*. Curr.Sci. 48 (1979) 73-74.
- BHARADWAJ, S.D. & R.S. DWIVEDI, *A new species of Synchytrium on Abutilon indicum*. Indian Phytopathology 31 (1978) 240-242, 2 fig.
- BHATTY, S.F. & S.H. IQBAL, *The Parmelia borreri Group (Lichens) in Pakistan*. Biologia 24 (1978) 367-372. — Key to 6 species.

- BOSE, S.K. & E.MÜLLER, *Plagiostromella* v.Höhm., a forgotten genus of Ascomycetes. *Sydowia* 31 (1978, publ. 1979) 1-8, 4 fig.
4 species, 2 new from India.
- BRUMMELEN, J.van, *Mycology and lichenology at the Rijksherbarium*. *Blumea* 25 (1979) 83-87.
Brief survey of the development of the Mycological Department of the Rijksherbarium at Leiden.
- BURK, W.R. & D.R.SMITH, *Dictyophora multicolor*, new to Guam. *Mycologia* 70 (1978) 1258-1259.
- BURDSALL JR, H.H. *Laetisaria* (Aphyllophorales, Corticiaceae), a new genus for the teleomorph of *Isaria fuciformis*. *Trans.Br.Mycol.Soc.* 72 (1979) 419-422, 5 fig.
A few species; one from Australia; some new combinations.
- CHAKRAVARTY, D.K. A new marine *Phycomycete* from Adyar Estuary of Madras (*Thraustochytrium indicum* spec. nov.). *Nova Hedwigia*, Beih. 63 (1979) 27-32, 1 fig.
- CHANDRASHEKARA, K.V. & K.NATARAJAN, A new species of *Physalacria* from South India. *Mycologia* 71 (1979) 876-880, 8 fig.
- CHOWDHRY, P.N., A.K.SARBHOY & J.L.VARSHNEY, *Beauveria bassiana* strain *globulifera* and *Monacrosporium ellipsosporum* - two new records of fungi from India. *Curr.Sci.* 48 (1979) 588, 4 fig.
- DISSING, H. *Helvella papuensis*, a new species from Papua New Guinea. *Sydowia* Beih. 8 (1979) 156-161, 4 fig.
Besides the new species there are records of 3 other species from Papua; first record of the genus on the southern hemisphere.
- & T.SCHUMACHER, *Preliminary studies in the genus Boudiera, taxonomy and ecology*. *Norw.J.Bot.* 26 (1979) 99-109, 11 fig.
Key to 8 species (1 new), one also from Australia.
- DÖBBELER, P. *Moosbewohnende Ascomyceten III. Einige neue Arten der Gattungen Nectria, Epibryon und Punctillum*. *Mitt.Bot.München* 15 (1979) 193-221, 9 fig.
Also from Japan and Tasmania.
- DOI, Y. A revision of the genus *Protocreopsis*. *Bull.Nat.Sci.Mus.Tokyo* B 4 (1978) 113-121, 5 fig.
Preliminary key to c. 10 species; aff. *Nectria*.
- *The Hypocreales (Fungi, Ascomycetes) of the Bonin Islands (2)*. *Mem. Natn.Sci.Mus.Tokyo* no 11 (1978) 17-20, 1 fig.
One species (new combination in *Nectriopsis*).
- *Revision of the Hypocreales with cultural observations. XII. Additional note on *Hypocrea peltata* (Jungh.) Berk. and its allied species*. *Bull.Nat.Sci.Mus.Tokyo* B 5 (1979) 37-49, 6 fig.
- DURRIEU, G. *Uredinales nouvelles de l'Himalaya*. *Mycotaxon* 9 (1979) 482-492, 8 fig. — 8 new species.

- DYKO, B.J. & B.C. SUTTON, *Two new and unusual Deuteromycetes*. Trans.Br. Mycol.Soc. 72 (1979) 411-417, 6 fig.
Incl. one new genus from India.
- FURUYA, K. *A new species of Lacunospora from Japan*. Trans.Mycol.Soc.Japan 19 (1978) 269-271, 1 fig.
- GALLOWAY, D.J. & M.J.A. SIMPSON, *Lichens of Nelson Lakes National Park, New Zealand*. New Zeal.J.Bot. 16 (1978) 507-527, 7 fig.
260 lichen taxa listed and commented.
- GAMBHIR, S.P. *Two new members of Diatrypaceae from India*. Curr.Sci. 48 (1979) 123-124, 1 fig.
- GANAPATHI, A. & J.B. CORBIN, *Colletogloeum nubilosum sp.nov., the imperfect state of Mycosphaerella nubilosa on Eucalyptus in New Zealand*. Trans.Br.Mycol.Soc. 72 (1979) 237-244, 20 fig.
- * GRIFFITHS, D.A. *Fungi of Hong Kong*. Urban Council; Gov.Printer Hong Kong (1977) 129 pp., 99 col.phot., 3 fig.
A marvellously illustrated introduction.
- GUZMÁN, G. & E. HORAK, *New species of Psilocybe from Papua New Guinea, New Caledonia and New Zealand*. Sydowia 31 (1978, publ. 1979) 44-54, 6 fig.
- HAFELLNER, J. & J. POELT, *Die Arten der Gattung Caloplaca mit pluriloculären Sporen (Meroplacis, Triophthalmidium, Xanthocarpia)*. J.Hattori Bot.Lab. no 46 (1979) 1-41, 44 Abb.
18 species keyed out.
- HARADA, Y. *Plant parasitic fungi from the Bonin islands. I. Rust and smut fungi*. Trans.Mycol.Soc.Japan 20 (1979) 44-50, 2 pl.
16 species listed.
- HAWKSWORTH, D.L. *The lichenicolous Hyphomycetes*. Bull.Br.Mus.Nat.Hist. (Bot.) 6 (1979) 183-300, 47 fig.
Also records from Asia and Malesia.
- HONG, L.T. *A note on Dipterocarp mycorrhizal fungi*. Malays.For. 42 (1979) 280-283, 3 fig., 1 tab.
9 Agarics act as mycorrhiza.
- HONGO, T. *Materials for the fungus flora of Japan (28)*. Trans.Mycol.Soc. Japan 19 (1978) 455-456, 8 col.phot.
8 species recorded and pictured.
- *Notes on Japanese larger fungi (22)*. J.Jap.Bot. 54 (1979) 301-320, 4 fig.
6 new species.
- HORAK, E. *Notes on Rhodocybe Maire*. Sydowia 31 (1978, publ. 1979) 58-80, 18 fig.
New species from Australia and New Guinea.
- *Three new genera of Agaricales from Papua New Guinea*. Sydowia Beih. 8 (1979) 202-208, 3 fig.

- *Astrosporina (Agaricales) in Indomalaya and Australasia*. *Persoonia* 10 (1979) 157-205, 32 fig.
Key; descr. 30 species of *Astrosporina* (21 species new).
- HORIE, Y. *A new species of Emericella from Indian herbal drug*. *Trans. Mycol. Soc. Japan* 19 (1978) 313-317, 5 fig.
- HUGHES, S.J. *Relocation of species of Endophragma auct. with notes on relevant generic names*. *New Zeal. J. Bot.* 17 (1979) 139-188, 32 fig.
Large list of descriptions of old and new species of several genera; also new combinations. Some are from Indo-Australian area; also keys to species.
- JADHAV, A.N., R.B.SOMANI & P.D.WANGIKAR, *Some interesting fungi around Akola. III*. *Indian Phytopathology* 31 (1978) 47-51, 5 fig.
10 species (4 new).
- KALODE, M.B. & B.V.PATIL, *Critical notes on some plant rusts from India*. *Sydowia* 31 (1978, publ. 1979) 81-86.
- KAMAL, S.SINGH & R.P.SINGH, *A new species of Periconiella from India*. *Curr. Sci.* 48 (1979) 211-212, 1 fig.
- KAPOOR, J.N. & P.N.CHOWDHRY, *Notes on Indian microfungi. II*. *Indian Phytopathology* 30 (1977) 580-582, 5 fig.
5 records.
- & ----- *Notes on Indian microfungi. III*. *Indian Phytopathology* 31 (1978) 396-399, 4 fig.
4 species.
- KAR, A.K. & B.B.DEWAN, *Rust fungi of Eastern Himalayas (India)*. *Nova Hedwigia, Beih.* 63 (1979) 77-83.
17 records.
- & S.K.GUPTA, *Xylariaceae of West Bengal. I*. *Indian Phytopathology* 31 (1978) 36-41, 4 fig.
4 species (none new).
- & M.K.MAITY, *The Pyrenomycetes of West Bengal (India). VI*. *Indian Phytopathology* 31 (1978) 189-195, 5 fig.
5 species.
- KÄRNEFELT, I. *The brown fruticose species of Cetraria*. *Opera Botanica* no 46 (1979) 1-150, 74 fig. & maps.
19 taxa recognized in this most elaborate world monograph; key.
- KASHIWADANI, H. & M.NAKANISHI, *A note on rare species of the Graphidaceae (Lichens) from the Bonin Islands*. *Mem. Natn. Sci. Mus. Tokyo* no 11 (1978) 21-26, 1 pl.
5 species treated.
- KOBAYASHI, T. *Notes on the Philippine fungi parasitic to woody plants (1)*. *Trans. Mycol. Soc. Japan* 19 (1978) 373-381, 4 fig., 16 phot.
4 species discussed (2 new).

- KOBAYASI, Y. *Miscellaneous notes on the genus Cordyceps and its allies* (8). J.Jap.Bot. 54 (1979) 112-119, 8 fig.
5 species treated.
- *Miscellaneous notes on the genus Cordyceps and its allies* (9).
J.Jap.Bot. 54 (1979) 146-154, 9 fig.
8 species described.
- *Miscellaneous notes on the genus Cordyceps and its allies* (10).
J.Jap.Bot. 54 (1979) 211-217, 7 fig.
5 species described.
- *Miscellaneous notes on the genus Cordyceps and its allies* (11).
J.Jap.Bot. 54 (1979) 257-264, 7 fig.
6 species treated; one from Malaya.
- KUMAR, P. & KAMAL, A new species of *Pseudocercospora*. Curr.Sci. 48 (1979) 128-129, 1 fig.
From India.
- & ----- A new species of *Periconiella* from India. Curr.Sci. 48 (1979) 402-403, 1 fig.
- & ----- *Pseudocercospora contraria* (H. & P. Syd.) Deighton - a new record from India. Curr.Sci. 48 (1979) 654, 1 fig.
- KUROKAWA, S. *Noteworthy lichens collected in the Bonin Islands*. Mem.Natn. Sci.Mus.Tokyo no 11 (1978) 27-30, 1 pl.
3 species (1 new *Parmelia*).
- & H.KASHIWADANI, *Lobaria yoshimurae*, a new lichen species in Eastern Asia. Bull.Nat.Sci.Mus.Tokyo B 4 (1978) 123-124, 1 pl.
- KUTHUBUTHEEN, A.J. *Fungi in the air*. Nature Malaysiana 4 (1979) 36-41, many col.phot.
Spores in the atmosphere.
- * LINCOFF, G. & D.H.MITCHEL, *Toxic and hallucinogenic mushroom poisoning*. In: W.K.Williams, ed., *A Handbook for physicians and mushroom hunters* (illus. I.E.Liberman). Van Nostrand Reinhold Co., New York/London (1977) xi + 267 pp., illus.
- LIU, Sham-che & Zuei-ching CHEN, *Preliminary studies on Coprophilus pyrenomyces from Taiwan*. Taiwanica 24 (1979) 11-21, 4 pl.
16 records.
- LUKE, P. & S.U.DEVI, A new species of *Bartalinea*. Curr.Sci. 48 (1979) 171, 1 fig.
- MALHOTRA, G. & K.G.MUKERJI, *Fungi of Delhi. XXVIII. Four Pyrenomyces from bark*. Trans.Mycol.Soc.Japan 19 (1978) 283-288, 25 fig.
4 species (3 new).
- MANOHARACHARY, C. A new species of *Limacinia* from India. Nova Hedwigia, Beih. 63 (1979) 173-178, 2 pl.

- *A new species of Macroxyphium Sacc. from India.* Nova Hedwigia, Beih. 63 (1979) 183-186, 1 pl.
- *Taxo-ecological studies on some fresh water fungi of Hyderabad District, India.* Nova Hedwigia, Beih. 63 (1979) 187-196, 2 pl., 1 tab. 15 records described; no new taxa.
- *Taxo-ecological studies on some fresh water pond mud fungi: Hyderabad, India.* Nova Hedwigia, Beih. 63 (1979) 197-209, 2 pl., 1 tab. 17 records described; no new taxa.
- MAUNG MYA THAUNG, *Two new Microfungi from Burma.* Trans.Br.Mycol.Soc. 72 (1979) 333-337, 3 fig.
1 monotypic new genus, 1 new species.
- MEHROTRA, B.S. & B.M.MEHROTRA, *Another azygosporic species of Mucor from India.* Sydowia 31 (1978, publ. 1979) 94-96, 1 fig.
1 new species.
- MIKAWA, T. *A taxonomic study on Japanese sporangiferous Mucorales (1).* J.Jap.Bot. 53 (1978) 361-368.
Key to families.
- *A taxonomic study on Japanese sporangiferous Mucorales (2).* J.Jap. Bot. 54 (1979) 5-14, 2 fig.
Key to the 2 genera and species of Cunninghamellaceae; no novelties.
- *A taxonomic study on Japanese sporangiferous Mucorales (3).* J.Jap. Bot. 54 (1979) 78-85, 2 fig.
Key to genera of Thamnidiaceae; treatment of 2 genera with 4 species.
- *A taxonomic study on Japanese sporangiferous Mucorales (4).* J.Jap. Bot. 54 (1979) 120-128, 3 fig.
3 genera (4 species) treated.
- *A taxonomic study on Japanese sporangiferous Mucorales (5).* J.Jap. Bot. 54 (1979) 193-203, 3 fig.
Keys to genera and to species of Japan, none new.
- *A taxonomic study on Japanese sporangiferous Mucorales (6).* J.Jap. Bot. 54 (1979) 289-300, 2 fig.
Key to 2 genera and 4 species.
- MINOURA, K., E.MATSUMURA & T.MORINAGA, *Notes on coprophilous Discomycetes in Japan (II).* Trans.Mycol.Soc.Japan 19 (1978) 355-362, 10 fig.
10 records discussed.
- MISRA, P.C., N.N.GUPTA & K.LATA, *A new species of Fennellomyces (Mucorales).* Mycotaxon 10 (1979) 251-254, 1 fig.
Isolated from dung in India.
- , K.J.SRIVASTAVA & K.LATA, *Apophysomyces, a new genus of the Mucorales.* Mycotaxon 8 (1979) 377-382, 2 fig.
Type from India.
- MIURA, K. & S.OKANO, *Laterirramulosa quadriradiata, a new aquatic Hyphomycete.* J.Jap.Bot. 54 (1979) 204-210, 2 fig.

- MORINAGA, T., H. NITTA & K. MINOURA, *Some microfungi isolated from soil of Southeast Asia (1)*. J.Jap.Bot. 54 (1979) 1-4, 4 fig.
4 records.
- MURATA, Y. *New records of gill fungi from Hokkaido (1)-(2)*. Trans.Mycol. Soc.Japan 19 (1978) 241-247, 249-254, 4 fig.
14 species discussed; none new.
- MUTHAPPA, B.N. *Morphology and taxonomy of the coffee black rot fungus in South India*. Trans.Br.Mycol.Soc. 73 (1979) 159-160.
- NATARAJAN, K. *South Indian Agaricales. IV. A new species of Psathyrella*. Mycologia 70 (1978) 1259-1261, 5 fig.
- *South Indian Agaricales. V. Termitomyces heimi*. Mycologia 71 (1979) 853-855, 4 fig.
New species from Madras.
- & K.V.CHANDRASHEKARA, *A new species of Tomentella from South India*. Mycologia 70 (1978) 1294-1297, 6 fig.
- OKUDA, T., A.FUJIWARA & M.FUJIWARA, *Materials for the fungus flora of Japan (27)*. Trans.Mycol.Soc.Japan 19 (1978) 289-292, 8 fig.
1 species discussed.
- OTANI, Y. *Notes on some interesting cup-fungi in Tsukuba Academic New Town*. Bull.Natn.Sci.Mus.Tokyo B 5 (1979) 51-60, 2 fig., 1 pl.
10 species described.
- PANDE, A. *Contributions to the Xylariaceae of western India. XI. Indian Phytopathology 31 (1978) 106-107, 3 fig.*
3 records.
- *Ascomycetes of Western India. V.* J.Bomb.Nat.Hist.Soc. 75 (1979) 460-461, 1 fig.
2 new species.
- PATIL, M.S. *Some fleshy fungi from Maharashtra. III.* Indian Phytopathology 31 (1978) 32-35, 5 fig.
5 species (none new).
- *Some species of Cercospora from Maharashtra. VII.* Indian Phytopathology 31 (1978) 327-330, 6 fig.
- PATWARDHAN, P. & C.KULKARNI, *Some new taxa of the family Graphidaceae from Western Ghats, Southwestern India*. Norw.J.Bot. 26 (1979) 45-52, 29 fig.
10 new species.
- PEGLER, D.N. & T.W.K.YOUNG, *The gasteroid Russulales*. Trans.Br.Mycol.Soc. 72 (1979) 353-388, 134 fig.
Key to 5 genera; species enumerated; several new combinations and new species; also from Indo-Australia.
- PFISTER, D.H. *Type studies in the genus Peziza. VIII-X. Species described by G.Massee, E.K.Cash, and F.J.Seaver*. Mycotaxon 9 (1979) 501-504.
Incl. notes on species from Malaya.

- A monograph of the genus *Wynnea* (Pezizales, Sarcoscyphaceae).
Mycologia 71 (1979) 144-159, 6 fig.
4 species listed (1 new); 1 new combination in *Ascosparrasis*.
- PITT, J.I. *Geosmithia* gen.nov. for *Penicillium lavendulum* and related species. Canad.J.Bot. 57 (1979) 2021-2030, 9 fig.
Transfers from *Penicillium*; several from the Old World (1 new).
- PRAKASH, O. & A.P.MISRA, *Cochliobolus kusanoi*, perfect stage of *Drechslera kusanoi*. Indian Phytopathology 31 (1978) 231-232.
- PRASAD, R. & B.S.MEHROTRA, Species of *Syncephalis* from India. V. *Syncephalis rosetta* sp.nov. Nova Hedwigia, Beih. 63 (1979) 33-39, 31 fig.
New species and key to 5 species.
- PUNITHALINGAM, E. & C.MANO HARACHARY, The genus *Pycnothera* N.D.Sharma & G.P.Agarwal. Nova Hedwigia 31 (1979) 95-102, 2 fig., 2 pl.
Incl. 1 new species from India.
- PURKAYASTHA, R.P. & F.MALLIK, Addition of two new fungi to Indian Hyphomycetes. Nova Hedwigia 30 (1978) 869-872, 1 fig.
- QUIMIO, T.H. & N.L.OPINA, Agaricales of Mt. Makiling (Philippines). II. Genus *Agaricus*. Nova Hedwigia 29 (1978) 847-858, 2 pl.
8 identified species and 2 unidentified; none new.
- RAJAK, R.C. & S.P.GAUTAM, Two new species of *Cercospora*. Curr.Sci. 47 (1978) 966-967, 2 fig.
From India.
- RAMACHAR, P. & G.BHAGYANARAYANA, *Ramakrishmania*, a new genus of Uredinales from southern India. Canad.J.Bot. 57 (1979) 783-786, 4 fig.
On *Ixora* in India.
- RAMBELLI, A. & D.LUNGHINI, *Chaetopsina* species from tropical forest litter. Trans.Br.Mycol.Soc. 72 (1979) 491-494, 3 fig.
Incl. one from Papua New Guinea.
- RANZONI, F.V. Aquatic Hyphomycetes from Hawaii. Mycologia 71 (1979) 786-795, 2 tab.
Species names listed.
- RAO, V.G. & K.I.M.VARGHESE, *Matsushimomyces* (Hyphomycetales), a new genus of forest microfungi. Bot.Notis. 132 (1979) 313-314, 1 fig.
From Kerala.
- RATTAN, S.S. & I.P.S.KHURANA, The *Clavarias* of the Sikkim Himalayas. Bibl. Mycol. Bd 66 (1978) 1-68, 89 fig.
Key to 30 species, none new.
- RAVINDRA NATH, V. On *Trichocladium* and a new species, *Trichocladium pavgii*. Sydowia 31 (1978, publ. 1979) 122-125, 1 fig.
Isolated from peanuts in India.
- REDHEAD, S.A. *Physalacria subpeltata* sp.nov. from Hawaii. Mycotaxon 10 (1979) 46-48, 9 fig.

- REID, D.A. *Tremelloscypha* and *Papyrodiscus* - Two new genera of Basidiomycetes from Australasia. *Sydowia Beih.* 8 (1979) 332-334, 2 fig.
One genera from Australia, the other one from New Guinea.
- , R.HILTON, D.G.REID & N.BRITTAN, A note on *Polyporus tumulosus* Cooke & Masseur (*Fungi*). *West.Austr.Natur.* 14 (1979) 120-121, 1 fig.
Remarkable Australian subterranean polypore, on Eucalypts.
- REYNOLDS, D.R. *Follicolous Ascomycetes. 3. The stalked Capnodiaceous species.* *Mycotaxon* 8 (1979) 417-445.
Also record from Malesia.
- ROSSMAN, A.Y. A preliminary account of the taxa described in *Calonectria*. *Mycotaxon* 8 (1979) 485-558.
Account of the types.
- RYVARDEN, L. *Porogramme* and related genera. *Trans.Br.Mycol.Soc.* 73 (1979) 9-19, 6 fig.
Also Malesian species.
- SARBHOY, A.K., D.K.AGARWAL & J.L.VARSHNEY, *Dematiaceous hyphomycetes from India. III.* *Indian Phytopathology* 30 (1977) 574-575.
16 records.
- SCHIPPER, M.A.A. *On certain species of Mucor with a key to all accepted species.* *Studies in Mycology* no 17 (1978) 1-52, 27 fig., 2 tab.
Description of 21 taxa known in culture (4 new, 1 validated); key to all accepted taxa of the genus (49).
- SEVILLA-SANTOS, P. *Studied on Philippine Lichens III. Part 1. Identification and classification of "lumot niyog", a Philippine lichen as Usnea montagnei* Mot. *Acta Manilana ser. A*, no 18 (28) (1979) 67-76, 4 pl.
- SHARMA, M.P. & K.S.THIND, A new species of *Godronia* (*Helotiales*) from India. *Bot.Notis.* 132 (1979) 457-458, 1 fig.
- SHARMA, N.D. *Some additions to Indian fungi.* *Curr.Sci.* 48 (1979) 737.
4 records.
- SHERWOOD, M.A. *New Phacidiales and Ostropales from the collections of the Farlow Herbarium.* *Occ.Pap.Farlow Herb.Crypt.Bot.* no 14 (1979) 35-43, 5 fig.
Also 1 new species from India.
- SHIBUICHI, H. *Two new species of Pertusaria* (*Lichens*) in the Bonin Islands. *J.Jap.Bot.* 54 (1979) 234-237, 4 fig.
- SHIPTON, W.A. *Calonectria camelliae* sp.nov., the perfect state of *Cylindrocladium camelliae*. *Trans.Br.Mycol.Soc.* 72 (1979) 161-164, 6 fig.
From Queensland.
- SINGER, R. *Keys for the identification of the species of Agaricales II.* *Sydowia* 31 (1978, publ. 1979) 193-237.

- SINGH, K.P. *Lichen genus Echinoplaca Fée from India*. Geophytology 8 (1978) 129-130, 2 fig.
Key to 2 species.
- *Lichen genus Asterothyrium Müll. Arg. in India*. Curr.Sci. 48 (1979) 267-268, 5 fig.
1 new record.
- SINGH, Lallan & M.S.PAVGI, *Some parasitic fungi on Bryophytes in India*. Nova Hedwigia, Beih. 63 (1979) 19-25, 9 fig.
New species living on Riccia.
- SINGH, S. *Pseudoaristastoma, an undescribed genus of Coelomycetes from India*. Sydowia 31 (1978, publ. 1979) 238-241, 1 fig.
- *Pseudocercospora celastri sp.nov. from India*. Curr.Sci. 48 (1979) 821-822, 1 fig., 1 tab.
- SINGH, S. & KAMAL, *Fungi of Gorakhpur. III, V, VI*. Indian Phytopathology 31 (1978) 203-205, 304-306, 315-317; 16 fig.
In all 16 species (1 new).
- SINGH, S.M. *A new species of Dactuliophora (Mycelia sterilia)*. Indian Phytopathology 30 (1977) 551-554, 6 fig.
- *Some Sphaeropsidales from Balaghat (M.P.)*. Indian Phytopathology 31 (1978) 176-179, 7 fig.
8 species (some new).
- SINGH, S.R. *A note on some macrolichen taxa from Pachmarhi, Madhya Pradesh, India*. Geophytology 7 (1977) 123-125.
15 species recorded with brief description.
- SINHA, A.K., J.V.V.DOGRA & M.S.JOHN, *Oudemansiella canarii - a new Indian edible mushroom*. Curr.Sci. 48 (1979) 72.
New record.
- SINHA, M.P. & B.PADHI, *The genus Psilocybe from Orissa*. Indian Phytopathology 31 (1978) 233-235.
2 species.
- SOHI, H.S. & O. PRAKASH, *A new species of Pestalotiopsis on banana*. Indian Phytopathology 31 (1978) 252-254, 1 fig.
- STEVENS, G.N. *Distribution and related ecology of macrolichens on mangroves on the East Australian coast*. The Lichenologist 11 (1979) 293-305, 7 fig., 1 tab.
Table with name list.
- & R.W.ROGERS, *The macrolichen flora from the mangroves of Moreton Bay*. Proc.R.Soc.Qd 90 (1979) 33-49, 1 pl., 1 map.
Descriptions of species listed; also a large key.
- SUBHEDAR, A.W. & V.G.RAO, *Two new records of fungi-imperfecti from India*. J.Bomb.Nat.Hist.Soc. 74 (1978) 575-576, 2 fig.
2 new species.

- & ----- *Ascoverticillata*, a new genus of simple Ascomycetes. *Sydowia* 31 (1978, publ. 1979) 251-253, 1 fig., 1 pl.
From India.
- SUBRAHMANYAM, A. *Ampullifera seudatica* A. Subrahm. sp. nov. *Nova Hedwigia* 31 (1979) 159-161, 1 fig.
From Indian soils.
- SUBRAMANIAN, C.V. & K. SUDHA, *Sopagraha sibika*, a new Hyphomycete from leaf litter from India. *Canad. J. Bot.* 57 (1979) 34-39, 31 fig.
On leaves of *Glycosmis* at Madras.
- SULLADMATH, V.V. & K.M. PONNAPPA, Three new Deuteromycetes associated with leaf drying of coconut palms. *Curr. Sci.* 48 (1979) 450-451.
- SUTTON, B.C. & A. GANAPATHI, *Trimmatostroma excentricum* sp. nov., on *Eucalyptus* from New Zealand and Fiji. *New Zeal. J. Bot.* 16 (1978) 529-533, 6 fig.
- & C.S. HODGES Jr, *Eucalyptus microfungi*. *Chaetendophragmiopsis* gen. nov. and other hyphomycetes. *Nova Hedwigia* 29 (1978) 593-607, 5 fig.
All from outside Australia (Hawaii, Brazil); several new species or new combinations.
- SWART, H.J. Australian leaf-inhabiting fungi. IX. Species of *Seimatosporium* on non-myrtaceous hosts. *Trans. Br. Mycol. Soc.* 72 (1979) 403-409, 4 fig., 1 tab.
Incl. several species (some new) from Australia.
- THIND, K.S. & S.C. KAUSHAL, Three species of *Iodophanus* from Western Himalayas. *Indian Phytopathology* 31 (1978) 343-347, 5 fig.
- & ----- Two new species of Pezizales from India. *Bot. Notis.* 132 (1979) 459-461, 1 fig.
- TRAPPE, J.M. The orders, families, and genera of hypogeous Ascomycotina (*Truffles and their relatives*). *Mycotaxon* 9 (1979) 297-340, 4 pl. with 31 fig.
31 genera accepted; synoptic key; a new genus *Clelandia* (monotypic) from the Northern Territory; some new families proposed; several new species described.
- TYAGI, A.K. A new species of *Pseudocercospora* on *Lindenbergia indica*. *Indian Phytopathology* 30 (1977) 534-535, 1 fig.
- UDAGAWA, Shun-ichi & Kouhei FURUYA, *Poroconiochaeta*, a new genus of the *Coniochaetaceae*. *Trans. Mycol. Soc. Japan* 20 (1979) 5-12, 7 fig.
2 new species from Japan (Ascom.).
- & T. MUROI, Some interesting species of Ascomycetes from imported spices. *Trans. Mycol. Soc. Japan* 20 (1979) 13-22, 10 fig.
Several species described (none new).
- WATLING, R. Studies in the genera *Lacrymaria* & *Panaeolus*. *Notes R. Bot. Gard. Edinb.* 37 (1979) 369-379, 2 fig. — Several new comb.; records of *Lacrymaria* in New Guinea, Australia and India.

- YEN, Jo-min, *Étude sur les champignons parasites du sud-est Asiatique. 33. Les Cercospora de Formose. V. Les Pseudocercospora.* Bull.Soc.Myc. Fr. 94 (1978) 385-389, 2 fig.
13 new combinations, 1 new species.
- Ditto. 34. *Un nouveau genre, Cyliandrocladiopsis (Moniliacée), provoquant une maladie de taches foliaires du Lagerstroemia en Malaisie.* Mycotaxon 8 (1979) 233-237, 7 fig.
- Ditto. 35. XVIII. *Douzième note sur les Cercospora de Malaisie.* Revue Mycol. 43 (1979) 97-100, 3 fig.
1 new species; key to 13 species on Cassia.
- Ditto. 36. *Un nouveau genre, Trichotheciopsis (Moniliacée), parasite des feuilles du Mimosa en Philippines.* Bull.Soc.Myc.Fr. 95 (1979) 73-75; 4 fig.
Monotypic.
- YOKOYAMA, T., Yong-hwan PARK, Yang-sup KIM, Byong-kak KIM & T.HONGO, *Distribution of Descolea flavoannulata (Vasilieva) Horak in Far Eastern Asia.* Trans.Mycol.Soc.Japan 20 (1979) 63-72, 14 fig.
Genus from Nothofagus in southern hemisphere; also 2 species in Korea and Japan (possibly mycorrhiza on Fagaceae).
- ZHAO, Ji-ding, Lian-wang XU & Zeng-mei SUN, *Species novae Anaptychia et Physciae Sinicae.* Acta Phytotax.Sin. 17, no 2 (1979) 96-100.
In Chinese.

c) Bryophytes :

- BISCHLER, H. *Plagiochasma Lehm. et Lindenb. III. Les taxa d'Asie et d'Océanie.* J.Hattori Bot.Lab. no 45 (1979) 25-79, 16 fig., 6 maps.
Key to the species.
- BRUGGEMAN-NANNENGA, M.A. *The section Pachylomidium (genus Fissidens). II. The species of Central America, temperate South America (including the High Andes), Australia, New Zealand and New Guinea.* Proc.Kon. Ned.Ak.Wet.A'dam C 82 (1979) 11-27, 6 fig.
Key to 4 species; 1 new species and 1 new subspecies in New Guinea.
- BUCK, W.R. *A revision of the moss genus Trachyphyllum Gepp (Thuidiaceae).* Brittonia 31 (1979) 379-394, 27 fig.
Key to 7 species. Also in SE. Asia, Malesia, Australia and New Caledonia; a new combination and a new species.
- * CHEN, Pan-chieh (ed.) *Genera Muscorum Sinicorum (Pars Secunda)* (1978) viii + 331 pp., 400 fig.
In Chinese. Keys to genera; with type species.
- & Pan-cheng WU, *A new species of Plagiochila Dum.* Acta Phytotax. Sin. 17, no 2 (1979) 93-95, 1 fig.
In Chinese.

- DEGUCHI, H. *A revision of the genera Grimmia, Schistidium and Coscinodon (Musci) of Japan.* J.Sci.Hiroshima Univ. ser.B, div.2 (Bot.) 16 (1978) 121-256, 61 fig. & maps.
Revision; no novelties.
- ENGEL, J.J. *Austral Hepaticae. X. A revision of Hepatostolonophora Engel et Schust., nom. nov. (Hepaticae).* J.Hattori Bot.Lab. no 46 (1979) 91-108, 8 fig.
Nom. nov. for Stolonophora Engel & Schust. non Nizamuddin. Key to 3 species. In Australasia and temperate Chile.
- GROLLE, R. *Miscellanea hepaticologica 181-190.* J.Hattori Bot.Lab. no 45 (1979) 173-183.
10 taxa discussed; some new combinations.
- *Miscellanea hepaticologica 191-200.* J.Hattori Bot.Lab. no 46 (1979) 337-355, 3 Abb.
Critical notes on fairly many species; 1 new combination.
- *Lebermoose aus Neuguinea 17. Harpalejeunea.* J.Hattori Bot.Lab. no 46 (1979) 43-47, 1 Abb.
Key to 3 species (1 new).
- GUERKE, W.R. *A monograph of the genus Jubula Dumortier.* Bryoph.Bibl. 17 (1978) 1-118, 57 fig.
Key to 4 species.
- HASEGAWA, J. *Taxonomical studies on Asian Anthocerotae. I.* Acta Phytotax. Geobot. 30 (1979) 15-30, 5 fig., 1 tab.
Key to 3 species of Notothylas; new species from Thailand.
- HATTORI, S. *A revision of the Australasian species of the genus Frullania, Hepaticae. I.* J.Hattori Bot.Lab. no 45 (1979) 323-363, 27 fig.
27 species described (1 new).
- *Dr. H. Inoue's collection of Frullania taxa (Hepaticae) made in Ceylon.* J.Jap.Bot. 54 (1979) 22-26.
12 records; no new taxa.
- *A revision of the Australasian species of the genus Frullania, Hepaticae. II.* J.Hattori Bot.Lab. no 46 (1979) 119-153, fig. 28-49.
15 species treated.
- HÜRLIMANN, H. & K.YAMADA, *A new species of Radula (Hepaticae) from New Caledonia.* J.Jap.Bot. 54 (1979) 238-240, 1 fig.
- INOUE, H. *Memoir of Dendroceros tubercularis Hatt., an endemic Hornwort in the Bonin Islands.* Mem.Natn.Sci.Mus.Tokyo no 11 (1978) 31-36, 2 fig.
1 species treated.
- *Studies on Taiwan Hepaticae. III. Subord. Herbertinae and Subord. Ptilidiinae.* Bull.Nat.Sci.Mus.Tokyo B 4 (1978) 93-103, 3 fig.
8 species treated (1 new combination).

- *Contributions to the knowledge of the Plagioclilaceae of South-eastern Asia. XVII. Descriptions of five new species of Plagioclila (Dum.) Dum.* Bull.Natn.Sci.Mus.Tokyo B 5 (1979) 25-36, 5 fig.
From Philippines, New Guinea and Solomons.
- *Ditto. XVIII. A review of the genus Plagioclila (Dum.) Dum. in Ceylon.* J.Hattori Bot.Lab. no 46 (1979) 193-233, 16 fig.
Key to 17 species (some new).
- IWATSUKI, Z. *Re-examination of Myurium and its related genera from Japan and its adjacent areas.* J.Hattori Bot.Lab. no 46 (1979) 257-283, 11 fig., 1 tab.
Key to 5 genera and keys to their species; some new combinations.
- *Mosses from Eastern Nepal collected by Himalayan Expedition of Chiba University in 1977.* J.Hattori Bot.Lab. no 46 (1979) 289-310, 3 fig.
Large list of records.
- *Mosses from Central Nepal collected by the Kochi Himalaya Expedition, 1976.* J.Hattori Bot.Lab. no 46 (1979) 373-384, 2 fig.
Large list of records.
- & A. NOGUCHI, *Critical re-examination of Japanese mosses mainly described by Eikichi Ihsiba.* J.Hattori Bot.Lab. no 45 (1979) 365-373.
22 species reconsidered.
- KITAGAWA, N. *The Hepaticae of Thailand collected by Dr. A. Toww (II).* Acta Phytotax.Geobot. 30 (1979) 31-40, fig. 7-9.
Notes on many species; a new variety.
- KUMAR, D. & R. UDAR, *A new species of Haplomitrium, H. grollei Kumar et Udar, from Darjeeling, Eastern Himalayas, India.* Geophytology 7 (1977) 260-263, 15 fig., 1 pl.
- KUMAR, S.S., Sarita GANJU & Sunita GANJU, *Additions to the moss flora of Himachal Pradesh. II.* Nova Hedwigia, Beih. 63 (1979) 339-342.
28 records.
- KUWAHARA, Y. & M. ONRAEDT, *Notes on the genus Metzgeria (Hepaticae) in Sri Lanka.* Bull.Jard.Bot.Nat.Belg. 49 (1979) 77-80.
6 species listed.
- LIN, Pang-juan, *New species of Calymperaceae with critical notes on some Chinese species.* Acta Phytotax.Sin. 17, no 1 (1979) 92-97, 3 fig.
- LONG, D.G. *Hepaticae from Bhutan, East Himalaya.* Lindbergia 5 (1979) 54-62.
55 species listed.
- MIZUTANI, M. *Notes on the Lejeuneaceae. 1. Some Asiatic species of the genus Lopholejeunea.* J.Hattori Bot.Lab. no 45 (1979) 375-387, 7 fig.
7 species described and discussed.

- *Hepaticas from Eastern Nepal collected by Himalayan Expedition of Chiba University in 1977*. J.Hattori Bot.Lab. no 46 (1979) 311-325, 1 fig.
Large list of records.
- *Notes on the Lejeuneaceae. 2. Some peculiar Asiatic species in the Rijksherbarium, Leiden*. J.Hattori Bot.Lab. no 46 (1979) 357-372, 7 fig.
6 new species and 1 record.
- *Hepaticas from Central Nepal collected by the Kochi Himalaya Expedition, 1976*. J.Hattori Bot.Lab. no 46 (1979) 385-392, 1 fig.
Large list of records.
- MOORE, C.J. & G.A.M. SCOTT, *The ecology of mosses on a sand dune in Victoria, Australia*. J.Bryol. 10 (1979) 291-311, 5 fig., 12 tab.
- ONRAEDT, M. *Bryophytes de Sri Lanka (Ceylan) III. Cololejeunea ceylanica Onr. et Cololejeunea hinidumae Onr., espèces nouvelles*. Acta Bot. Acad.Sci.Hung. 25 (1979) 107-111, 2 fig., 1 tab.
- RAMSAY, H.P. & B.G. BRIGGS, *The Bryophyte and Lichen collections at the National Herbarium of New South Wales, Sydney*. ASBS Newsletter 18 (1979) 13-14.
Repacked and ordered; Hepaticae 3400; Musci 29200 (of which 17900 from Australia, c. 2500 not named); Lichens c. 15000 in course of ordering.
- SCOTT, G.A.M. & I.G. STONE, *In defence of Dawsonia superba Grev.* Lindbergia 5 (1979) 71-72.
Against accepting the newly proposed name *D. longifolia* (B. & S.) Van Zanten.
- SRIVASTAVA, S.C. *Hepaticae of Kashmir Valley*. Nova Hedwigia, Beih. 63 (1979) 333-338.
Name list of 43 species.
- TIXIER, P. *Lejeuneaceae from Sri Lanka collected by D.D. Tirvengadam (1974)*. Ceylon J.Sci. 12 (1977) 85-88.
25 records.
- *Musci Igoroti (Mosses of the Mountain Provinces, Luzon, Philippines)*. Kalikasan 7 (1978) 187-210.
164 records from the Mountain Prov. of Luzon; none new.
- *Le genre Syrrhopodon Schwaegr. (Calymperaceae) en Indo Malaisie*. Nova Hedwigia 29 (1978) 957-1023, 26 fig.
17 species retained; key; a few new combinations.
- *Contribution à l'étude du genre Cololejeunea. IV. Le sous-genre Taeniolejeunea (Zwicker) Benedix en Malaisie*. Nova Hedwigia 29 (1978) 1025-1042.
Key to 10 species (none new).
- *Mosses from Fiji, New Caledonia, Samoa and Society Islands, collected by H.S. MacKee (Bryophyta exotica IV)*. Nova Hedwigia 31 (1979) 693-719.

- *Contribution à l'étude du genre Cololejeunea. Les Cololejeunoidées de Nouvelle Calédonie. Essai monographique.* Nova Hedwigia 31 (1979) 721-787, 34 fig.
34 species described (12 new).
- *Bryophytes exotiques (IV). Les Mousses et les limites du domaine des océans Indien et Pacifique.* Bull.Mus.Natn.Hist.Nat.Paris 4e sér. 1 (1979) sect. B, no 2: 107-125, 1 fig., 3 tab.
Species listed from Ceylon and Peninsular India and their plant geography.
- *Bryogéographie du Mont Bokor (Cambodge). Bryophyta Indosinica XXIV.* Bryoph.Bibl. 18 (1979) 1-121, 11 fig., 7 pl.
Habitats and sociology; mosses and hepatics; species listed (2 new) in Herberta and Cololejeunea.
- TOUW, A. *Bryology and bryophytes at the Rijksherbarium.* Blumea 25 (1979) 93-99.
Brief view on research, management and Bryophyte collection of the Rijksherbarium at Leiden.
- UDAR, R. *Cephaloxia kashyapii* Udar nom.nov. from Eastern Himalayas. Geophytology 8 (1978) 133.
- & V.CHANDRA, *A new species of Notothylas Sull., N. pandei* Udar et Chandra from India. Geophytology 7 (1977) 142-146, 11 fig., 1 pl., 1 tab.
- & D.K.SINGH, *Studies in East Himalayan Hepaticae. 1. The genus Trichocolea Dumort.* Geophytology 7 (1977) 65-72, 12 fig.
Key to 3 species (2 new).
- & ----- *On a new species of Notothylas Sull. from Western Ghats, India (1).* (Hepat.) Rev.Bryol.Lichénol. 45 (1979) 201-208, 1 fig.
- & ----- *Notothylas pfleidereri* sp.nov. from Mangalore, India. Lindbergia 5 (1979) 28-30, 1 fig.
- WATANABE, R. *A new species of the genus Thuidium (Musci) from Samoa.* J. Jap.Bot. 53 (1978) 369-372, 1 fig.
- YAMADA, K. *A revision of Asian taxa of Radula, Hepaticae.* J.Hattori Bot. Lab. no 45 (1979) 201-322, 63 fig., 2 maps.
Key to sections and species (some new).

d) *Pteridophytes* :

- BROWNSEY, P.J. *Cyathea cunninghamii* in New Zealand. New Zeal.J.Bot. 17 (1979) 97-107, 4 fig., 1 tab.
Key to 5 species.
- *Type material in the herbarium of the National Museum of New Zealand (Welt). I. New Zealand Pteridophytes.* Nat.Mus.New Zeal.Records 1 (1979) 243-269.
Annotated list.

- *Asplenium lucidum* Forst.f., an illegitimate name for the New Zealand shining spleenwort. *New Zeal.J.Bot.* 17 (1979) 217-218.
Must be called *A. oblongifolium* Colenso.
- DeVOL, Ch.E. & Chen-meng KUO, *Additional notes on Taiwan Pteridophytes.* *Taiwania* 24 (1979) 106-114, 2 pl.
Two dozen records.
- DIR, K.K. & K.S.DATTA, *Ferns of Dharamsala Hills. 4. (North Western Himalayas) Family: Polypodiaceae.* *Nova Hedwigia, Beih.* 63 (1979) 105-120, 11 fig.
Key to 5 genera; 10 species recorded; no new taxa.
- DIXIT, R.D., D.HAZRA & B.D.KAR, *Loxogramme remote-frondigera (Hayata) C.Chr. - A new record for India and China.* *Bull.Bot.Surv.India* 18 (1976; publ. 1979) 222-223, 1 fig.
Synonymy; formerly known from Formosa; now also India and China.
- DUNCAN, Th. & A.R.SMITH, *Primary basic chromosome numbers in ferns: facts or fantasies?* *Syst.Bot.* 3 (1978) 105-114, 4 fig., 2 tab.
Advocates that fern evolution at generic level occurred from ancestors that had essentially the same high chromosome numbers as living ferns.
- GHOSH, R.B. & M.C.BISWAS, *A preliminary observation on the ferns of the Garo Hills in Assam.* *J.Bomb.Nat.Hist.Soc.* 74 (1978) 571-575.
29 species recorded, no new.
- GIVEN, D.R. *Subantarctic Pteridophyta: observations and new records.* *New Zeal.J.Bot.* 16 (1978) 551-552.
Notes on 6 species.
- GOUDEY, C.J. *The genus Platycerium in Australia (Polypod.).* *Austr.Plants* 10, n. 80 (1979) 189-190, col. frontispiece.
4 species briefly recorded.
- GOULDING, J.H. *Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium. Parts 1 and 2. Pteridophyta and Gymnospermae.* *Rec.Auckl.Inst.Mus.* 15 (1978) 37-44, 3 fig.
- GRAY, A.M. & R.G.WILLIAMS, *A new species of Apteropteris (Hymenophyllaceae) from Tasmania.* *Muelleria* 4 (1979) 169-172, 3 fig.
- GRIMES, J.W. *Two new filmy ferns from Bougainville.* *Kew Bull.* 34 (1979) 233-234.
Hymenophyllum new species.
- HENNIPMAN, E. *The collections of Pteridophytes at the Rijksherbarium.* *Blumea* 25 (1979) 103-106.
Brief view on work and pteridophyte collections in the Rijksherbarium at Leiden.
- , G.J.de JONCHEERE & M.G.PRICE, *The Philippine Platycerium grande.* *Fern Gaz.* 12 (1979) 47-49, 2 fig. — Observ. on cultivated material.

- HOLTUM, R.E. *The ferns of Kinabalu National Park. Chapter 8.* In: Luping, Chin Wen & Dingley (eds.), *Kinabalu, Summit of Borneo.* Sabah Soc. Monogr. (1978) 191-210, col.pl. xxix-xxxi.
Various habitats with their fern flora.
- *Two aberrant specimens of Pronephrium (Thelypteridaceae).* Kew Bull. 34 (1979) 344.
Reductions.
- IWATSUKI, K. *Notes on Asiatic Pteridophytes. 2.* Acta Phytotax. Geobot. 30 (1979) 41-44.
Notes on 7 species; a new variety.
- KONTA, F. *The systematic position of the fern genus Loxogramme.* Acta Phytotax. Geobot. 29 (1978) 157-164, 14 fig.
Allied to Colysis, Polypodiaceae.
- MISRA, S. & T.N. BHARDWAJ, *Isoetes in Rajasthan, India.* Fern Gaz. 11 (1978) 429-430.
- MITSUBA, *Woodsia subcordata Turcz. - var. subcordata - var. kitadakensis (Ohwi) Mitsuta, comb. nov.* Acta Phytotax. Geobot. 30 (1979) 99-100.
Also note on Dryopteris lepidopoda.
- NAIR, N.C. & S.R. GHOSH, *The rare fern Asplenium grevillei Wall. ex Hook. et Grev. (Aspleniaceae) - A new find for peninsular India.* Indian For. 104 (1978) 819-822, 1 pl.
- NAKAIKE, T. *A contribution to the Fern Flora of New Guinea. (IV).* Bull. Nat. Sci. Mus. Tokyo B 4 (1978) 125-131, 2 fig., 1 pl.
12 taxa, 2 new species, 1 new combination.
- NAKATO, N. & K. MITUI, *Intraspecific polyploidy in Diplazium subsinuatum (Wall.) Tagawa.* J. Jap. Bot. 54 (1979) 129-136, 3 fig., 1 tab.
- PANIGRAHI, G. *Reconsideration of Selaginella ornithopodioides and S. integerrima (Selaginellaceae).* Bull. Bot. Surv. India 18 (1976; publ. 1979) 144-148, 1 fig., 1 pl.
- PARRIS, B.S. *Range extension of the genus Cibotium to New Guinea.* Fern Gaz. 11 (1978) 428.
Record of C. barometz in East New Guinea.
- PICHI SERMOLLI, R.E.G. *A survey of the pteridological flora of the Mediterranean region.* Webbia 34 (1979) 175-242, 26 maps, 5 tab.
Some maps include species which occur also in Malasia.
- SAHASHI, N. *Morphological and taxonomical studies on Ophioglossales in Japan and the adjacent regions (3). Identity of Sceptridium Lyon in the Izu Islands (1).* J. Jap. Bot. 54 (1979) 241-247, 2 fig.
Genus a segregate of Botrychium; 5 species listed.
- *Ditto (3). Ditto (2).* J. Jap. Bot. 54 (1979) 273-281, fig. 5-8.
Key to 4 species of Botrychium and one hybrid.

- SCHELPE, E.A.C.L.E. *A new name for Blechnum capense (L.) Schlechtend.*
 J.S.Afr.Bot. 45 (1979) 221.
 Must be called *B. sylvaticum* Schelpe nom.nov., as *B. capense* Burm.f.
 is validly published.
- SERIZAWA, S. *New species and hybrids of the Japanese Polystichum polyblepharum group.* J.Jap.Bot. 54 (1979) 137-145, 1 fig.
 A new species and a hybrid described.
- *Supplementary notes on the Japanese species of Deparia sect. Athyriopsis.* J.Jap.Bot. 54 (1979) 178-183, 1 fig.
 A new species and some new combinations.
- SLEDGE, W.A. *The identity of Nephrodium malabariense Fée.* Kew Bull. 34 (1979) 77-81.
 = *Christella dentata*.
- SMITH, G.G. *A new record of Asplenium obtusatum Forst.f. var. obtusatum in Western Australia.* West.Austr.Natur. 14 (1979) 123-125, 1 fig.
 Remarkable Austral coastal species found as far N as Queensland; might occur in Malesia?
- SYKES, W.R. *The Pteridophytes of 'Eua, Southern Tonga (W. Polynesia).* Lau Tonga, 1977. Bull. 17 R.Soc.New Zeal. (1978) 119-152, fig. 41-49.
 Annotated checklist, with introduction on habitats. Of the 83 pteridophytes from Tonga, 54 occur on 'Eua, 21°30' S, with 14 only from this predominantly limestone island, with thick deposits of volcanic ash.
- TAGAWA, M. & K.IWATSUKI, *Pteridophytes.* Flora of Thailand 3, pt 1 (1979) 1-128, 9 fig.
 Keys to families, genera and species. It is strange that in the text of this instalment the names of the two authors are not mentioned.
- TRIVEDI, B.S., B.N.MEHROTRA & B.S.ASWAL, *A note on the occurrence of Asplenium indicum Sledge, var. obtusum (Bir) comb.nov. in Western Himalaya.* Geophytology 7 (1977) 280.
- YONG, H.S. *Stag's - horn fern.* Nature Malaysiana 4, pt 2 (1977) 34-37, 4 col.photogr.
 Popular discussion of Platyceriums in Malaysia.
- e) *Spermatophytes & General subjects :*
- ALLORGE, L. *Notes anatomiques sur les genres Parsonsia et Artia de Nouvelle-Calédonie, comparaison avec d'autres genres d'Apocynacées.*
 Adansonia sér.2 19/1 (1979) 117-124, 4 pl.
- ALPHONSO, A.G. *Orchid species of South East Asia and the need for their conservation.* In: Orchids (Publ.Commém.Gold.Anniv.Orch.Soc.SE.Asia) (1979) 62-65, 11 phot.
- ALSAGOFF, S.Y. *Hybrids of the Scorpion Orchids.* In: Orchids (Publ.Commém.Gold.Anniv.Orch.Soc.SE.Asia) (1979) 58-61, 5 phot.

- AMARATUNGA, K.L.D. *A provisional list of weeds (Phanerogams) found in arable soils in Sri Lanka with special reference to three noteworthy new weed records.* Ceyl.J.Sci. 12 (1977) 185-193.
Name list; the three records are common, + pantropical weeds.
- ANDERSON, A.J.U. *Sago and nutrition in Sarawak.* Sarawak Mus.J. n. 25 (1977) 71-80.
Occurrence and uses in Sarawak.
- APLIN, T.E.H. *The vegetation of Western Australia.* In: West.Austr.Year Book n. 17 (ed. W.M.Bartlett), Govt.Printer, Perth (1979) 64-78.
- d'ARCY, W.G. *Solanum robustum in Hawaii.* Solanaceae Newsl. n. 5 (Dec.1978) 4. — American introduction.
- *A new name for the Cherry Tomato (Lycopersicon - Solanaceae).* Ann. Miss.Bot.Gard. 65 (1978) 771-772.
L. esculentum var. cerasiforme (Don) A.Gray must be called var. leptophyllum (Dunal) d'Arcy, comb.nov.
- *The classification of the Solanaceae.* In: J.G.Hawkes c.s. (eds.), The biology and taxonomy of the Solanaceae. Linn.Soc.Symp.Series n. 7 (1979) 3-47, 3 tab.
History of development of taxonomical work; complete list of all generic names and their evaluation; accepted names in bold type. Large bibliography.
- ASAI, Y. *A spineless form of Sicyos angulatus L. in Central Honshu, Japan.* (Cucurb.) J.Jap.Bot. 54 (1979) 255-256, 1 fig.
- ASHTON, P.S. *Flora Malesiana Precursores: Dipterocarpaceae.* Gard.Bull. Sing. 31 (1978) 5-48.
Pentacme reduced to sect. of Shorea; many names reduced in various genera; 2 Parashoreas reinstated; Balanocarpus heimii Sym. distinguished as a separate monotypic new genus Neobalanocarpus; discussions of several critical spp.; new spp. described in Dipterocarpus (3), Hopea (8), Vatica (5), Shorea (6), and new subspecies.
- ASTON, H.I. *Aquatic Plants: New Victorian records.* Vict.Natur. 96 (1979) 67-69, 1 fig.
Najas marina; Pontederia cordata.
- AUSTIN, D.F. *Convolvulaceae.* Flora West Pakistan fam. 126 (1979) 1-64, 8 fig.
12 genera, 53 species, 1 nom.nov. in Argyreia.
- *BABU, C.R. *Herbaceous Flora of Dehra Dun* (1977) — Reviewed on page 3440.
- & F.N.HEPPER, *Taxonomy and nomenclature of Solanum khasianum and some of its relatives.* Kew Bull. 34 (1979) 407-411.
Key to 4 species; some name changes.
- BAKSHI, D.N.G., B.PRAMINICK & P.R.SUR, *Contribution to the Gramineae of West Bengal.* Bull.Bot.Soc.Beng. 30 (1978) 89-97.
Critical name list.

- BALAKRISHNAN, N.P. *Burmannia championii* Thw. - An addition to the flora of the Andaman and Nicobar Islands. Bull.Bot.Surv.India 18 (1976; pub. 1979) 230-231, 1 fig.
- & P.CHAKRABORTY, A new species of *Macaranga* from Nicobar Islands. Gard.Bull.Sing. 31 (1978) 57-60, 1 fig.
- & N.G.NAIR, A new variety of *Cnesmone javanica* Bl. from South Andaman Island, India. Gard.Bull.Sing. 31 (1978) 49-50, 1 fig.
- & ----- New records of orchids from Andaman Islands. Bull.Bot.Surv.India 18 (1976; publ. 1979) 149-154, 2 fig.
7 species, some only known from Malaya earlier.
- BALGOOY, M.M.J.van, Contributions of the Rijksherbarium towards the plant-geography of Malesia and the Pacific. Blumea 25 (1979) 79-81.
Brief sketch of papers emanated from the Rijksherbarium at Leiden.
- BANGERTER, E.B. New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium 4. Rec.Auckl.Inst.Mus. 15 (1978) 27-35.
- BANYARD, B.J. & S.H.JAMES, Biosystematic studies in the *Stylidium crassifolium* species complex (Stylidiaceae). Austr.J.Bot. 27 (1979) 27-37, 4 fig., 2 tab.
S. elongatum reinstated; *S. confluens* sp.nov.
- BARRY, R.G. Aspects of the precipitation characteristics of the New Guinea mountains. J.Trop.Geograph. 47 (1978) 13-30, 4 fig. & maps, 6 tab.
- BARTHOLOMEW, B., R.A.HOWARD & Th.S.ELIAS, Phytotaxonomy in the People's Republic of China. Brittonia 31 (1979) 1-25.
Extensive report on herbaria, activities and publications, observed during a visit in 1978; vista of Flora of China: 200 botanists engaged, completion date planned for 80 volumes in 1985. List of specialists arranged by families. Bibliography.
- BASAK, R.K. Some noteworthy plants from Birbhum District, West Bengal. Indian For. 105 (1979) 477-481.
11 records.
- BASU, P.K. Position of *Mundulea Benth.*: a chemotaxonomic view point. Bull. Bot.Surv.India 18 (1976; publ. 1979) 203-205, 1 tab.
Relegated to tribe Tephrosieae.
- BELTRAN, I.C. Flora of Pulau Perak 1976. Malay.Nat.J. 30 (1978) 461-465, 1 fig.
A small, low, siliceous islet 85 miles SW of Kedah estuary in West Malaysia; with large bird colonies; ferns, grasses and sedges form the poor vegetation. Plant list.
- BENL, G. Ergänzende Bemerkungen zu bisher wenig bekannten *Ptilotus*-Sippen (Amaranthaceae) nebst einigen Neubeschreibungen. Mitt.Bot.München 15 (1979) 161-174, 1 fig.
Notes on 30 species (2 new).

- *Two new taxa of Ptilotus (Amaranthaceae)*. J.Adelaide Bot.Gard. 1 (1979) 201-204, 2 fig.
- BENTLEY, B.L. *Longevity of individual leaves in a tropical rainforest under-story*. Ann.Bot. 43 (1979) 119-121, 1 tab.
There is a great variability; but leaves of many species were still there after 2 years (39%); observed in Costa Rica.
- BHATTACHARYYA, P. *What is Utricularia caerulea L.?* Bull.Bot.Soc.Beng. 30 (1978) 73-87, 8 fig.
U. polygaloides Edgew. reinstated; new variety of U. caerulea L. em. Burm.f.
- BHATTACHARYYA, U.C. & N.C.MAJUMDAR, *Lepidium divaricatum Sol., a new record for India*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 214, 1 fig.
- BHOPAL, F.G. & M.N.CHAUDHRI, *Flora of Pothohar and the adjoining areas. Part II. Casuarinaceae to Polygonaceae*. Pakist.Systematics 1 (2) (1977) 1-98, 54 pl.
Keys to families, genera, and species; brief description of species.
- BLANCH, K. & N.BLANCH, *Orchids of the Hastings River area*. The Orchadian 5 (1977) 135-136.
Trip report.
- BLAXELL, D.F. *Notes on Australasian Orchidaceae. A new combination in Liparis*. Telopea 1 (1978) 357-358.
1 new combination.
- *Type specimens of Schlechter's names in Orchidaceae at the Conservatoire et Jardin Botaniques, Geneve*. Telopea 1 (1978) 359-363.
Species listed with collection numbers.
- BOGNER, J. *Two new Aridarum species and one new variety from Sarawak*. Aroideana 2 (1979) 110-129, 11 fig.
Key to the 7 genera of Schismatoglottidinae and to the 5 species of Aridarum, all from Sarawak (2 new and 1 var.); 2 new names in Schismatoglottis. Aridarum longipedunculatum M.Hotta is reduced to A. purselovei (Furtado) Hotta.
- BOITEAU, P. & L.ALLORGE, *Nouveaux taxons d'Alyxia (Apocynaceae) de Nouvelle-Calédonie*. Adansonia sér.2, 18/4 (1979) 443-457, 3 pl.
8 new species; 3 new series.
- BORTHAKUR, S.K. & P.K.HAJRA, *Vanilla pilifera Holtt. (Orchidaceae) in Mikir Hills, Assam*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 228-230, 1 fig.
- BREMER, B. *The genus Neurocalyx (Rubiaceae-Argostemmataceae) in Ceylon*. Bot. Notis. 132 (1979) 399-407, 8 fig.
Revision; key to 4 species (3 endemic in Ceylon, 1 also in India).
- BREMER, K. *Taxonomy of Memecylon (Melastomataceae) in Ceylon*. Opera Botanica n. 50 (1979) 1-32, 12 fig., 3 col.phot.
Key to 30 species (1 new).

- BRIGGS, B.G. & L.A.S. JOHNSON, *Evolution in the Myrtaceae - Evidence from inflorescence structure*. Proc. Linn. Soc. N.S.W. 102 (1979) 157-256, 12 fig., 3 tab.
Several adjustments: Osbornia in Myrtoideae, Basisperma in Metrosideros alliance; Eucalyptopsis and Eucalyptus in separate alliances. Comments on allied families in Myrtales; new suggestions on their place. Nani included in Xanthostemon; Kania upheld. Inflorescence conditions listed for 144 genera.
- BURKILL, H.M. *The role of the Singapore Botanic Gardens in the development of orchid hybrids*. In: Orchids (Publ. Commem. Gold. Anniv. Orch. Soc. SE. Asia) (1979) 38-41, 5 phot.
- CAMBRIDGE, M.L. & J. KUO, *Two new species of seagrasses from Australia, Posidonia sinuosa and P. angustifolia (Posidoniaceae)*. Aquatic Bot. 6 (1979) 307-328, 20 fig., 3 tab.
- CARLQUIST, S. *Stylidium in Arnhem Land: new species, modes of speciation on the sandstone plateau, and comments on floral mimicry*. Aliso 9 (1979) 411-461, 89 fig.
Description and discussion of 6 new species of Stylidium from the almost inaccessible sandstone tableland; discussion on pollination, speciation, mimicry.
- CARRICK, J. & K. CHORNEY, *A review of Melaleuca L. (Myrtaceae) in South Australia*. J. Adelaide Bot. Gard. 1 (1979) 281-319, 21 fig., 13 maps.
Revision of 21 species (some new); no ecological data are given on any species, a pity!
- CARTER, C.R. *Taxonomy of the Brachycome lineariloba complex (Asteraceae)*. Telopea 1 (1978) 387-393, 1 map.
Key to the species and varieties of this complex; 2 new species.
- CHANDRA, D. *Choerospondias auriculata (Anacardiaceae). A new species from India*. J. Bomb. Nat. Hist. Soc. 75 (1979) 457-460, 1 fig.
- CHANDRABOSE, M. & S.R. SRINIVASAN, *Notes on some rare and interesting plants from South India*. Bull. Bot. Surv. India 18 (1976; publ. 1979) 236-238, 1 fig.
3 species.
- CHANG, Chen-wan, *Taxa nova generis Caragana Lam. e montibus Tsing-ling Sinicae. (Legum.)* Acta Phytotax. Sin. 17, n. 2 (1979) 82-87, 4 fig.
3 new species and 2 varieties.
- CHANG, Hung-ta, *New Elaeocarpaceous plants from China*. Acta Phytotax. Sin. 17, n. 1 (1979) 52-59.
Elaeocarpus 10 new species, Sloanea 3.
- CHANG, King-tang, *The spore and pollen morphology in relation to the taxonomy and phylogeny of some plant groups*. Acta Phytotax. Sin. 17, n. 2 (1979) 1-8, 3 fig., 2 tab.
In Chinese. Genealogy of Hamamelidaceae and the genus Anemone; remarks on the position of some groups of ferns.

- CHANG, Roh-hwei & An-ming LU, *A study of the genus Carya Nutt. in China*. Acta Phytotax.Sin. 17, n. 2 (1979) 40-44, 2 fig.
In Chinese. Key to 5 species (2 new).
- CHAR, M.B.S. *A new species of Brachystelma R.Br. (Asclepiadaceae) from India*. Curr.Sci. 47 (1978) 965-966, 2 fig.
- CHAUDHRI, M.N. *The Pakistan Herbarium*. Pakist.Systematics 1 (2) (1977) 100-105.
The Islamabad Herbarium of Quaid-i-Azam University has now passed 100,000 sheets; comment on prospects of progress.
- CHAUDHURI, R.H.N. & G.N. TRIBEDI, *On the occurrence of some medicinal plants in 24-Parganas, West Bengal*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 161-165.
39 species recorded.
- CHEKE, A.S., W.NANAKORN & Chusee YANKOSES, *Dormancy and dispersal of seeds of secondary forest species under the canopy of a primary tropical rain forest in northern Thailand*. Biotropica 11 (1979) 88-95, 1 fig., 5 tab.
Suggests that there is in rain-forest a reserve of seed of nomad species. It is strange that seeds extracted from these forest soils did not germinate. Various experiments.
- CHEN, Sing-chi, *On Diplandrorchis, a very primitive and phylogenetically significant new genus of Orchidaceae*. Acta Phytotax.Sin. 17, n. 1 (1979) 1-6, 1 fig.
Saprophytic; almost regular flowers with 2 median stamens; self-pollinated.
- *The column types of Neottia and Archineottia of the family Orchidaceae and their taxonomic and phylogenetic significance*. Acta Phytotax.Sin. 17, n. 2 (1979) 9-22, 1 pl.
In Chinese. Archineottia n.g.; Neottineae consist of 4 genera; 13 new combinations.
- CHENG, Mien, *New taxa of Buxaceae from China with discussions of some species*. Acta Phytotax.Sin. 17, n. 3 (1979) 97-103.
New species of Buxus and Sarcococca.
- CHENG, Wan-Chün & Li-kuo FU (ed.), *Gymnospermae*. Fl.Reipubl.Sinic. 7 (1978). — Non vidi.
- CHIN, H.F. *Secrets and wonders of seeds*. Nature Malaysiana 4 (1979) 21-24, 14 col.phot.
Fruit and seed structure; seedlings.
- CHIN, S.C. *Shifting cultivation - A need for greater understanding*. Sarawak Mus.J. 25 (1977) 107-128.
Various systems and alternatives in Sarawak.
- CHINNOCK, R.J. *Ten new species of Eremophila (Myoporaceae) from Central and Western Australia*. J.Adelaide Bot.Gard. 1 (1979) 237-262, 12 fig., 3 maps.

- CHIU, Lee-ching, *A new species of Valeriana Linn. from Tibet*. Acta Phytotax. Sin. 17, n. 3 (1979) 124, 1 fig.
- CHRISTOPHEL, D.C. & D.T. BLACKBURN, *Tertiary megafossil flora of Maslin Bay, South Australia: a preliminary report*. Alcheringa 2 (1978) 311-319, 4 fig. (1 map).
Interesting broad-leaved flora from S. Australia; Nothofagus brassii pollen dominant; Podocarpus, Agathis, aff. Fatsia, Banksia; here recorded.
- CLAYTON, W.D. *Notes on Setaria (Gramineae)*. Kew Bull. 33 (1979) 501-509, 3 fig., 2 tab.
Key to 6 species of the Setaria palmifolia complex.
- CLEMENTS, M.A. *The genus Dipodium R.Br. in Australia*. The Orchadian 6 (1979) 75-77, 1 fig.
5 species distinguished and briefly diagnosticized.
- CLEMESHA, S.C. *A review of Dendrobium bigibbum Lindl.* The Orchadian 6 (1978) 27-33, 3 fig.
- COCKBURN, P.F. *Flora. Chapter 7*. In: Luping, Chin Wen & Dingley (ed.), Kinabalu, summit of Borneo. Sabah Soc. Monogr. (1978) 179-190, col. pl. xvii-xxiv (18 fig.).
Plant-geography in the different zones.
- * *COLOUR ILLUSTRATIONS OF COMMON CHINESE MEDICINAL PLANTS, ANIMALS & MINERALS. Vol. III*. Edited by the Southern China Botanical Institute, Academia Sinica & The Kwantung Provincial Pharmaceutical Products Co., 658 pp., 329 col. pl. (1978, April. Published by the Kwantung Publication Club). All in Chinese, but the Latin name of each plant given.
An excellent collection of coloured illustrations, each accompanied by a page of descriptions and notes, the plates and colours very natural.
- COMTE, J.R. le, *Aciphylla trifoliolate rediscovered*. (Umb.) New Zeal. J. Bot. 17 (1979) 219-220.
- COOK, C.D.K. *A revision of the genus Rotala (Lythraceae)*. Boissiera 29 (1979) 1-156, 28 fig., 16 maps, 1 tab.
Complete monograph; of the 97 paper species 44 are accepted; one new comb.; 8 species occur in Malesia; an additional one occurs in Asia and Australia, but not yet recorded from Malesia (*R. occulliflora* Koehne). Of all species a detailed floral analysis is figured and a distribution map is given.
- COOPER, D. *Native orchids of New Zealand. 2. Corybas macranthus Reichb. f.* The Orchadian 6 (1978) 40-41, 2 fig.
- *Ditto. 3. Aporostylis bifolia Rupp et Hatch*. The Orchadian 6 (1979) 51, 2 fig.
- *Ditto. 4. Pterostylis oliveri Petrie and Pterostylis irsoniana Hatch*. The Orchadian 6 (1979) 78-79, 2 fig.

- CORNER, E.J.H. *Plant Life. Chapter 6*. In: Luping, Chin Wen & Dingley (ed.), Kinabalu, summit of Borneo. Sabah Soc. Monogr. (1978) 112-178, 4 fig., 8 + xvi pl.
Magnificently illustrated discussion of the plant groups represented in the summit area.
- CRUSIO, W.E. *Een aparte Crypto: Cryptocoryne lingua Beccari ex Engler, 1879*. Het Aquarium 50 (1979) 61-62, 3 fig.
In Dutch. Detail notes on this Papuan species.
- *Cryptocoryne siamensis Gagnepain, 1941*. Het Aquarium 50 (1979) 106-108, 4 fig.
In Dutch. Description and discussion.
- CRUTTWELL, N.E.G. *The alpine flora of Papua New Guinea*. Quart. Bull. Alpine Gard. Soc. 46 (Sept. 1978) 190-194, 3 fig.; (Dec. 1978) 326-332, illus.; (March 1979) 47: 55-59.
The tree limit in PNG normally occurs at 3300 m in the Western Highlands, at 2700 m in E. Papua, and alpine species were seen at 2100 m. Notes on *Gentiana* spp. and their cultivation. Part 2 discusses some orchids: *Corybas*, *Dendrobium*, *Habenaria*, *Pterostylis*, *Thelymitra*. Part 3 deals with the largest and the smallest-flowered *Rhododendron*.—M.J.
- CULLEN, J. & D.F. CHAMBERLAIN, *New taxa*. Rhodod. 1978 with Magnolias and Camellias; Roy. Hort. Soc. (1978) 51-54.
4 new species of *Rhododendron* from Yunnan, Tibet and NE. India.
- & ----- *A preliminary synopsis of the genus Rhododendron. II*. Notes R. Bot. Gard. Edinb. 37 (1979) 327-338.
Contains in the systematically arranged list a large number of new combinations of infraspecific rank; some new subsections.
- DARWIN, S.P. *A synopsis of the indigenous genera of Pacific Rubiaceae*. Allertonia 2 (1979) 1-44, 2 fig.
Key to 39 genera and keys within tribes to genera; each genus with typification and brief discussion; plates with pollen grain SEM photographs.
- DAS, S. & S.K. JAIN, *Coelogyne glandulosa Lindl. and its two new varieties*. Bull. Bot. Surv. India 18 (1976; publ. 1979) 241-244, 1 fig.
- DAVIDIAN, H.H. *Two new Rhododendrons*. Rhodod. 1974 with Magnolias and Camellias; Roy. Hort. Soc. (1974) 46-49.
From Tibet.
- *Two new Rhododendron species and a new variety*. Rhodod. 1978 with Magnolias and Camellias; Roy. Hort. Soc. (1978) 26-30.
New species from Szechuan and N. Burma.
- DAVIES, F.G. *The genus Gynura (Compositae) in Eastern Asia and the Himalayas*. Kew Bull. 33 (1979) 629-640.
Key to 9 species; only the widespread *G. procumbens* occurs in Malasia.

- DAVIS, T.A. *Some unusual formations in palms*. Principes 23 (1979) 80-83, 8 fig.
Teratologica.
- DEB, D.B. *Solanaceae in India*. In: J.G.Hawkes c.s. (ed.), *The biology and taxonomy of the Solanaceae*. Linn.Soc.Symp.Series n. 7 (1979) 87-112, 17 maps, 1 tab.
Name list of genera; each species mapped for India.
- & S.DASGUPTA, *A new species of Dipcadi Medik. (Liliaceae) from India*. Indian For. 104 (1978) 754-756, 1 pl.
- & R.DUTTA, *On the identity of Borreria eradii Ravi (Rubiaceae)*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 216-217.
Reduced to *Spermacoce latifolia* Aubl.
- DEORI, N.C. & G.H.BHAUMIK, *Notes on rare plants from Hasi Hills, Meghalaya*. Bull.Bot.Surv.India 18 (1979) 225-227.
A *Salvia* and *Pomatocalpa*.
- & G.C.DAS, *Notes on rare orchids from North-eastern India. II*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 233-235, 1 fig.
Notes on 6 species.
- & ----- *New and rare plants from North-eastern India*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 238-241, 1 fig.
3 species.
- * DINGLEY, E.R., c.s. (ed.), *Kinabalu, summit of Borneo* (1978) — Reviewed, see under Kinabalu, page 3448.
- DORTORT, F. & T.THOMPSON, *Alocasias*. Aroideana 2 (1979) 35-51, 13 fig.
Several species and their cultivars depicted and described.
- DRANSFIELD, J. *The identity of "rotan manau" in the Malay Peninsula*. Malays.For. 40 (1977) 197-199.
Calamus giganteus Becc. is reduced to *C. manan* Miq.; *C. tumidus* Furtado is distinct.
- *A note on the genus Cornera (Palmae: Lepidocaryoideae)*. Malays.For. 40 (1977) 200-202.
Cornera is reduced to *Calamus*; 3 new combinations.
- *Systematic notes on some Malayan rattans (Palmae: Lepidocaryoideae)*. Malays.For. 41 (1978) 325-345.
Precursor to *Manual of rattans in the Malay Peninsula*. Some new species and other systematic adjustments.
- *Calamus sedens (Palmae: Lepidocaryoideae)*. Kew Bull. 33 (1979) 528.
New name for a Malayan rattan.
- *A monograph of Ceratolobus (Palmae)*. Kew Bull. 34 (1979) 1-33, 4 fig., 1 tab.
Ample general notes; key to 6 species.

- *Calamus sedens* Dransfield (*Palmae*) validated. Kew Bull. 34 (1979) 320.
From Malaya; new name for *Calamus ramosissimus* Becc. in Hook.f.
- & N.MANOKARAN, *New records of rattans (Palmae: Lepidocaryoideae) for Peninsular Malaysia*. Malay.Nat.J. 30 (1978) 523-531, 3 phot.
Several records of species of various genera.
- DUNCAN, M.L. *Ants foraging on Jelutong seeds*. Malays.For. 40 (1977) 207-209, 2 fig.
Ants eat cotyledons and albumen of ungerminated seeds of *Dyera costulata* (Apoc.). In germinating seeds only the albumen is attacked.
- DUNLOP, C.R. *Botany of Maria Island, Gulf of Carpentaria*. North.Terr.Bot. Bull. n. 2 (1979) 1-14.
Vegetation sketch and name list.
- * EDDOWES, P.J. *Commercial timbers of Papua New Guinea. Their properties and uses*. Issued under author. of Director, Office of Forests, Dept. of Primary Industry, P.N.G. (1977) 195 + xiv pp., 2 maps.
Properties and applications of major timbers of Papua New Guinea; list of timbers for specific end uses; indices by botanical and common names; map of major timber areas of P.N.G.
- EICHLER, H. *Herbarium Australiense*. Annual Report 1978. Div.Plant Industr. CSIRO Canberra A.C.T.: 32-35, 118-120.
Brief history of the 50 year old Herbarium; now c. 360,000 sheets; account of collecting trip in NE. Kimberleys, West Australia; Cape York Pen. collections; account of current revisional work for Flora Australiense.
- * ELLEN, R.F. *Nuaculu settlement and ecology. An approach to the environmental relations of an eastern Indonesian community*. Nijhoff, Box 269, Den Haag, The Netherlands (1978) xi + 265 pp., 14 fig., 14 maps.
Verhand.Taal Land Volkenk. 83. Paper. Dfl. 60.00.
Sociological study on a village of 180 sedentary swidden cultivators on the S. coast of Central Ceram. Land use is extensively discussed; the environmental aspects are shallowly dealt with and some common plants named. Material of them may be in Kew. Production is good.—M.J.
- ENDRESS, P.K. *A second species of Steganthera (Monimiaceae) from Australia*. Blumea 25 (1979) 315-318, 7 fig.
1 new combination.
- ENRIGHT, N.J. *The effects of logging on the regeneration and nutrient budget of Araucaria cunninghamii dominated tropical rainforest in Papua New Guinea*. Malays.For. 41 (1978) 303-318, 7 fig., 3 tab.
- FADEN, R.B. *Pollia Thunb. (Commelinaceae): the first generic record from the New World*. Ann.Miss.Bot.Gard. 65 (1978) 676-680, 1 fig.
New species in Panama.
- FANG, Wen-pei, *Praecursores Florae Aceracearum Sinensium*. Acta Phytotax. Sin. 17, n. 1 (1979) 60-86. — Many dozens of new taxa.

- FANTZ, P.R. *A new section of Clitoria subgenus Neurocarpum (Leguminosae) and a new species endemic to Thailand.* Brittonia 31 (1979) 115-118, 1 fig.
- *The butterfly pea of Ternate.* Fairchild Trop.Gard.Bull. 34, n. 3 (1979) 13-16, 1 fig.
Details on *Clitoria ternatea*, Legum.
- FARRELL, P.G. & S.H. JAMES, *Stylidium ecorne (F. Muell. ex Erickson and Willis) comb. et stat. nov. (Stylidiaceae).* Austr.J.Bot. 27 (1979) 39-45, 2 fig., 4 tab.
- FAYED, A. *Revision der Grangeinae (Asteraceae-Astereae).* Mitt.Bot.München 15 (1979) 425-576, 49 fig., 27 maps.
Amongst others revisions of *Grangea* and *Dichrocephala*; also generic and species maps.
- FISHER, J.B. & J. DRANSFIELD, *Comparative morphology and development of inflorescence adnation in rattan palms.* Bot.J.Linn.Soc. 75 (1977) 119-140, 3 fig., 7 pl.
Examination of 52 species in 14 genera suggests that hapaxanthics are less specialized.
- & ----- *Development of axillary and leaf-opposed buds in rattan palms.* Ann.Bot. 44 (1979) 57-66, 1 fig., 4 pl.
Different positions in 33 species; *Korthalsia* of special interest.
- * FLENLEY, J.R. *The equatorial rain forest: a geological history* (1979) — Reviewed on page 3440.
- * FLORA OF TAIWAN, Vol. 1-5 (1975-1978) — Reviewed on page 3443.
- * FONTANEL, J. & A. CHANTEFORT, *Bioclimates of the Indonesian Archipelago. With maps.* Trav.Sect.Scient.& Techn.Inst.Français Pondichéry t. 16 (1978) 104 pp., 20 tab., 7 fig., maps.
Climate types and maps.
- * FORD, E. (ed.), *Papua New Guinea resource atlas* (1974) — Reviewed on page 3443.
- FORMAN, L.L. *The identity of Batania Hatusima (Menispermaceae). The Menispermaceae of Malesia and adjacent areas. X.* Kew Bull. 33 (1979) 567-569.
Appears to be a new species of *Pycnarrhena*.
- FOSBERG, F.R. & M.-H. SACHET, *Callicarpa erioclona Schauer (sensu stricto).* (Verben.) Phytologia 41 (1979) 363-365.
Description of indument in this species ranging from SE. Asia to Malesia; excluding plants from Micronesia.
- & ----- *Maesa (Myrsinaceae) in Micronesia.* Phytologia 44 (1979) 362-369.
Key to 4 species (and varieties), 2 new.

- FRIEDBERG, C. *Les palmiers a sucre et a vin dans le sud-est Asiatique et en Indonésie*. JATBA, J.Agric.Tradit.et Bot.Appl. 24 (1977) 341-345. Including observations in the Lesser Sunda Islands.
- FU, Li-kuo, Chia-jui CHEN & Yen-cheng TANG, *Materiae ad floram Ulmacearum sinensium*. Acta Phytotax.Sin. 17, n. 1 (1979) 45-51, 3 fig. Comments on Trema, Ulmus, Celtis, Aphananthe. Several new combinations and new species.
- FU, Shu-hsia, *A new species of Rhodiola from Tibet (Crass.)*. Acta Phytotax.Sin. 17, n. 3 (1979) 128, 1 fig.
- FUKUOKA, N. *Studies in the floral anatomy and morphology of Rubiaceae. II. Hedyotideae (Hedyotis)*. Acta Phytotax.Geobot. 29 (1978) 179-185, fig. 7-10.
- *FUNDTER, J.M. & J.H.WISSE, *40 Belangrijke houtsoorten uit Indonesisch Nieuw Guinea (Irian Jaya) met de anatomische en technische kenmerken*. Meded.Landbouwhogeschool Wageningen 77-9 (1977) 1-223, illus. 40 important timbertrees from West New Guinea with anatomical and technical features.
- FURTADO, J.I. *The status and future of the tropical moist forest in South-east Asia*, p. 73-120, in MacAndrews & Chia, *Developing economics and the environment* (1979). Coverage (by implication) is Thailand, Malaysia, Indonesia, and the Philippines. A terse, balanced overview, packed with facts, mostly on Malaya. Under The Resource Base come climate and soils, forest succession, bioproduction, cycles, flora, fauna, drainage. Under Development and Environmental Impacts come mining, forestry, shifting cultivation, agriculture, animal husbandry and fisheries. Under Future Prospect comes conservation, planning and strategies. Plea for modernization through restrained flexibility, a truly holistic approach; the vision is optimistic and open-ended ... with the danger that the latter condition, always under the banner of sustained yield, will come to apply all too literally to the forests. Impressive documentation in 132 notes.—M.J.
- GADELLA, T.W.J. *Mogelijkheden en beperkingen in de hedendaagse plantensystematiek*. Vakbl.Biol. 59 (1979) 146-151, 3 fig. Restrictions and opportunities in current plant taxonomy. Lecture (in Dutch) in mini-symposium held during the sesquicentennial of the Rijksherbarium at Leiden.
- GARDINER, J.M. *Silverswords and greenswords from Hawaii*. The Garden 104 (1979) 50-54, 5 fig. Observations on *Argyroxiphiums* (Compos.) from Hawaii.
- GARDNER, R.C. *Revision of Lipochaeta (Compositae: Heliantheae) of the Hawaiian Islands*. Rhodora 81 (1979) 291-343, 10 fig., 1 tab. 23 species and several varieties keyed out and described; 3 new species, some new varieties; identification list. Aff. *Wedelia*; chromosomes; phylogenetic scheme.

- GARNOCK-JONES, P.J. *Plant communities on Lakeba and Southern Vanua Balavu, Lau Group, Fiji*. R.Soc.New Zeal.Bull. 17 (1977) 95-117, fig.29-40. Four main vegetation types: strand, mangrove, grassland and other secondary vegetation, primary forest. Fires and heavy erosion since native settlement 3000 years ago; plant checklist.
- GHOSH, R.B. & S.C.DUTTA, *Angiosperms not included in the Flora of British India, List V*. Bull.Bot.Soc.Beng. 30 (1978) 129-133. List of 100 species.
- , R.S.RAO & G.G.MAITTY, *A less or little known plant of Eastern Himalaya*. Indian For. 104 (1978) 751-753, 1 pl. *Primula bhutanica* Fletch.
- * GILMOUR, J.S.L., J.GREATWOOD & P.F.HUNT, *Handbook on Orchid nomenclature and registration. 2nd Ed.* Intern.Orchid Commission, Cambridge, Mass. & R.Hort.Soc., London (1976) x + 149 pp. £ 2.25.
- GOULDING, J.H. *Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium. Parts 1 and 2. Pteridophyta and Gymnospermae*. Rec.Auckl.Inst.Mus. 15 (1978) 37-44, 3 fig.
- * GOWERS, S. *Some common trees of the New Hebrides and their vernacular names*. For.Sect., Dept.Agric.Port Vila, New Hebrides. 2nd ed. (March 1978) 189 pp., illus. (stencilled). Easy key for c. 70 species of trees; of each species a description and a habit figure; for foresters and laymen.
- GRAY, B. *Pomatocalpa marsupiale (Orchidaceae), a new record for Australia*. Muelleria 4 (1979) 201-203, 1 fig. Previously only from New Guinea.
- GREAR, J.W. *A revision of the New World species of Rhynchosia (Leguminosae-Faboideae)*. Mem.N.Y.Bot.Gard. 31 (1978) 1-168, 34 fig. & maps. Monograph, with chapters on morphology, distribution, cytology; reproduction; keys to taxa of all categories; relationships; economics; 52 species recognized.
- GREEN, P.S. & F.K.KUPICHA, *Notes on the genus Olea*. Kew Bull. 34 (1979) 69-75, 1 fig., 1 map. The type of *Olea indica* Burm.f. is probably not from Java but from South Africa!
- & J.B.SIMMONS, *Report of a visit to the People's Republic of China. May-June 1978*. Roy.Bot.Gard.Kew (May-June 1978) 34 pp. mimeogr., map.
- GREGOR, H.-J. *Subtropische Elemente im europäischen Tertiär. III. Rutaceae. Die Gattungen Toddalia und Zanthoxylum*. Acta Palaeobotanica 19 (1978) 21-40, 9 Abb., 6 Taf. Descriptions of some new species of *Toddalia* and *Zanthoxylum* from the European Tertiary (mostly Mid-Miocene, some also from Pliocene).

----- *Systematics, biostratigraphy and palaeoecology of the genus Toddalia Juss. (Rutaceae) in the European Tertiary*. Rev.Palaeobot.Palyn. 28 (1979) 311-363, 71 fig. (incl. maps).

Nine species (4 new) are found in Tertiary of Europe (browncoal and clay pits) from Eocene to Pliocene, between 35-55°N. Recent range is from W. Africa east to the Moluccas and S. Japan at 35°N. Author suggests (from fossil experience) that the recent genus is not monotypic, a dangerous conclusion!—v.St.

* GREGORY, M. *Wood Identification - an annotated bibliography* (1980) — Reviewed on page 3444.

GREGORY, Ted, *Some thoughts on Sarcophilus hillii (F.Muell.) F.Muell.* The Orchadian 6 (1979) 87, 1 fig.

* GRESSITT, J.L. & Nalindi NADKARNI, *Guide to Mt Kaindi*. Wau Ecology Institute, Handbook n. 5 (1978). US\$ 5.

Biological, physical and historical aspects of Mt Kaindi, the only forested mountain in Papua New Guinea with a road right to the top to a microwave repeater station. The Wau institute wants to see this summit as a national park reserve.

GREY-WILSON, C. *A new species of Impatiens (Balsaminaceae) from Hong Kong*. Kew Bull. 33 (1979) 551-553, 1 fig.

GRIERSON, A.J.C. & D.G.LONG, *Notes relating to the flora of Bhutan. II*. Notes R.Bot.Gard.Edinb. 37 (1979) 341-354, 4 fig., 1 pl., 2 tab. Novelties and critical remarks on Maytenus, Indigofera, Butea, Sophora, Entada, Potentilla, Sibbaldia and Haya; several new combinations and new species.

GRUDZINSKAYA, I.A. *About the forgotten Himalayan species of Ulmus L.* Nov. Syst.Plant.Vasc. 8 (1971) 138-142.
U. virgata Planch. 1873 reduced to a new variety of U. androssowii.

----- & N.T.SKVORTSOVA, *On the taxonomy of the genus Schefflera Forst. et Forst. fam. Araliaceae in the Flora of North Vietnam*. Nov.Syst. Plant.Vasc. 9 (1972) 226-235, 4 fig.

A new variety of S. delavayi and of S. hypoleucoides.

----- & ----- *New and little known species of the family Araliaceae from the Hoa Binh Province of North Vietnam*. Nov.Syst.Plant.Vasc. 9 (1972) 236-246, 3 fig.

2 new species of Schefflera; notes on 2 rare ones and a Hedera.

GUHA BAKSHI, D.N. & J.LAHIRI, *A note on the Halophytes in India*. Bull.Bot. Soc.Beng. 30 (1978) 117-119.

Name list; mangroves, beach and weeds mixed; a bad account.—v.St.

GUILLAUMET, J.-L. & F.KAHN, *Description des végétations forestières tropicales, approche morphologique et structurale*. Candollea 34 (1979) 109-131, 3 fig.

How to estimate volumes of life forms, aided by a spate of words like phytoplexion, prophyse, ameroide (for organisation indiscernable). Armchair work.—M.J.

- GUPTA, B.K. *Studies on the genus Cymbopogon Spreng. VIII. A contribution to the classification of Indian species of Cymbopogon.* J. Bomb. Nat. Hist. Soc. 75 (1979) 450-453.
Key to 23 species; *C. confertiflorus* (Steud.) Stapf restored.
- HAEGI, L. *Australian genera of the Solanaceae.* In: J.G. Hawkes c.s. (ed.), *The biology and taxonomy of the Solanaceae.* Linn. Soc. Symp. Series n. 7 (1979) 121-124, 1 tab.
Affinities of genera, especially tabulation of characters in the endemic ones.
- HALLÉ, N. *Architecture du rhizome chez quelques Zingibéracées d'Afrique et d'Océanie.* Adansonia sér. 2, 19/2 (1979) 127-144, 14 fig.
Morphology; key to architectural types.
- HANSEN, B. *Notes on Asian species of Xyris.* Bot. Tidsskr. 74 (1979) 21-25, 5 fig.
Xyridaceae; some Malesian species involved. One new sp. from NE. Thailand.
- HANSEN, C. *A revision of the genus Sarcopyramis Wall. (Melastomataceae).* Bot. Tidsskr. 73 (1979) 177-183, 3 fig. (1 map).
Concluded that genus is monotypic; SE. Asia and W. Malesia.
- HANSON, A.J. & KOESOE BIONO, *Settling coastal swamplands in Sumatra,* p. 121-175, 11 fig., in MacAndrews & Chia, *Developing economics and the environment* (1979).
Critical overview of a large project in the Upang delta of the Rivers Musi and Banyuasin near Palembang. Swamp forests on shallow peat were converted into farmland (rice). Peat land use, mangrove use, fisheries, and transport are interfering in cases. Problems may turn up on 19 points in the following sectors: 1. Soil toxification/fertility declining, 2. Land instability/river shallowing, 3. Low water quality/salt intrusion, 4. Catastrophic flood/drought, 5. Fisheries decline, 6. Forest product shortage, 7. Vegetation succession/competition, 8. Agricultural pest outbreaks, 9. Disease and vector build-up, 10. Stability of banks, roads, bridges, and their maintenance, 11. Multiple allocation of the same resource, 12. Underutilization of resources, 13. Insidious environmental degradation; altogether there are 104 problem areas. For effective development 42 broad categories of 'environmental standards' are identified where control is necessary. Authors find "no basis to express either profound optimism or pessimism about the outcome" (p. 174). Let them reread their own clinical, sobering paper.—M.J.
- HARA, H. *Comments on the East Asiatic plants (6).* J. Jap. Bot. 54 (1979) 97-105, 1 fig.
Notes on *Betula*, *Vicia*, *Potentilla*.
- *----- & L.H.J. WILLIAMS, *An enumeration of the flowering plants of Nepal.* Brit. Mus. (Nat. Hist.), Publ. n. 810 (1979) 220 pp.
The second volume of this important census (see page 3313) running from Ranunculaceae to Dipsacaceae.

- HARAHAP, R. *Jambu air dan usaha pembudidayaannya*. Bul. Kebun Raya 3 (1978) 169-171.
In Indonesian; with abstract. Uses of *Syzygium aquaeum*.
- HARRIES, H.C. *The evolution, dissemination and classification of Cocos nucifera L.* Bot. Review 44 (1978) 265-319, 10 fig.
Large review of selection and cultivation; dissemination by man; infraspecific classification.
- HEDBERG, I. (ed.), *Systematic botany, plant utilization and biosphere conservation* (1979) — Reviewed on page 3444.
- HEEL, W.A. van, *Morphology at the Rijksherbarium*. Blumea 25 (1979) 107-113.
View on work done on phylogeny, morphology, pollen and anatomy at the Rijksherbarium, Leiden.
- HEINE, H. *Tour of New Zealand, Febr. 14 - March 9, 1977*. Intern. Dendrol. Soc. Yearbook 1977: 25-60, 1978: 61-70, illus.
Interesting botanical description of IDS tour with emphasis on trees.
- HENRY, A.H. & M.S. SWAMINATHAN, *A new Hoya R.Br. (Asclepiadaceae) from South India*. J. Bomb. Nat. Hist. Soc. 75 (1979) 462-464, 5 fig.
- HENSHALL, T.S. *The botany of Peron Island, Anson Bay*. North. Terr. Bot. Bull. n. 2 (1979) 27-35, 1 map.
Brief sketch of vegetation; name list.
- & A.S. MITCHELL, *Vegetation survey of the Keep River study area*. North. Terr. Bot. Bull. n. 2 (1979) 15-25, 2 maps.
Brief account of vegetation and name list.
- HEPPER, F.N. *On typifying Linnaean names of Solanaceae*. In: J.G. Hawkes c.s. (ed.), *The biology and taxonomy of the Solanaceae*. Linn. Soc. Symp. Series n. 7 (1979) 131-133.
Critical notes on 3 species names which have to be reduced: *S. indicum L.*, *S. sodomium L.*, *S. violaceum R.Br. non Ortega*.
- HEYWOOD, V.H. (consultant ed.), *Flowering plants of the world* (1978) — Reviewed on page 3445.
- HIDAJAT, E. *Rambutan, kerabatnya dan manfaatnya selain sebagai buah meja*. Bul. Kebun Raya 3 (1978) 161-164, 1 tab.
In Indonesian; abstract. Remarks on *Nephelium sp.* (Sapind.); only two with suitable fruit.
- HILU, K.W., J.M.J. de WET & J.R. HARLAN, *Archaeobotanical studies of Eleusine coracana ssp. coracana (Finger millet)*. Amer. J. Bot. 66 (1979) 330-333, 10 fig.
From India; NE. Africa probably the site of domestication.
- HINDMARSH, M.M. & D.F. BLAXELL, *A new species of Stylidium (Stylidiaceae) from the Sydney region*. Telopea 1 (1978) 365-370, 2 fig., 1 pl.

- HLADIK, A. *Distribution of plants available as food to different primate species: a mathematical approach*, p. 391-398, in D.J. Chivers & J. Herbert (ed.), *Recent Advances in Primatology* (1978). Academic Press, London.
Quantities, in Ceylon forest.
- * HO, Feng-chi, *Tropical plants of Taiwan in color. Vol. 1 & 2* (1977-1979)
— Reviewed on page 3447.
- HOLTUM, R.E. *Memories of early days*. In: *Orchids* (Publ. Commem. Gold. Anniv. Orch. Soc. SE. Asia) (1979) 14-17, 3 phot.
History of the cultivation of orchids at Singapore Botanic Garden and early days of the Orchid Society.
- HONG, L.T. *A note on Dipterocarp mycorrhizal fungi*. *Malays. For.* 42 (1979) 280-283, 3 fig., 1 tab.
9 Agarics act as mycorrhiza.
- HOOGLAND, R.D. *Saurauia gerontogae. II. Notes on some species of Java*. *Gard. Bull. Sing.* 31 (1978) 67-72, 2 fig.
Nomenclature of 4 species resulting in some name changes and one new combination; 1 new species from Mt Salak and Mt Gedeh, W. Java.
- *Ditto. III. Two new species from Flores*. *Gard. Bull. Sing.* 31 (1978) 73-76, 2 fig.
- *Studies in the Cunoniaceae. II. The genera Caldcluvia, Pullea, Acsmithia, and Spiraeanthemum*. *Blumea* 25 (1979) 481-505, 2 fig.
Caldcluvia (incl. *Ackama*, *Spiraeopsis*, *Betchea*, *Stollaea*, *Opocunonia*) with 11 species keyed out (10 new comb.); *Pullea* 3 spp.; *Acsmithia* kept apart from *Spiraeanthemum* with 13 spp.; *Spiraeanthemum* 6 spp. Many new combinations.
- HOU, Ding, *Anacardiaceae*. *Ident. Lists Mal. Specim. n.* 57 (1979) 1021-1074.
- HOWCROFT, N.H.S. *Contributions to the Orchid Flora of the Araucaria forests in New Guinea. 1. The Orchadian* 6 (1979) 62-63, 1 fig.
Dendrobium codonosepalum J.J.S.
- HSU, Ping-sheng, *New species and varieties of the genus Viburnum from China*. *Acta Phytotax. Sin.* 17, n. 2 (1979) 78-81, 1 fig.
In Chinese.
- HUYNH, Kim-lang, *l'Appareil mâle de quelques Pandanus du sous-genre Vinsonia (Pandanaeae) et sa signification taxonomique, phylogénique et évolutive*. *Beitr. Biol. Pflanzen* 53 (1977) 447-471, 24 fig.
- *La morphologie microscopique de la feuille et la taxonomie du genre Pandanus. VI. P. subg. Vinsonia et P. subg. Martellidendron. 2. Considérations sur P. subg. Vinsonia*. *Bot. Jahrb.* 100 (1979) 473-517.
Contains also a key to the sections and subsections of subg. *Vinsonia*.
- ISMAYADI, S. *Ubi kayu sebagai sumber makanan pokok di samping beras*. *Bul. Kebun Raya* 3 (1978) 173-175, 2 tab.
In Indonesian; abstract. Notes on *Manihot esculenta*.

- JACOBS, M. *Forests for people ... once?* Tiger Paper 5 (4) (Oct. 1978) 25-29.
Long-term aspects of deforestation in Indonesia, arguments beyond it.
- *A plea for S.E. Asia's forests.* Habitat/Australia 7 (4) (Aug. 1979) 8-12, 31.
A slightly edited version of a paper to the World Forestry Congress, summarized on page 3219.
- JACOBSEN, N. *Cryptocoryne gasseri* N. Jacobsen, sp. nov. (Arac.). Bot. Notis. 132 (1979) 144, 1 fig.
Description from a shipment of waterplants which came from Sumatra, including also some other endemic species from that island.
- JALAN, S. *Morphogenesis of the stomata in Holboellia latifolia* Wall. with remarks on the taxonomy of the aforementioned genus. Geophytology 7 (1977) 61-64, 4 fig., 2 tab.
Anatomy suggests affinity to Lardizabalaceae (in which Shaw has it), not Berberidaceae.
- JANSEN, M. E. *A revision of the genus Kajewskiella* (Rubiaceae). Blumea 25 (1979) 283-294, 3 fig.
Revision; key to 2 species (1 new); observations on zygomorphic flowers in Rubiaceae.
- JARMAN, S. J. & R. K. CROWDEN, *New species in the family Epacridaceae.* Pap. & Proc. R. Soc. Tasmania 112 (1978) 1-3.
2 new species, 1 new combination.
- JEFFREY, C. *A new combination in Thladiantha* (Cucurbitaceae) for a Chinese medicinal plant. Kew Bull. 33 (1979) 393-394.
- JESSOP, J. P. *Liliaceae—I.* Fl. Males. I, 9, pt 1 (Dec. 1979) 189-235, 21 fig.
The 22 genera treated belong to Liliaceae sens. strict. In a table all genera of Liliaceae sens. lat. occurring in Malesia are united with their status in the Krause and Hutchinson's systems respectively. They are also incorporated in the key to the genera, in which only the genera of Liliaceae sens. strict. are numbered and fully treated in the text. Cultivated taxa are omitted; there is only one naturalized species.
- JOHNS, R. J. *A new approach to the construction of field keys for the identification of tropical trees.* Austr. J. Ecol. 3 (1978) 403-409, 4 fig.
Four homograms enabling the field worker to identify 168 genera of rain-forest trees in Papua New Guinea. Based on leaf-characters, sap colour, etc.
- JONSELL, B. *Rorippa backeri* (Cruciferae), a new combination. Bot. Notis. 132 (1979) 536.
Based on *Nasturtium backeri* O. E. Schulz from the East Java mountains.

- JONSSON, L. *The African member of Taeniophyllum (Orchidaceae)*. Bot. Notis. 132 (1979) 511-519, 7 fig., 1 tab.
4 localities (Ghana, Zaire, Rhodesia) of the single species of this Indo-Malesian genus (*T. coxii*) in Africa. Range map of the genus.
- KABAY, E.D. & A.A. BURBIDGE (ed.), *A biological survey of the Drysdale River National Park, North Kimberley, Western Australia in August, 1975*. Wildl. Res. Bull. West. Aust. n. 6 (1977) 1-133, illus.
Environment; descr. of sites and their vegetation; plant list (by A.S. George & K.E. Kenneally, p. 32-78); zoology.
- KALKMAN, C. *De Nederlandse bijdrage tot de plantensystematiek*. Vakbl. Biol. 59 (1979) 152-154, 1 fig.
The Netherlands contribution to plant taxonomy. Lecture (in Dutch) during mini-symposium at the sesquicentennial of the Rijksherbarium at Leiden.
- *The Rijksherbarium, in past and present*. Blumea 25 (1979) 13-26.
Brief history and present status.
- *Appendix 1. Scientific personnel. 2. Publications*. Blumea 25 (1979) 129-137.
Briefly commented list of all personnel of the Rijksherbarium since 1829, alphabetically arranged. Books and papers published; serials; dissertations, and publications on the institute.
- & W. VINK, *Report on a visit to Centres of Systematic Botany in S.E. Asia, September-October 1978*. Rijksherbarium Leiden (May 1979) 18 pp. mimeographed.
- KAMEMOTO, H. *Ployploidy and breeding of Dendrobium and Vandaceous orchids*. In: *Orchids (Publ. Commem. Gold. Anniv. Orch. Soc. SE. Asia)* (1979) 26-29, 4 phot., 2 tab.
- KEIG, G., P.M. FLEMING & J.R. McALPINE, *Evaporation in Papua New Guinea*. J. Trop. Geogr. 48 (1979) 19-30, 6 fig., 5 tab.
Figures from various climatical stations.
- KENG, Hsuan, *Labiatae*. Ident. Lists Males. Specim. 58 (1979) 1075-1094.
- *A monograph of the genus Phyllocladus (Coniferae)* (recd. 1980) —
Reviewed on page 3447.
- KENNEALLY, K.F. & K.C. PIRKOPF, *A disjunct occurrence of Pilostyles on two new host genera (Raffl.)*. West. Austr. Natur. 14 (1979) 135-136, 1 fig.
Southwest Australia.
- KERN, J.H. *Cyperaceae-I*. Fl. Males. I, 7, pt 3 (1974) 435-753, 117 fig.
Key to 27 genera, all of the Cyperoideae, including one of the Caricoideae (*Kobresia*); *Carex* and *Uncinia* postponed to a later volume. Together 326 species are keyed out; *Fimbristylis* with 81 and *Cyperus* with 76 species being the largest genera.

- & H.P. NOOTEBOOM, *Cyperaceae—II*. Fl. Males. I, 9, pt 1 (Dec. 1979) 107-187, fig. 118-137.
This second and final part of the revision of Cyperaceae is composed by Dr. Nootboom. It contains the treatment of *Carex* (66 sp.), *Uncinia* (2 sp.) and the newly found genus *Exocarya* (1 sp.) in New Guinea which was formerly only known from Australia. For *Carex* a key is given to the sections and one to the species. Of almost all species a utricle and nut are drawn.
- KHAN, R. *Solanum melongena and its ancestral forms*. In: J.G. Hawkes c.s. (ed.), *The biology and taxonomy of the Solanaceae*. Linn. Soc. Symp. Series n. 7 (1979) 629-636.
Direct ancestor unknown; through hybridization experiments it appeared that there is ancestral relationship with no less than 10 species. Origin probably in India-Burma region.
- KIEW, Ruth, *The genus Balanophora in Peninsular Malaysia*. Malay. Nat. J. 30 (1978) 539-549, 5 fig.
Key to 5 species.
- *Florae Malesianae Praecursores. LX. The Oleaceae of Malesia. II. The genus Olea*. Blumea 25 (1979) 305-313.
Key to 6 species; one new combination based on an opposite-leaved 'Ilex' which was a wrong identification.
- *New species and records of Iguanura (Palmae) from Sarawak and Thailand*. Kew Bull. 34 (1979) 143-145.
2 new species from Borneo and 2 records for Thailand.
- *The genus Chionanthus L. (Oleaceae) in Malesia. I. The Malayan species*. Malays. For. 42 (1979) 259-279, 5 fig.
Linociera merged with *Chionanthus*; generic distinction from *Olea* only feeble; key to 19 species (7 new comb.), some reductions.
- & B.C. STONE, *Ilex micrococca Maxim. and I. polyneura (Hand.-Mzt) Hu (Aquifoliaceae): new records for Malaya and Thailand*. Mal. Nat. J. 32 (1978) 149-156, 3 fig.
Descriptions; 4 species mapped.
- * KINABALU, SUMMIT OF BORNEO (1978) — Reviewed on page 3448.
- KIRKBRIDE, M.C.G. *Review of the neotropical Isertieae (Rubiaceae)*. Brittonia 31 (1979) 313-332, 33 fig.
Tribe includes *Mussaenda*; key to genera.
- KITAMURA, S. *Dendranthema et Nipponanthemum (Compositae)*. Acta Phytotax. Geobot. 29 (1978) 165-170.
Splits of *Chrysanthemum*; several new combinations.
- * ----- & G. MURATA, *Coloured illustrations of woody plants of Japan. Vol. 2*. (1979) 545 pp., 438 fig., 144 col. pl.
In Japanese.
- * KLEINSCHMIDT, H.E. & R.W. JOHNSON, *Weeds of Queensland* (prob. 1979) —
Reviewed on page 3450.

- KOBAYASHI, S. *A list of the vascular plants occurring in the Ogasawara (Bonin) Islands*. Ogasawara Research n. 1 (1978). Issued by Tokyo Metropol. Univ., 1-1-1 Yagumo, Megoroku, Tokyo.
- * KOCHUMMEN, K.M. *Pocket check list of timber trees*. 3rd Ed. (1979) —
Reviewed on page 3451.
- KOSTER, J.Th. *The Compositae of New Guinea VI*. Blumea 25 (1979) 249-282,
1 fig.
Additions to former papers; treatment of Heliantheae; key to genera;
no novelties.
- KOSTERMANS, A.J.G.H. *Potoxylon, a new Bornean genus of Lauraceae*. Mal.Nat.
J. 32 (1978) 143-147, 1 fig.
Eusideroxylon melangangai Sym. raised to generic rank.
- *Pakaraimaea dipterocarpacea* Maguire & Ashton belongs to *Tiliaceae*
and not to *Dipterocarpaceae*. Taxon 27 (1978) 357-359.
This new monotypic South American genus is supposed to belong to
Tiliaceae, possibly even congeneric with *Schoutenia*.
- KOYAMA, H. *Notes on some species of Chinese Cacalia*. 2. Acta Phytotax.
Geobot. 29 (1978) 171-178, fig. 10-12.
Compositae: critical notes on 6 species; new infraspecific taxa.
- *Ditto*. 3. Acta Phytotax. Geobot. 30 (1979) 65-84, fig. 13-19.
Notes on two dozen species; 1 new combination in *Sinocacalia*.
- KOYAMA, T. *Studies in the Cyperaceae of Thailand. II. Miscellaneous taxa*
of *Fimbristylideae*, *Rhynchosporae*, *Scirpeae* and *Sclerieae*. Brit-
tonia 31 (1979) 284-293, 4 fig.
Records and new combinations or new species in *Bolboschoenus*,
Eleocharis, *Fimbristylis*, *Rhynchospora*, *Schoenus*, *Schoenoplectus*,
Diplacrum.
- *Ditto*. III. *New and critical species of the Cariceae*. Bot. Mag. Tokyo
92 (1979) 217-233, 4 fig.
11 species discussed (2 new species).
- KRISHNA, B. & S.N.DAS, *Five unreported orchids from northern districts of*
W. Bengal. Bull. Bot. Surv. India 18 (1976; publ. 1979) 224-225.
- KRUKOFF, B.A. *Notes on the species of Erythrina*. XIII. Phytologia 41
(1979) 256-300.
New records or identifications of 169 collections; identification
list.
- *Notes on the species of Erythrina*. XIV. Phytologia 44 (1979) 19-32.
Records of collections arranged by species.
- KUNDU, B.C. & Suhita GUHA, *Notes on Stephania dolichopoda* Diels. Bull. Bot.
Surv. India 18 (1976; publ. 1979) 220-222, 1 fig.
A Yunnan species.
- KUO, Chen-meng, *Three newly recorded naturalized plants of Taiwan - Mol-
lugo verticillata, Festuca elatior and Bromus rigidus*. Taiwania 24
(1979) 22-26, 3 fig.

- *KURATA, S. *Nepenthes of Mount Kinabalu*. Sabah National Parks Publ. n. 2 (1976) 1-80, 27 pl. (many in col.), 7 fig.
Beautiful photographs and an intelligent introduction; with key to 16 species.
- LACK, H.W. *New species of Picris (Asteraceae, Lactuceae) from Australia*. Phytologia 42 (1979) 209-214, 2 fig.
2 new species from Queensland, formerly identified as *P. hieracioides* from the northern hemisphere.
- LACKEY, J.A. *Sketches of flower dissections in Phaseoleae (Fabaceae, Faboideae)*. Iselya 1 (1) (1979) 19-53, 128 fig.
Drawings of 128 flower dissections.
- LAI, Ming-jou, *Critical studies on some Begonia from Taiwan*. Taiwania 24 (1979) 35-37, 1 pl.
Two reductions.
- LAMB, A. *The wild orchids of Sabah. 2. The highlands*. Nature Malaysiana 4 (1979) 25-32, many col.phot.
Habitats of many species.
- & C.L.CHAN, *The Orchids. Chapter 9*. In: Luping, Chin Wen & Dingley (ed.), *Kinabalu, summit of Borneo*. Sabah Soc.Monogr. (1978) 211-252, col.pl. xxv-xxviii.
- LARSEN, K. & S.S.LARSEN, *Bauhinia dewitii, a new Bornean species*. Gard. Bull.Sing. 31 (1978) 1-3, 1 fig.
Of sect. *Bracteolanthus* De Wit.
- & ----- *Nomenclatural notes on some Old World Bauhinia*. Taxon 28 (1979) 591-592.
Nomenclatural notes on 3 species, among them *Bauhinia endertii* nom. nov. from Borneo, based on *Phanera argentea* De Wit.
- LASSEIGNE, A. *Studies in Cassia (Legum.-Caes.). II. External seed morphology*. Iselya 1 (1979) 63-80, 110 fig., 1 tab.
Figures of 110 species, among them Malesian ones.
- LAUBENFELS, D.J.de, *The taxonomy of Philippine Coniferae and Taxaceae*. Kalikasan 7 (1978) 117-152.
Key and descriptions of 23 conifers; 3 new species in *Podocarpus*; new combination in *Taxus*.
- *The species of Agathis (Araucariaceae) of Borneo*. Blumea 25 (1979) 531-541, 5 fig.
Key to 5 species (3 new).
- LAW, Yuh-wu & Young-fen WU, *Three new species of Sabiaceae from China*. Acta Phytotax.Sin. 17, n. 1 (1979) 42-44, 3 fig.
2 species of *Sabia*; 1 of *Meliosma*.
- LEE, A.T. *Some species of Crotalaria in Australia*. Telopea 1 (1978) 319-356, 3 fig., 3 maps, 2 tab.
Discussions of some critical species; list of naturalized species.

- LEE Chew Kang, *The changeable rose Hibiscus*. Nature Malaysiana 4, n. 3 (1979) 22-23, 7 col.phot.
H. mutabilis; details.
- LEE, Shu-kang, Fa-nan WEI, Yue-tsung WEI & Hsi-wen LI, *Materiae ad Floram Lauracearum Sinicarum (III)*. Acta Phytotax.Sin. 17, n. 2 (1979) 45-74, 2 fig.
In Chinese. Observations, new combinations and new species in several genera.
- LEKAGUL, B. & J.A.McNEELY, *Mammals of Thailand* (1977) — Reviewed on page 3451.
- LESTER, R.N. *The identity of Solanum viarum Dunal (= S. khasianum C.B. Clarke var. chatterjeeanum Sengupta)*. Solanaceae Newsl. n. 5 (Dec. 1978) 5-6.
- LI, Hsi-wen, *The geographical distribution of Chinese Lauraceae plants*. Acta Phytotax.Sin. 17, n. 3 (1979) 24-40, 5 tab.
In Chinese, with English abstract. Majority of the genera pantropical (17); close affinity with Indo-Malesia; Yunnan is the richest province for Lauraceae.
- LI, Pei-chun, *New taxa of Betulaceae from China*. Acta Phytotax.Sin. 17, n. 1 (1979) 87-91.
New taxa in Ostrya and Betula.
- & Chi-cheng NI, *New taxa of the genus Astragalus L. from Tibet*. Acta Phytotax.Sin. 17, n. 2 (1979) 104-112, 12 fig.
In Chinese.
- LI, Ping-t'ao, *Two new species of Loganiaceae from China*. Acta Phytotax.Sin. 17, n. 3 (1979) 115-117, 2 fig.
1 Gardneria, 1 Mitreola.
- LI, Ya-ru, *Materiae ad Floram Hernandiacearum Sinicarum*. Acta Phytotax.Sin. 17, n. 2 (1979) 75-77, 2 fig.
In Chinese. Observations and new species in Illigera.
- LIAN, Yung-shan, *Some new taxa of Campanulaceae from Tibet*. Acta Phytotax.Sin. 17, n. 3 (1979) 122-123, 2 fig.
In Cyananthus and Pratia.
- LIM, I. *The 'haunted' pineapples*. Nature Malaysiana 4 (1979) 12-15, 5 col.phot.
Cult. in Johore; bacterial disease.
- LING, Chūan, *New species of genus Poa Linn. from Tibet*. Acta Phytotax.Sin. 17, n. 1 (1979) 101-104, 3 fig.
8 species treated (4 new).
- LIPSHITS, S.Yu, *Understanding the genus Saussurea DC. (3)*. Nov.Syst.Plant. Vasc. 8 (1971) 266-271.
Precursor to revision; notes on various species; one new name for a Korean species and one for a Chinese species; 2 new varieties.

- LISOWSKI, S., F. MALAISSE, J. J. SYMOENS & J. van de VELDEN, *Potamogetonaceae*. Flore d'Afrique Centrale (Zaire-Rwanda-Burundi) (Dec. 1978) 12 pp., 2 pl.
Key to 5 species (2 also in Malesia).
- LIU, Ki-mon & Kin-tsuan TIAN, *A comment on the botanical origin of the Chinese drug "Pan Ta Hai"*. Acta Phytotax. Sin. 17, n. 1 (1979) 98-100, 3 fig.
In Chinese. A species of Sterculia; 2 species discussed.
- LIU, Ming-ting, *A new species of Tamarix from Xinjiang*. Acta Phytotax. Sin. 17, n. 3 (1979) 120-121, 1 fig.
- LIU, Tang-shui & Jih-ching LIAO, *Miscellaneous notes on the native and introduced woody plants of Taiwan (I)*. Quart. J. Taiw. Mus. 31 (1978) 291-295, 1 fig.
Notes on some Oleaceae (Osmanthus, Ligustrum).
- * LLERAS, E. *Trigoniaceae*. Flora Neotropica Monogr. n. 19 (1978) 1-73, 15 fig., 1 tab.
Incl. also the Malesian genus Trigoniastrum.
- LO, Hsien-shui, *A revision of the genus Damnacanthus Gaertn. f. from China*. Acta Phytotax. Sin. 17, n. 3 (1979) 104-109, 1 fig.
In Chinese. Key to 7 species (several new).
- & Te-chao CHEN, *Notes on Chinese Sapindaceae*. Acta Phytotax. Sin. 17, n. 2 (1979) 30-39, 3 fig.
In Chinese. Observations, new combinations and new species in 8 genera.
- LOURTEIG, A. *Oxalidaceae extra-Austroamericanae. II. Oxalis L. sectio Corniculatae DC.* Phytologia 42 (1979) 57-198, 13 fig.
Key to 19 species, their subspecies and varieties (key and descr. in Spanish language); instead of the one sp. Oxalis corniculata (Fl. Males. I, 7) there are here from Malaysia, besides this species, the following taxa recorded: O. radicans Rich., O. corniculata var. atropurpurea Planch., ditto var. villosa (Marsch. Bieb.) Hohen., O. novae-guineensis Lourt. nom. nov. (based on O. corniculata var. papuana Knuth) from New Guinea and New South Wales, O. chnoodes Lourt. n. sp. from New Guinea, Lombok and New South Wales. while for Australia is revived O. exilis Cunn. (also in New Zealand, Norfolk I. and New Caledonia, introduced in Ryukyus).
- LOWRY, J. B. *Safrole - two sources from Malaysian forests*. Malays. For. 40 (1977) 177-183, 2 fig., 1 tab.
In Cinnamomum porrectum in Malaya and Litsea odorifera in Sabah.
- LU, An-min & Zhi-yun ZHANG, *New species of Juncaceae from Tibet*. Acta Phytotax. Sin. 17, n. 3 (1979) 125-127, 2 fig.
Of Juncus.
- LUBEIGT, G. *Le palmier à sucre, Borassus flabellifer L., ses différents produits et la technologie associée en Birmanie*. JATBA, J. Agric. Trad. et Bot. Appl. 24 (1977) 311-340, 6 fig., 1 map (distr. Burma).

- LUBIS, A.U. *Introduksi dan koleksi plasma nutfah kelapa sawit (Elaeis guineensis Jacq.) di Indonesia*. Bul.Kebun Raya 3 (1978) 195-198, 1 tab. In Indonesian; with English summary. Introduction of 3 oil palm spp.
- *LUPING, D.M., CHIN WEN & E.R.DINGLEY (ed.), *Kinabalu, summit of Borneo* (1978) — Reviewed on page 3448 sub Kinabalu.
- MA, Yu-chuan & Yi-zhi ZHAO, *Yinshania, a new genus of Chinese Cruciferae*. Acta Phytotax.Sin. 17, n. 3 (1979) 113-114, 1 fig.
- MAAS, P.J.M. *Notes on Asiatic and Australian Costoideae (Zingiberaceae)*. Blumea 25 (1979) 543-549, 1 fig.
Key to 10 species of which 6 are cultivated and 4 native Indo-Malesian species.
- MABBERLEY, D.J. *The species of Chisocheton (Meliaceae)*. Bull.Brit.Mus. (Nat.Hist.) Bot.ser. 6 (1979) 301-386, 10 fig., 3 pl.
Excellent monograph on this largely Malesian genus; 47 species recognized, some new; full descriptions, synonymy; identification list.
- *The Latin name of the 'Ilapongu' tree (Dipt.)*. Taxon 28 (1979) 587.
Hopea ponga (Dennst.) Mabberley, comb.nov. (syn. H. wightiana), based on Artocarpus ponga, a monstrosity.
- *Pachycaul plants and islands*. In: D.Bramwell (ed.), *Plants and islands* (1979) 259-277. Acad. Press, London.
General discussion in which the concepts pachycauly and island are so widely extended that they lose a distinct meaning. A debatable conclusion is that taxa with large numbers of primitive features have a more restricted range than their allies with fewer such characteristics.—v.St.
- *MacANDREWS, C. & L.S.CHIA, *Developing economics and the environment / The Southeast Asian Experience*. McGraw-Hill, 348 Jl. Boon Lay, Singapore 22 (1979) viii + 299 pp. Hardcover, Mal\$ 12.35.
A motley collection of 9 papers covering Thailand, Malaysia, Indonesia and the Philippines, three of which have here been reviewed, viz. by Shane (under Conservation), Furtado and Hanson & Koesoebiono (in Bibliography). These alone are worth the money to any conservationist for the region. Execution is good.—M.J.
- MACMILLAN, B.H. *Shore line flora and vegetation of Lake Pukaki, South Canterbury, New Zealand*. New Zeal.J.Bot. 17 (1979) 23-42, 14 phot.
Vegetation types and name list.
- MACONOCHIE, J.R. *The herbaria of the Northern Territory, Alice Springs, N.T.* SSBS Newsl. 18 (1979) 15-16.
Staff 3 botanists, 3 technicians; c. 58,000 sheets. The herbarium of Darwin will be sketched later.
- MADISON, M. *Aroid profile No. 4: Xenophya lauterbachiana*. Aroideana 2 (1979) 62-63, 1 phot.
Description and notes on this Papuan endemic; allied to Alocasia.

- MAHABALE, T.S. *The origin of Coconut*. The Palaeobotanist 25 (1976; issued 1978) 238-246, 2 pl., 3 maps.
Speculations on original home of *Cocos nucifera* in connection with fossils. Probably Indo-West Malesian.
- MAHESHWARI, J.K. & V.SINGH, *Supplement to the synoptic flora of Kota Division (S.E. Rajasthan)*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 155-160.
67 species records added.
- MAITI, G. & M.L.BANERJI, *Nectary of the Himalayan species of Swertia Linn. (Gentianaceae)*. Bull.Bot.Soc.Beng. 30 (1978) 11-18, 31 fig.
Key to species based on gland structure.
- MAJUMDAR, N.C. *Dilleniaceae*. Fasc.Fl.Ind. 2 (1979) 1-15, 1 phot., 2 fig.
----- & D.N.GUHA BAKSHI, *A few Linnaean specific names typified by the illustrations in Rheede's Hortus Indicus Malabaricus*. Taxon 28 (1979) 353-354.
11 names briefly discussed.
- MAJUMDER, R.B. *Synoptic flora of the Kota Division (S.E.Rajasthan)*. Part II. Bull.Bot.Surv.India 18 (1976; publ. 1979) 49-79.
Several families of Sympetalae, Apetalae and Monocots.
- * MANI, M.S. *Ecology and phytogeography of high altitude plants of the Northwest Himalaya. Introduction to high altitude botany*. Chapman & Hall Ltd. London (1978) xii + 205 pp., 49 fig., 24 pl., 4 tab.
Subdivisions of Himalayas; ecology and vegetation, timberline and snowline; brief descriptions of some typical high altitude species.
Unfortunately the photographs are badly reproduced.—v.St.
- MANOKARAN, N. *Survival and growth of the economically important rattan, Calamus manan, in Ulu Langat*. Malays.For. 40 (1977) 192-196, 1 fig., 2 tab.
----- *Germination of fresh weeds of Malaysian rattans*. Malays.For. 41 (1978) 319-324, 1 tab.
30 species tested, of 6 genera.
----- *A note on the number of fruits produced by four species of rattans*. Malays.For. 42 (1979) 46-49, 1 tab.
----- *Germination of Malaysian palms*. Malays.For. 42 (1979) 50-52, 1 tab.
Difference when pericarp is removed.
----- *Age of the Bertam palm, Eugeissona tristis Griff., at the tenth leaf stage*. Malays.For. 42 (1979) 125-129, 1 fig., 2 tab.
After 3½ years c. 4½ ft long, reaching the tenth leaf stage; clump formation had yet to begin.
- MARKGRAF, F. *Florae Malesianae Praecursores LIX. Apocynaceae. V. Ochrosia, Neisosperma*. Blumea 25 (1979) 233-247, 1 fig.
Complete revision; keys; discrimination of the two allied genera; several new species and reductions.

- *MARTIN, P.J. *The altitudinal zonation of forests along the west ridge of Gunong Mulu* (1977) — Reviewed on page 3452.
- MATTES, P. *Auf Paphiopedilen-Suche in Nord-Sumatra*. Die Orchidee 30 (1979) 229-236, 8 phot.
In Toba-Batak Lands; also records of other orchids.
- MATTHEW, K.M. *A new combination in Gongronema (Asclepiadaceae) from India*. Kew Bull. 34 (1979) 68.
Based on a *Gymnema*.
- *New combinations in Malaxis (Orchidaceae) from India*. Kew Bull. 34 (1979) 76.
Transfers from *Microstylis*.
- MEHER-HOMJI, V.M. *Distribution of the Dipterocarpaceae: some phytogeographic considerations on India*. Phytocoenologia 6 (1979) 85-93, 3 maps.
Author concludes that Borneo is the cradle of the family, with subsequent westward migration entry in India in Middle Eocene. Later the drier climate (by uplift of Ghats and Himalayas) caused much extinction in the Late Tertiary.
- MEIKLE, R.D. *Supplementary notes on Commicarpus (Nyctaginaceae)*. Kew Bull. 34 (1979) 341-343, 1 fig.
New species from Queensland.
- *Some notes on Laurentia Adanson (Campanulaceae)*. Kew Bull. 34 (1979) 373-375.
Laurentia must be rejected as superfluous because by citing *Lobelia L.* Adanson made it a synonym under the latter; he used *Lobelia* in the sense of Plumier which is *Scaevola*. Disinclined to propose conservation because *Laurentia* is uncomfortably similar to *Laurencia Lamour. (Algae)*. *Solenopsis Presl, 1836*, is now adopted for Wimmer's section I.
- *Adenanthera bicolor Moon and the operation of Article 32*. Taxon 28 (1979) 600-601.
Moon's original mention was based on two discordant elements by adding a Rumphian record, causing confusion.
- *MEISTER, G. *Der orientalisches-indianische Kunst- und Lust-Gaertner*. (1692). Herausgegeben von F. Berger & W. Bonsack (1977) 226 pp. + 1 map.
Kiepenheuer, Weimar, B.R.D. Cloth.
Book on author's journey to Java and Japan, in new print, with an epilogue (p. 185-201) and notes. De Wit (Fl. Males. I, 4: xci) does not rate him very high. But what a fine edition!—M.J.
- MERCADO, B.L. *A monograph on Cyperus rotundus L.* BIOTROP Bull. n. 15 (1979) 1-63, 31 tab., 8 fig.
A very extensive monograph of the weed species.
- *MEYENFELDT, C.F.W.M. von, e.a., *Restoration of devastated inland forests in South Vietnam* (1978) — Reviewed on page 3455.

- *MILES, J.M. & A.A. BURBIDGE (ed.), *A biological survey of the Prince Regent River Reserve, North-West Kimberley, Western Australia in August, 1974*. Wildl. Res. Bull. West. Austr. n. 3 (1975) 1-116, illus. History; vegetation sketches; plant list (by A.S. George & K.F. Kenneally, p. 31-68); zoological records; surface c. 46,000 ha.
- *MILLAR, A. *Orchids of Papua New Guinea. An introduction*. Austr. Nat. Univ. Press Canberra (1978) x + 101 pp., many col. phot. by R. & M. Mackay. A marvellous book, full of observations and field notes and excellent colour photographs of some 200 different species of orchids of Papua New Guinea, a part of Malesia richest of all in this group of fascinating plants.
- *The Dendrobiums of Papua New Guinea*. In: *Orchids (Publ. Commem. Gold. Anniv. Orch. Soc. SE. Asia)* (1979) 30-35, 4 phot.
- MO, Sin-li & Se-zei HUANG, *Two new varieties of Camellia chrysantha from Kwangsi*. Acta Phytotax. Sin. 17, n. 2 (1979) 88-92, 2 fig. In Chinese.
- MOGEA, J.P. *Germination and seedling form of Salacca edulis*. Malay. Nat. J. 30 (1978) 533-537, 2 fig.
- MOLDENKE, H.N. *Notes on new and noteworthy plants. CXX*. Phytologia 41 (1979) 346.
3 new varieties from Lippia and Premna from Ceylon (Verben.).
- *Ditto. CXXIV*. Phytologia 43 (1979) 222.
New name in Callicarpa to transfer to it Premna cauliflora Stapf;
2 new varieties of Bornean species of Callicarpa.
- *Some novelties from Sabah*. Phytologia 43 (1979) 252.
4 new varieties in Borneo species of Premna, Vitex and Teysmanniodendron.
- MOORE Jr, H.E. *Endangerment at the specific and generic level in palms*. Principes 23 (1979) 47-64, 7 fig.
Geographically arranged survey of rare palms on the verge of extinction.
- *Natural history notes*. Principes 23 (1979) 95.
Livistona eastonii in W. Australia can reach an age of 280 years, in exceptional cases even 720.
- *Palm Portrait. Burretio kentia hapala*. Principes 23 (1979) 95-96, 1 phot.
Notes on endemic species from New Caledonia.
- & J. DRANSFIELD, *The typification of Linnaean palms*. Taxon 28 (1979) 59-70, 8 fig.
Malesian species in Areca, Borassus, Calamus, Caryota, Cocos, Corypha.
- *MOORE, L.B. & J.B. IRWIN, *The Oxford book of New Zealand plants* (1978) —
Reviewed on page 3456.

- MORSHID, A.H.K. *The development of National Parks in Sarawak*. Malays.For. 40 (1979) 138-143, 1 map, 3 tab.
- MUKHERJEE, P.K. & R.N. BANERJEE, *New distributional record of Pternopetalum tanakae (Franch. & Sav.) Hand.-Mazt. from Bhutan*. Bull.Bot.Surv. India 18 (1976; publ. 1979) 227-228.
Umbelliferae; key to 4 species.
- MURTI, Sri Krishna, *Contribution to the flora of Madhya Pradesh. New records of species*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 210-212.
5 records.
- *Fimbristylis narayani C.E.C.Fischer. A new record from North West Himalaya*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 247.
- NAGENDRAN, C.R. & G.D. AREKAL, *A new species of Polypleurum (Podostemaceae) from India*. Bot.Notis. 132 (1979) 49-50, 1 fig.
- NAIR, N.G. *Erycibe griffithii (Convolv.)*. A new record for India. Bull. Bot.Surv.India 18 (1976; publ. 1979) 232-233, 1 fig.
In Andamans and Nicobars.
- NASIR, E. *Colchicaceae*. Fl.West Pakistan n. 125 (Jan. 1979) 3 pp., 1 fig.
Key to 3 species.
- NASIR, Y.J. *Aquifoliaceae*. Fl.West Pakistan n. 124 (Oct. 1978) 4 pp., 1 fig.
2 species of Ilex.
- NAYAR, M.P. & G.S. GIRI, *Revision of the genus Antistrophe A.DC. (Myrsinaceae)*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 80-84, 1 fig.
5 species keyed out; 3 species from Malaya (1 new combination).
- NELSON, E.Ch. *Studies in Adenanthos Labill. (Proteaceae)*. IV. *The typification of A. sericea Labill. and the nomenclature of its subspecies*. Glasra 3 (1979) 9-19, 2 fig., 1 pl. (also 1 map).
- NG, F.S.P. *Notes on the systematy of Malayan Phanerogams XXVI. Ebenaceae*. Malays.For. 40 (1977) 210-248, 9 fig.
Census of 66 recognized species (3 introduced); 5 new species and 2 new varieties described; several names reduced to synonymy. No descriptions but specimens cited under each name. Author says "Several of Bakhuizen's species do not belong to Ebenaceae"; he fails, however, to list these excluded species. Did he mean 'specimens'?
—v.St.
- *The origin of Diospyros lotus and other notes on the genus Diospyros (Ebenaceae)*. Malays.For. 42 (1979) 165-170, 1 map.
3 reductions; details on variation in *D. lotus* which has 3 populations widely separated: Turkey, Central Asia and China. One new variety from the Philippines.
- *Neram and Jelutong*. Nature Malaysiana 4, n. 2 (1979) 24-29, 9 phot.
Particulars about neram (*Dipterocarpus oblongifolius*) and jelutong (*Dyera costulata*) in Malaysia, their uses and ecology.

- *Teak*. Nature Malaysiana 4, n. 3 (1979) 36-41, 6 col.phot.
Details on teak cultivation in Perlis, North Malaya.
- & Sabariah Bte.AHMAD, *Vegetative propagation of Araucaria hunsteinii* Malays.For. 42 (1979) 71-72, 1 fig.
- & MAT ASRI bin Ngah Sanah, *Germination of fresh seeds of Malaysian trees. IV.* Malays.For. 42 (1979) 221-224, 1 tab.
Data on 107 species.
- NGUYEN KHAC KHOI, *The genus Thoracostachyum Kurz (Cyperaceae) in Vietnam flora.* Bot.J.USSR 64 (1979) 854-856.
In Russian. Key to 5 species (1 new).
- *New species of the genus Carex L. (Cyperaceae) from Vietnam.* Bot.J. USSR 64 (1979) 856-862, 5 pl.
4 species listed (all new).
- *Conspectus specierum generic Carex L. florae Vietnam.* Nov.Syst. Plant.Vasc. 16 (1979) 61-82.
78 species listed; only few additions to earlier list by Raymond.
- NICKRENT, D.L. & L.J.MUSSELMAN, *Autogamy in the American strain of witchweed, Striga asiatica (Scroph.).* Brittonia 31 (1979) 253-256, 8 fig.
Striga lutea Lour. reduced to *S. asiatica* (L.) O.K.
- NICOLSON, D.H. *Nomenclature of Bombax, Ceiba (Bombacaceae) and Cochlospermum (Cochlospermaceae) and their type species.* Taxon 28 (1979) 367-373.
Proposals for retypification.
- NIELSEN, I. *Notes on the genera Archidendron F.v.Mueller and Pithecellobium Martius in mainland S.E. Asia.* Adansonia sér.2, 19/1 (1979) 3-37, 2 pl., 5 maps, 2 tab.
Generic limits in Ingeae discussed; the concept of Archidendron greatly enlarged by including Clyperaria, Cyliandrokelupha, Paralbizia, and Abarema and Zygia sensu Kostermans. Keys (to fl. and to fr. specimens) to mainland SE. Asian species of Archidendron and Pithecellobium; 31 new combinations in Archidendron; 3 species of Pithecellobium (1 new).
- *Notes on the genus Albizia Durazz. (Leguminosae-Mimosoideae) in mainland S.E. Asia.* Adansonia sér.2, 19/2 (1979) 199-229, 4 pl., 5 maps (dotted distr.).
Key to 22 species. Some new combinations and new species. Serialbizzia Kosterm. reduced. Several species also in Malesia.
- NIYOMDHAM, Chawalit, *A revision of the genus Crotalaria Linn. (Papilionaceae) in Thailand.* Thai For.Bull. 11 (1978) 105-181, 12 fig., 11 maps.
Key to 33 species (2 new), 1 new varietal comb.; identification list.
- NOOTEBOOM, H.P. *A new Hypolytrum (Cyperaceae) from Middle Andaman.* Blumea 25 (1979) 319.

- NORTON, Les, *Verticordia, as I see them*. Austr.Plants 10 (1979) 151-154, 179-187, 5 phot.
Myrtaceae. Propagation and cultivation.
- OHASHI, H. *The taxonomy and distribution of Euchresta japonica (Leguminosae)*. Bot.Mag.Tokyo 91 (1978) 291-294, 2 fig.
1 S. Chinese species reduced.
- OHBA, H. *New or critical species of Asiatic Sedoideae (5)*. J.Jap.Bot. 54 (1979) 61-63.
2 records (1 new combination).
- OLDEMAN, R.A.A. *Quelques aspects quantifiables de l'arborigenèse et de la sylvigenèse*. Oecol.Plant. 14 (1979) 289-312.
As explained in the author's book (see page 3255) architectural analysis of tree structure and forest growth opens the way to quantification; this is here elaborated.—M.J.
- OOI, Chee-seng, *Orchid Portraits. 5. Bulbophyllum gracillimum*. Nature Malaysiana 4, n. 2 (1979) 38-39, 3 col. fig.
- ORCHARD, A.E. *Tasmanian Herbarium*. Ann.Report Tasm.Mus. & Art Gallery 1977/78: 7-11.
Report on the collections and their historical acquisition, in all c. 85,000, of which 35,000 Spermatophytes. Widespread collecting is desirable and contemplated. More staff is needed, also for back-log curating.
- *ORCHIDS. Available from O.S.S.E.A., Box 2363, Singapore (1978) 104 pp., illus. (also in colour). £ 4.50.
Commemorating the golden anniversary of the Orchid Society of SE. Asia. Various articles by members; looks forward to further hybridizing, conservation.
- PAL, D.C. & J.N.SRIVASTAVA, *Preliminary notes on ethnobotany of Singhbhum District, Bihar*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 247-250.
Useful, edible or medicinal species.
- PALMER, J.R. *Gregarious flowering of Dipterocarps in Kepong, 1976*. Malays. For. 42 (1979) 74-76.
- *PANCHO, J.V. & M.SOERJANI, *Aquatic weeds of Southeast Asia (1978)* — Reviewed on page 3457.
- PANGGABEAN, G. *Mengenal nangka dan Kerabatnya*. Bul.Kebun Raya 3 (1978) 149-151.
In Indonesia; abstract in English. Artocarpus heterophyllus and A. integer; uses.
- PANIGRAHI, Smt.S.G. (née Tara Waman Kelkar), *Studies on generic delimitations on the four genera Rotala, Ammannia, Nesaea and Hionanthera (Lythraceae). A historical survey*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 178-193, 2 fig., 1 tab.
Synonymy of 30 species listed; key and description of the genera.

- PAUL, S.R. *The genus Calliandra (Mimosaceae) in the Indian subcontinent.* Feddes Repert. 90 (1979) 155-164, 2 fig., 1 tab.
2 species in SE. Asia; keyed out and described. All other species in tropical America.
- PAIJMANS, K. & B. ROLLET, *The mangroves of Galley Reach, Papua New Guinea.* Forest Ecol. Managem. 1 (1977) 119-140, 8 fig.
Four types of mangrove are mapped from airphotos, and salinity patterns analyzed, in this 140 sq.km area W of Port Moresby.
- PEMADASA, M.A., S. BALASUBRAMANIAM, H.G. WIJEWANSA & L. AMARASINGHE, *The ecology of a saltmarsh in Sri Lanka.* J. Ecol. 67 (1979) 41-63, 10 fig.
Association analysis.
- PETERS, M.D. & D.C. CHRISTOPHEL, *Austrosequoia wintonensis, a new taxodiaceous cone from Queensland, Australia.* Canad. J. Bot. 56 (1978) 3119-3128, 19 fig.
Strong similarity to recent Sequoia, and only a limited one to Athrotaxis. From Upper Cretaceous or younger.
- PETERSON, N. *Aboriginal uses of Australian Solanaceae.* In: J.G. Hawkes c.s. (ed.), *The biology and taxonomy of the Solanaceae.* Linn. Soc. Symp. Series n. 7 (1979) 171-189, 1 fig., 1 pl., 1 tab.
Interesting ethnobotanical data, especially on Solanum fruits.
- PHENGKLAI, C. *Ebenaceae of Thailand.* Thai For. Bull. 11 (1978) 1-103, 60 fig.
60 species recognized; 3 keys, viz. to ♂, ♀ and fruiting specimens; identification list; 2 new varietal combinations.
- PHILCOX, D. *Clarification of the name Bacopa monnieri (L.) Pennell (Scrophulariaceae).* Kew Bull. 33 (1979) 679-680.
Full synonymy.
- * *PHILIPPINE NATIONAL FORMULARY.* 1st Ed. (1978) 133 pp. Nat. Sci. Developm. Board, Bicutan, Tagic, Metro Manila.
List of names of medicinal plants arranged alphabetically by their Filipino name. Of each species cited: scientific names and synonyms, other vernacular names, parts used, indications and directions for use, constituents, references.
- PHILIPSON, W.R. *Araliaceae-I.* Fl. Males. I, 9, pt 1 (Dec. 1979) 1-105, 39 fig.
16 genera with c. 120 species; two new combinations, 1 new variety.
- *Araliaceae.* Ident. Lists of Males. Specim. n. 59 (1979) 1095-1116.
- PHILLIPSON, J.D., S.R. HEMINGWAY & C.E. RIDSDALE, *Alkaloids of Uncaria. Part V. Their occurrence and chemotaxonomy.* Lloydia 41 (1978) 503-570, 16 fig., 5 tab.
- POPHAM, S. *The Satinwood tree (Chloroxylon swietenia).* Bull. Pac. Trop. Bot. Gard. 9 (1979) 50-54, 1 fig.
Rubiaceae. Elegant tree from Ceylon.

- PRAKASH, V. & S.K. JAIN, *Poaceae: Tribe-Garnotieae*. Fasc. Fl. Ind. 3 (1979) 1-16, 13 fig. (Bot. Surv. India, Howrah 711 103). \$ 2.
2 genera, 13 species, from Malesia 2 in Garnotia, with one new var.
- PRANA, M.S. *Temu lawak (Curcuma xanthorrhiza Roxb.)*. Bul. Kebun Raya 3 (1978) 191-194.
In Indonesian; with English summary. Important medicine for various illnesses.
- PRANCE, G.T. *New genera and species of Chrysobalanaceae from Malesia and Oceania*. Brittonia 31 (1979) 79-95, 7 fig. & maps.
Hunga n.g., 8 spp. (3 new, 5 new comb.); key; 5 in New Caledonia, 1 Loyalty Is., 2 New Guinea. Kostermanthus n.g., 2 spp. from Malesia formerly referred to Acioa by Kostermans. Licania n.sp. from Palawan. Important precursor to the monograph of Chrysobalanaceae.
- * PUTZ, F.E. *A survey of virgin jungle reserves in Peninsular Malaysia*. Research Pamphlet n. 73 (1978) 87 pp. folio. Publ. by For. Dept. Peninsular Malaysia, Jl. Swettenham, Kuala Lumpur. M\$ 3.
Important inventory of the situation and state of the several dozens of jungle reserves network which were initiated in 1950.
- *Aseasonality in Malaysian tree phenology*. Malays. For. 42 (1979) 1-24, 6 fig., 2 tab.
Consequences for pollination and dispersal.
- & F.S.P. NG, *Notes on the systematy of Malayan Phanerogams XXVII. Styracaceae*. Malays. For. 40 (1977) 249-250, 1 fig.
New species from Fraser's Hill; not compared with described species and unfortunately its affinity not indicated.—v. St.
- QIU, Shu-hua, Yi-quan ZENG, Kai-yu PAN, Yen-chen TANG & Jie-mei XU, *On the nomenclature of the Chinese plant drug "Chuanxiong"*. Acta Phytotax. Sin. 17, n. 2 (1979) 101-103.
In Chinese. Ligusticum n.sp. (Umbell.).
- * RAI, S.N. *Nursery and planting of some tropical evergreen and semi-evergreen species*. Govt. Karnataka, India (1978) 50 pp., paperback.
22 species treated for silvicultural purposes; of all the root-system is drawn.
- RAO, A.S. & P.K. HAJRA, *Ensete glaucum (Roxb.) Cheesm. in the Khasi Hills, Meghalaya, India*. Bull. Bot. Surv. India 18 (1976; publ. 1979) 207-210, 12 fig.
Full descriptions; Musa agharkarii Chakrav. reduced.
- & D.M. VERMA, *Materials towards a monocot flora of Assam. V*. Bull. Bot. Surv. India 18 (1976; publ. 1979) 1-48, 28 fig.
12 small families; keys; descriptions; amongst them Araceae, Juncus, Eriocaulon.
- RAO, C.K. *Angiosperm genera endemic to the Indian floristic region and its neighbouring areas. II. Additions, deletions and corrections*. Indian For. 105 (1979) 335-341.

- RAO, R.R. & S.K.JAIN, *A synopsis of some recent name changes in plants of the Indian subcontinent*. Indian For. 105 (1979) 565-570.
- & B.A.RAZI, *Contributions from the herbarium, Manasagangothri, Mysore XIII. Contribution towards a grass flora of Mysore District, Karnataka*. Indian For. 105 (1979) 598-608.
Introduction and name list of records.
- RASMADI, E.R. *Kemungkinan pengembangan lebih luas kacang buncis (Phaseolus vulgaris L.) di Indonesia*. Bul.Kebun Raya 3 (1978) 183-189, 1 fig.
In Indonesian; English summary. Important protein resource.
- REEVE, T.M. *The most beautiful orchid in Papua New Guinea, Dendrobium sophronites Schltr.* The Orchadian 6 (1978) 36-39, illus.
- RIDSDALE, C.E. *Jackiopsis, a new name for Jackia Wall. non Bl. (Rubiaceae-Jackieae)*. Blumea 25 (1979) 295-296.
1 new combination.
- *Notes on New Guinea Rubiaceae. Rhadinopus*. Blumea 25 (1979) 297-300, 1 fig.
Revision; key to 2 species (1 new).
- *The taxonomic position of Sulitia (Rubiaceae)*. Blumea 25 (1979) 301-303, 1 fig.
Transferred from Cinchoneae to Gardenieae; 1 new combination.
- RIEDL, H. *New taxa and combinations in Ranunculaceae from Pakistan and Kashmir*. Kew Bull. 34 (1979) 361-366.
Critical notes, some new species and combinations in various genera; all extra-Malesian.
- RINTZ, R.E. *The Peninsular Malaysian species of Hoya (Asclep.)*. Malay.Nat. J. 30 (1978) 467-522, 30 fig., 1 tab., distr. map.
Many detail observations from living specimens; 25 species keyed out (2 new, 1 new var.), each with a diagnostic description and an excellent figure.
- *Three new species of Asclepiadaceae from Peninsular Malaya*. Blumea 25 (1979) 225-231, 3 fig.
1 Ceropogia; 2 Dischidias.
- ROEDJITO, S.W. *Dendrobium schulleri J.J.S. dan potensinya sebagai induk silangan*. Bul.Kebun Raya 3 (1978) 199-202, 1 fig., 1 tab.
In Indonesian; English summary. New Guinea orchid; discussion of others for breeding.
- ROEMANTYO, *Kratok (Phaseolus lunatus L.) potensi yang perlu dikembangkan*. Bul.Kebun Raya 3 (1978) 165-167.
In Indonesian; English summary. Uses of lima bean, Phaseolus lunatus.
- ROJO, J.P. *On the taxonomy of Shorea agsaboensis Stern*. Pterocarpus 3 (1977) 73-79, 3 fig.
Redescription from type locality in N.Mindanao indicating differences from *S. pauciflora*, to which it was formerly reduced.

- ROY, G.P. *The genus Eragrostis P.Beauv. in Rajasthan*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 102-108.
Key to 18 species.
- SAGARIK, Rapee, *Breeding with Rhynchostylis*. In: Orchids (Publ. Commem. Gold. Anniv. Orch. Soc. SE. Asia) (1979) 48-51, 6 phot.
- SAHNI, K.C. & H.B. NAITHANI, *A new species of Albizia from India*. Indian For. 105 (1979) 274-276, 2 fig.
Allied to *A. mollis*.
- SANGAT, H.M. *Beberapa aspek etnobotani dupa*. Bul. Kebun Raya 3 (1978) 157-160.
In Indonesia; English summary. Incenses of various species.
- SASAKI, S., TAN CHIN HOO & ZULFATAH bin Hj. A. RAHMAN, *Some observations on unusual flowering and fruiting of dipterocarps*. Malays. For. 42 (1979) 38-45, 1 fig., 2 tab.
Factors involved.
- SCHULTES, R.E. *De Plantis Toxicariis et Mundo Novo Tropicale Commentationes XXIII. Notes on biodynamic plants of aboriginal use in the northwestern Amazonia*. Bot. Mus. Leafl. Harv. Un. 26 (1978) 177-197.
Medicinal plants; some species occur cultivated also in Malesia.
- SCOTT, A.J. *A revision of Rhodammia (Myrtaceae)*. Kew Bull. 33 (1979) 429-459, 1 fig., 3 maps.
23 species keyed out (8 new). Key to related genera of pimentoid Myrtaceae (13 in all); 15 species recorded from Malesia. Identification list.
- *A revision of Xanthomyrtus (Myrtaceae)*. Kew Bull. 33 (1979) 461-484.
Key to 23 species (7 new) in Malesia, Bismarcks and New Caledonia.
- *New species and combinations in Myrtaceae from Malesia and Australia*. Kew Bull. 33 (1979) 511-515.
New combinations and new species in *Uromyrtus* from Malesia, Australia and New Caledonia, and a new *Myrtus* from West New Guinea.
- *A revision of Anogeissus (Combretaceae)*. Kew Bull. 33 (1979) 555-566, 1 fig.
Key to 8 species of this Old World genus; not in Malesia and Australia.
- *The Austral-Pacific species of Decaspermum (Myrtaceae)*. Kew Bull. 34 (1979) 59-67.
Key to 9 species (1 new from Solomons; 3 new combinations); none of them in Malesia.
- SEIDENFADEN, G. *Orchid genera in Thailand VII. Oberonia Lindl. & Malaxis Sol. ex Sw.* Dansk Bot. Ark. 33, n. 1 (1978) 1-94, 59 fig.
Key and annotated list of species in *Oberonia* (33) and *Malaxis* (6 sections, 5 new; 25 species); also some critical notes and new combinations for Malesian species.

- *Basaala Poulou Maravara and its allies. Notes on some Malaxis species.* Bot.Tidsskr. 73 (1978) 86-105, 14 fig.
Evaluation of a species of Rheede; critical notes; 2 new sections, 1 new combination.
- SEMENIUK, V., K.F.KENNEALLY & P.G.WILSON, *Mangroves of Western Australia.* Handb. n. 12 W.Austr.Natur.Club Perth (1978) 89 pp. — Non vidi.
- SHAH, G.L., R.G.BHAT, M.H.PARABIA & D.VAZIFDAR, *Nomenclatural notes on some Bombay plants.* V. J.Bomb.Nat.Hist.Soc. 74 (1978) 565-568.
Amongst others several names of Vigna in which 1 new combination.
Also in Merremia 1 new combination (Operculina reduced).
- SHARMA, Chhaya & Hari Pal GUPTA, *Pollen morphology and interspecific delimitations of Indian species of the genus Styrax L.* Geophytology 8 (1978) 43-48, 1 pl., 1 tab.
5 species treated. Ignorant that one of them has been referred to Bruinsmia (sic).—v.St.
- SHARMA, M. & O.P.SHARMA, *Further contribution to the Flora of Ludhlana District (Punjab).* Bull.Bot.Soc.Beng. 30 (1978) 19-36.
392 species of Dicots listed.
- SHAW, H.K.Airy, *New or noteworthy species of Antidesma (Stilaginaceae).* V. Kew Bull. 33 (1979) 423-427.
(Euph.) 4 new species from Papua New Guinea.
- *The genus Plagiopteron (Plagiopteraceae) recorded for Thailand.* Kew Bull. 33 (1979) 428.
Tiliaceae.
- *Notes on Malesian and other Asiatic Euphorbiaceae. CCXXII-CCXXVIII.* Kew Bull. 33 (1979) 529-538.
New or redescribed species of Baccaurea, Sauropus, Austrobuxus, Claoxylon, Trigonostemon, Homalanthus, Excoecaria, from the Solomons, Papua.
- *----- *The Euphorbiaceae of New Guinea.* Kew Bull. Add.Ser. VIII (1980) 243 pp., 8 pl.
A most important census of this large family (c. 500 spp.) with keys of identification to the 48 genera and to the species. Each species is provided with a complete bibliography, distribution and ecology, while critical notes are attached, and notes on their affinity; 26 spp. are illustrated. There are quite some novel records and also reductions. All names are alphabetically arranged. Antidesma (Stilaginaceae) and Galearia (Pandaceae) are added. The largest genera are Macaranga 85 spp. (elaborated by Whitmore), Glochidion 67, Phyllanthus 42, Claoxylon 29, Antidesma 27, and Mallotus 20. Euphorbia is by A.Radcliffe-Smith.
In contrast to his similar, former work on Borneo Euphorbiaceae there are less genera but more species, which is ascribed to speciation going on more rapidly in a younger land. The work is a boon to Malesian botany.—v.St.

- SHETTY, B.V. & S.KARTHIKEYAN, *Medinilla fuchsioides* Gardn. (Melastomataceae). A new record for India. Bull.Bot.Surv.India 18 (1976; publ. 1979) 215.
Key to 3 South Indian species.
- SHIH, Chu, *Opisthopappus Shih*, a new genus of Compositae from China. Acta Phytotax.Sin. 17, n. 3 (1979) 110-112, 1 fig.
aff. *Pyrethrum*.
- & Guo-xun FU, *Species et combinationes novae tribus Anthemidearum familiae Compositarum Tibeticae*. Acta Phytotax.Sin. 17, n. 2 (1979) 113-116.
In Chinese. New comb. and new species in *Pyrethrum*, *Waldheimia* and *Ajanía*.
- SHORT, P.S. *Apium L. sect. Apium (Umbelliferae) in Australasia*. J.Adelaide Bot.Gard. 1 (1979) 205-235, 14 fig., 2 tab.
3 native species in Australasia (2 new); key.
- SIKDAR, J.K. A note on *Amblyanthopsis bhotanica* (Myrsin.) from India. Bull.Bot.Surv.India 18 (1976; publ. 1979) 244-246, 1 fig.
- SIMMONS, J.T. A checklist of Orchidaceae in Northern Territory. The Orchadian 6 (1979) 84-86, 1 map.
Records listed.
- SINGH, N.P., U.R.DESHPANDE & R.S.RAGHAVAN, *Poaceae of Karnataka State, India*. Bull.Bot.Surv.India 18 (1976; publ. 1979) 109-143, 1 map, 2 pl.
Key to 364 species and varieties in 114 genera; no descriptions.
- SINGH, Prithipal, *Blumea laciniata* (Roxb.) DC. (Asteraceae-Inuleae) has to be called *Blumea sinuata* (Lour.) Merr. Bull.Bot.Surv.India 18 (1976; publ. 1979) 215-216.
- SINGH, Vijendra, *Phytogeographical reassessment on the flora of Rajasthan*. J.Bomb.Nat.Hist.Soc. 74 (1978) 444-452, 3 fig.
Various elements and supposed routes of immigration; no emigration considered.
- A taxonomic study of the genus *Cassia* Linn. in Rajasthan. Bull.Bot.Surv.India 18 (1976; publ. 1979) 85-101, 3 fig.
Key to 21 species.
- A study of the aquatic and marshland plants of Jhalawar District, Rajasthan. J.Bomb.Nat.Hist.Soc. 75 (1979) 312-320, 1 tab.
Mostly a name list.
- Critical taxonomic notes on some species of *Cassia* Linn. found in India. J.Bomb.Nat.Hist.Soc. 75 (1979) 434-443, 3 fig.
6 species treated.
- SMIT, P. *The Rijksherbarium and the scientific and social conditions which influenced its foundation*. Blumea 25 (1979) 5-11.
Conditions in the Netherlands, socio-economic and scientific.

- *SMITH, A.C. *Flora Vitiensis Nova: A new Flora of Fiji (Spermatophytes only)* (1979) — Reviewed on page 3458.
- SMITH, J.M.B. *Vegetation recovery from drought on Mt. Kinabalu (North Borneo)*. Mal.Nat.J. 32 (1979) 341-342.
Leptospermum recurvum locally killed in summit zone by drought in Dec. 1972 and April 1973, but of this and several other species there are now many seedlings.
- SODERSTROM, T.R. & C.E. CALDERÓN, *A commentary on the Bamboos (Poaceae: Bambusoideae)*. Biotropica 11 (1979) 161-172.
General survey of various aspects.
- SOEJARTO, D.D., R.B. FADEN & N.R. FARNSWORTH, *Indian Podophyllum: is it Podophyllum emodi or Podophyllum hexandrum?* (Berber.) Taxon 28 (1979) 549-551.
- SOEJONO, *Pohon nagasari (Mesua ferrea L.)*. Bul.Kebun Raya 3 (1978) 145-148.
In Indonesian; English summary. Popular; uses.
- SOEPADMO, E. *The Aroids*. Nature Malaysiana 2, n. 4 (1977) 12-19, 11 col. phot.
Popular view of family in Malaysia.
- *Plants of the sandy beach*. Nature Malaysiana 4, n. 2 (1979) 24-33, 25 col. fig.
Individual species and vegetation.
- SOEWANDA AMONG PRAWIRA, R. *Pengenalan jenis-jenis pohon ekspor Serie KE IX*. Lembaga Penelitian Hutan Bogor, Laporan n. 303 (1979) 51 pp. mimeographed, 30 pl.
In Indonesian. The 9th of a series of instalments on export timbers with full botanical notes and good illustrations.
- SOON, Teoh-eng & David LIM, *Three popular Malaysian Phalaenopsis species*. In: Orchids (Publ. Commem. Gold. Anniv. Orch. Soc. SE. Asia) (1979) 66-71, 14 phot.
- SPRANGERS, J.C.T.M. *Composition and structure of the dry evergreen forest of SE. India*. Acta Bot. Neerl. 28 (1979) 379.
Short note on 6 vegetation types.
- SRIVASTAVA, P.B.L. *Precocious flowering (paedogenesis) in Dipterocarpaceae*. Malays.For. 40 (1977) 251-253, 1 fig.
In Dipterocarpus oblongifolius seedlings in greenhouse of the Faculty of Forestry, Serdang.
- STAFLEU, F.A. *Prioriteiten in de Nederlandse plantensystematiek*. Vakbl. Biol. 59 (1979) 155-159, 3 fig.
Priorities in plant taxonomy in the Netherlands. Lecture (in Dutch) delivered at the mini-symposium during the sesquicentennial of the Rijksherbarium at Leiden.

STEENIS, C.G.G.J. van, *Family index of Bentham's Flora Australiensis*. Privately issued (1978) 5 pp. mimeographed. Gratis obtainable from the author.

Bentham's great work lacks a general index to family names; this is done here in currently recognized families; not all recent splits have been accepted. Add an omission: Trimeniaceae 4:292 (Piptocalyx), and omit this name from p. 2.

----- *The Rijksherbarium and its contribution to the knowledge of the tropical Asiatic flora*. Blumea 25 (1979) 57-77.

General aspects of production of the Rijksherbarium; perspectives of Flora Malesiana publication.

----- *Plant-geography of East Malesia*. Bot.J.Linn.Soc. 79 (1979) 97-178, 24 fig.

Analysis of the flora of the Lesser Sunda Islands; this makes an integral part of the Malesian flora. Argumentation of exchange between the Australia + New Guinea and Indo-Malesian floras via New Guinea; its one-sidedness because of the oligotrophic nature of Australian soils. Summary of geology of New Guinea. Explanation of Torres Strait barrier in botany. Contacts mainly from Miocene onwards when New Guinea grew from archipelagic conditions to a solid landsurface. An earlier Cretaceous contact is required by botany in plate tectonics theory. Other topics are an analysis of the 10 elements of the Australian flora; scleromorphic aspect of Australian plants due to mineral-starved soil; the myth of long-distance dispersal again argued. The land-bridge theory explained as the 'land-theory' to correct a misinterpretation by many botanists. The undesirable layout, for which the editor is responsible, is regretted by the author.—v.St.

STEENIS-KRUSEMAN, M.J. van, *The collections of the Rijksherbarium*. Blumea 25 (1979) 29-55.

Condensed discussion of contents of the Rijksherbarium accessions under the subsequent directorates.

* STEIN, N. *Coniferen im westlichen malayischen Archipel (Conifers in the western Malaysian Archipelago)*. Biogeographica 11 (1978) 165 pp., 32 phot., 27 fig., 10 tab. Junk, The Hague, The Netherlands. Cloth-bound. Dfl. 60; US\$ 29.50.

Phytosociology; distribution; techniques of analysis.

Mrs. R. Kiew wrote a long review in the Malaysian Forester 42: 77-79.

ST. JOHN, H. *The new Dubautia nagatae (Compositae) of Kauai*. Haw.Pl.Stud. 78. Bull.Torr.Bot.Club 106 (1979) 1-3, 1 fig.

----- *A new Stenogyne (Labiatae)*. Haw.Pl.Stud. 84. Phytologia 41 (1979) 305-308, 1 fig.

----- *Plants collected in the Sandwich Islands by Thomas Nuttall*. Haw.Pl.Stud. 85. Phytologia 41 (1979) 441-446.

Itinerary; list of plant names.

- *Revision of Nototrichium sandwicense (Amaranthaceae)*. *Haw.Pl.Stud.* 87. *Phytologia* 42 (1979) 25-28.
Key to varieties.
- *Metrosideros polymorpha (Myrtaceae) and its variations*. *Haw.Pl. Stud.* 88. *Phytologia* 42 (1979) 215-218.
Varieties and forms listed with synonyms and types.
- *Resurrection of Viola lanaiensis Becker*. *Haw.Pl.Stud.* 90. *Phytologia* 44 (1979) 323-324.
- STONE, B.C. *Henderson's Malayan Wild Flowers. Appendix*. Publ. by Malayan Nature Society, Kuala Lumpur, 27 pp. M\$ 1.
Pamphlet containing a nomenclaturally updated list of the plant names in the 2 volumes of Henderson's work which is much used in Malaysia. It was found too costly to make the name changes in the new reprint edition of Henderson's work. It is not clear why the list could not have been printed as an appendix in this new edition.
- *Additions to the Malayan Flora 6. The genus Ornithochilus new to Malaysia*. *J.Mal.Br.R.As.Soc.* 51 (2) (1978) 139-142, 2 fig.
New record from Genting Highlands of the continental Southeast Asian *O. fuscus* Wall. (Orch.).
- *Studies in Malesian Pandanaceae XVII. On the taxonomy of 'Pandan wangi', a pandanus cultivar with scented leaves*. *Econ.Bot.* 32 (1978) 285-293, 3 fig.
Malesian; only known in male specimens; belongs in subg. *Kurzia*, but no section of ancestor is indicated. — The name *P. amaryllifolius* Roxb. 1832 is accepted, but this is an error; it should be *P. amaryllidifolius* Voigt, 1828.—v.St.
- SUKARDJO, Sukristijono, *Mengenai hutan Gunung Tilu*. *Bul.Kebun Raya* 3 (1978) 153-156.
In Indonesian; English abstract. Vegetation description of the summit of Mt Tilu (2050 m) in West Java (Priangan).
- SUR, P.R. & S.DAS, *Some additions to West Bengal grasses*. *Bull.Bot.Soc. Beng.* 30 (1978) 99-100.
2 records.
- SURIAMIHARDJA, S. *Seed characteristics of Agathis loranthifolia*. *Malays. For.* 42 (1979) 214-220, 2 fig., 3 tab.
Viable only a few weeks.
- SYKES, W.R. & P.J.GARNOCK-JONES, *A new combination in Syzygium for Eugenia Maire (Myrtaceae) of New Zealand*. *J.Arn.Arb.* 60 (1979) 396-401, 2 fig., 1 tab.
- SYMON, D.E. *The genus Solanum in Australia*. In: J.G.Hawkes c.s. (ed.), *The biology and taxonomy of the Solanaceae*. *Linn.Soc.Symp.Series n.* 7 (1979) 125-130, 1 tab.
About 90 names arranged in 6 subgeneric groups; chromosome numbers; 4 types of fruit structure and dispersal.

- TAMURA, M. *Nepalese specimens of Ranunculus and its allied genera preserved in British Museum (Natural History)*. Sci.Rep.Osaka Univ. 27 (1978) 99-117.
- TANG, H.T. & P.F.CHONG, 'Sudden' mortality in a regenerated stand of *Shorea curtisii* in Senaling Inas Forest Reserve, Negeri Sembilan. Malays.For. 42 (1979) 240-254, 6 fig., 4 tab.
Supposed due to waterstress, but not very clear.
- & A.K.JAAFAR, *An assessment of the teak (Tectona grandis) plantations at Mata Ayer Forest Reserve, Perlis*. Malays.For. 42 (1979) 83-95, 1 fig., 6 tab.
- TERAO, H. *Phytogeographical and taxonomical studies on Japanese Oxalis acetosella s.l.* Acta Phytotax.Geobot. 30 (1979) 45-64, 10 fig., 6 tab.
Cytological research; a new variety.
- THEOBALD, W.L. *Sri Lanka: its plants, peoples & places*. Bull.Pac.Trop.Bot. Gard. 9 (1979) 25-31.
Popular report of visit.
- *Plant collecting in Sri Lanka*. Bull.Pac.Trop.Bot.Gard. 9 (1979) 54-58, 3 phot.
Trip report in highlands.
- THOMPSON, Joy, *Polygalaceae*. Flora of New South Wales n. 112 (1978) 1-18.
Key to 8 species of Comesperma (reduction to Bredemeyera not accepted), 4 species of Polygala.
- TINDALE, M.D. *Notes on Australian taxa of Acacia*. No. 5. Telopea 1 (1978) 371-386, 1 pl.
Various notes; 3 new species.
- TIRVENGADUM, D.D. *A synopsis of the Rubiaceae-Gardenieae of Ceylon (Sri Lanka)*. Bull.Mus.Nat.Hist.Nat.Paris 3e sér., n. 521, Bot. 35 (1978) 3-33, 1 map, 5 pl., 1 map.
Key to 5 genera; reinstatement of 4 genera: *Aidia* Lour., *Byrsophyllum* Hook.f., *Catunaregam* Wolf, *Ceriscoides* (Hook.f.) stat.nov.; several new combinations.
- TODD, M.A. *A conspectus of new records and nomenclature for vascular plants in Victoria during the period 1970-1977*. Muelleria 4 (1979) 173-199.
- TOIVONEN, H. *The status of the New Zealand Carex lachenalii (Cyperaceae)*. Ann.Bot.Fennici 16 (1979) 151-156, 3 fig., 1 tab.
New subspecies for New Zealand specimens of this bipolar species.
- TOMEY, W.A. *Irian Jaya, maagdelijke natuur*. Het Aquarium 49 (1979) 320-325, 5 phot.
In Dutch. Including on p. 325 some casual records of waterplants in Sentani Lake.
- TOMLINSON, P.B. e.a., *Preliminary observations on floral biology in mangrove Rhizophoraceae*. Biotropica 11 (1979) 256-277, 10 fig.
Mainly in East New Guinea and Queensland.

- TOWNROW, J.E.S. *Stipa* L. in Tasmania. Historical notes: taxonomic contributions 1768-1968 and the type locality of *Stipa flavescens* Labill. Pap. & Proc. R. Soc. Tasmania 112 (1978) 215-226, 2 maps, 2 pl.
- *The genus Stipa in Tasmania. Part 3. Revised taxonomy.* Pap. & Proc. R. Soc. Tasmania 112 (1978) 227-287, 15 fig., 2 pl., 4 tab.
Key to 3 genera and 12 species (none new).
- TOWNSEND, C.C. *A survey of Pupalia* Juss. Notes on Amaranthaceae. V. Kew Bull. 34 (1979) 131-142.
Key to 4 species (one with 5 varieties); *P. lappacea* with 1 var.
- * *TREE FLORA OF MALAYA. Vol. 3* (1978) — Reviewed on page 3459.
- * TRESEDER, N.G. *Magnolias*. Faber & Faber, London/Boston (1978) xviii + 243 pp., illus., 48 col. phot., 2 maps at the back.
Introduction of the *Magnolia* into horticulture; glossary; revised survey of the temperate species in cultivation; hybrids; chromosomes; pollination; the 1950 key to infrageneric subdivision reproduced (key of Dandy); no Malesian species treated.
- TRIVEDI, B.S. & N. UPADHYAY, *Epidermal structures and ontogeny of stomata of Nyctanthes arbor-tristis* L. Geophytology 8 (1978) 22-31, 30 fig.
Anatomy differs from both Oleaceae and Verbenaceae and suggests separate family (sic).—v. St.
- TROLL, C. & W. LAUER (ed.), *Geocological relations between the southern temperate zone and the tropical mountains* (1978) — Reviewed on page 3460.
- * *TROPICAL LEGUMES: RESOURCES FOR THE FUTURE.* Report of Ad Hoc Panel of Advis. Comm. on Techn. Innov.; Nat. Acad. Sci. Washington, D.C. (1979) x + 326 pp., illus.
Detailed treatments of almost 200 species.
- TSENG, Yung-chien, *Materials for Chinese Piper*. Acta Phytotax. Sin. 17, n. 1 (1979) 24-41, 16 fig.
Comments on some 30 species of *Piper*, of which a dozen new species.
- TSIANG YING & Ping-t'ao LI (ed.), *Annonaceae, Myristicaceae and Calycanthaceae*. Fl. Reipubl. Popul. Sinicae 30 (2) (1979) 218 pp., 93 pl.
In Chinese. Annon.: c. 100 taxa belonging to 24 genera; why *Friesodielsia* is reduced to *Richella* is not clear; 1 new combination.
Myrist.: 3 genera with 15 species. Calycanth.: 2 genera with 5 species.
- VELDKAMP, J.F. *The identity of Digitaria leptalea and its variety*. Acta Phytotax. Geobot. 29 (1978) 178.
From Okinawa. Reduced to *D. violascens*.
- *A new Vaccinium (Ericaceae) from Papua New Guinea*. Blumea 25 (1979) 479-480.
- VERDCOURT, B. *Two new species of Mimosoideae-Leguminosae from New Guinea*. Kew Bull. 33 (1979) 407-410, 1 fig.
In *Albizia* and *Archidendron*.

- *A note on the supposed occurrence of a species of Gleditsia (Leguminosae-Caesalpinioideae) in New Guinea.* Kew Bull. 33 (1979) 516.
To be discarded; the dubious specimen mentioned by Kanehira & Hatusima belongs to *Dictyoneura obtusa* Bl. (Sapindaceae).
- *----- *A manual of New Guinea legumes* (1979) — Reviewed on page 3461.
- VISHNU-MITRE & R.SAVITHRI, *Setaria in ancient plant economy of India.* The Palaeobotanist 25 (1976; issued 1978) 559-564, 2 pl., 1 map, 2 tab.
Subfossil data of 3 *Setaria* species from 1600 B.C.
- *VOGEL, E.F.de, *Seedlings of dicotyledons / Structure, development, types / Descriptions of 150 woody Malesian taxa* (1980) — Reviewed on page 3462.
- WALKER, D. & J.R.FLENLEY, *Late Quaternary vegetational history of the Enga Province of upland Papua New Guinea.* Phil.Trans.R.Soc.Lond. B, Biol.Sci., vol. 286, n. 1012 (1979) 265-344, 15 fig., 12 tab., 2 pl.
Profound changes in major vegetation types during past 30,000 years
Forest limit now 1500 m higher than 16-18,000 years ago.
- WANG, Wen-tsai, *Taxa nova Gesneriacearum e flora Tibetica.* Acta Phytotax. Sin. 17, n. 1 (1979) 110-111, 1 fig.
New species in *Lysionotus*, *Chirita*.
- *Vitacearum novitates.* Acta Phytotax. Sin. 17, n. 3 (1979) 73-96.
Precursor; many new taxa (spp. & var.) and new combinations. Keys of species in all genera in Chinese.
- & Chia-juei CHEN, *Urticaceae novae e flora Tibetica.* Acta Phytotax. Sin. 17, n. 1 (1979) 105-109, 3 fig.
New section in *Elatostema*; new species in *Pilea*, *Elatostema*, *Pouzolzia*, *Boehmeria*.
- WARDLE, P. *Origin of the New Zealand mountain flora, with special reference to trans-Tasman relationships.* New Zeal.J.Bot. 16 (1978) 535-550, 2 fig.
Some of the most important genera did not arrive in Plio-Pleistocene time but are older (*Celmisia*, *Hebe*, *Ourisia*, *Gentiana*) but origins are Australian. East to west dispersal is possible. Raven's hypothesis of very young development is not supported.
- *Variation in Phormium cookianum (Agavaceae).* New Zeal.J.Bot. 17 (1979) 189-196, 4 fig., 3 tab.
There are 2 subspecies.
- WERTH, C.R., W.V.BAIRD & L.J.MUSSELMAN, *Root parasitism in Schoepfia Schreb. (Olacaceae).* Biotropica 11 (1979) 140-143, 6 fig., 1 tab.
S. schreberi florida is root-hemiparasite on ten hosts; excellent figures of haustoria.
- WET, J.M.J.de & E.A.OELKE, *Domestication of American wild rice (Zizania aquatica L., Gramineae).* J.d'Agric.et Bot.Appl. 25 (1978) 67-84, 7 fig. (2 maps).

- WHISTLER, W.A. *Contributions to the orchid flora of Samoa*. Bull. Pac. Trop. Bot. Gard. 9 (1979) 34-38, 3 phot.
Some 10 records; popular.
- WHITMORE, T.C. *Studies in Macaranga VII. The genus in 'Greater India'*. Gard. Bull. Sing. 31 (1978) 51-56.
Key to 13 species in Ceylon, India, Pakistan, Burma and Bangladesh together; one name reduced; all annotated and with synonymy and distribution.
- WILDE, W.J.J.O. de, *New account of the genus Knema (Myristicaceae)*. Blumea 25 (1979) 321-478, 18 fig.
A large precursor to Flora Malesiana; 83 species keyed out, about 30 new species and some new combinations. The species are arranged in 12 series differing in part from the groups earlier distinguished by Sinclair; species distinctions mainly by male flowers, indument and vegetative parts.
- WILLEMSE, R.H. *New combinations and a new name for Sri Lankan Coleus species (Labiatae)* Blumea 25 (1979) 507-511.
List of 11 species (6 new combinations, formerly under Coleus).
- * WIT, H.C.D. de, *Cryptocoryne-sleutel*. Uitgave Aquariumveren. Ichthus Zevenaar (1979?) 28 pp. offset, 1 fig., 28 phot.
In Dutch. Improved from the key in English (in Belmontiana 1970) including 9 spp. described since; in all 52 spp. keyed out.
- WIUM-ANDERSEN, S. & B. CHRISTENSEN, *Seasonal growth of mangrove trees in southern Thailand. II. Phenology of Bruguiera cylindrica, Ceriops tagal, Lummitzera littorea and Avicennia marina*. Aquatic Botany 5 (1978) 383-390, 4 fig., 1 tab.
Flower and leaf periodicity.
- WOLTERSON, J.F. *Soil erosion in the teak forests of Java*. De Dorschkamp, Box 123, Wageningen, The Netherlands. 40 pp. stencil.
Wide scope; origin of the forests viewed.
- WOMERSLEY, J.S. *Taxonomy at work - Glomera and Glossorhyncha*. The Orchadian 6 (1979) 56.
Summary of the two genera according to Van Royen.
- WONG, P.P. *The herbaceous formation and its geomorphic role, East Coast, Peninsular Malaysia*. Mal. Nat. J. 32 (1978) 129-141, 2 fig., 4 pl., 2 tab.
More common sandbinders; ecology and colonization.
- WRIGHT, A.E. *Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium. Part 3. Monocotyledones-Gramineae*. Rec. Auckl. Inst. Mus. 15 (1978) 45-53.
List of 165 specimens among which 67 types.
- WRIGLEY, J.W. *Australian pea-flowers. Their cultivation*. Austr. Plants 10 (1979) 95-123, illus.
Various notes and brief description of Papilion.

- * WU, C.Y. (chief ed.), *Flora Yunnanica. Vol. 1 & 2* (1977-1979) — Reviewed on page 3465.
- * ----- c.s., *Labiatae. Fl. Reipubl. Popul. Sinicae* 65 (1977) xxix + 649 pp., 111 fig.; 66 (1977) xxiv + 647 pp., 123 fig.
Treatment of Labiatae 1-2; many new taxa. A colossal work.
- YAKOVLEV, G.P. *Notes on the taxonomy of the genus Calpurnia E. Mey. (Fabaceae)*. *Nov. Syst. Plant. Vasc.* 8 (1971) 194-196.
An Indian subspecies of *C. aurea* raised to specific rank; 1 new combination.
- YAMAZAKI, T. *New or noteworthy plants of Scrophulariaceae from Indo-China (3). New taxa of Limnophila*. *J. Jap. Bot.* 54 (1979) 15-21, 4 fig.
4 new species from Thailand and Laos.
- * YING, Shao-shun, *Coloured illustrations of plants of Taiwan. Part II. Coloured illustrations of indigenous orchids of Taiwan. Vol. 1*. Dept. Forestry, Natn. Taiwan Univ. Taipei (1977) iv + 565 pp., 130 fig., 40 col. pl. (158 phot.). \$ 17.
- * ----- *Alpine plants of Taiwan in color. Vol. 2*. Dept. Forestry, Natn. Taiwan Univ. Taipei (1978) 467 pp., 104 fig., 122 col. phot.
Plant descriptions in English and in Chinese. The colour photographs are not too good and rather badly reproduced.—v. St.
- YING, Tsün-shen, *On Dysosma Woodson and Sinopodophyllum Ying, gen. nov. of the Berberidaceae*. *Acta Phytotax. Sin.* 17, n. 1 (1979) 15-23, 2 fig., 1 map.
New genus based on *Podophyllum emodi*; key to 7 species of *Dysosma* (in Chinese), some new or new combinations.
- , Cheng-gong MA & Che-sung CHANG, *Observations of the flora and vegetation of Mt. Shennungia in western Hupeh, China*. *Acta Phytotax. Sin.* 17, n. 3 (1979) 41-60, 16 fig. & maps, 6 tab.
With English abstract. Highest mountain in Central China (3105 m). Floral affinity with Central Japan rather than with Himalaya.
With many endemic genera; might be a refuge of a Tertiary flora.
- YONG, Hoi-sen, *Mangosteen: the Queen of fruits*. *Nature Malaysiana* 4 (2) (1979) 4-6, 4 col. fig.
Praise of *Garcinia mangostana*.
- *Rambutan: the South-Sea Litchi*. *Nature Malaysiana* 4, n. 3 (1979) 4-9, 5 col. phot.
Popular. Propagation now by budding; uses; varieties.
- & B.F. CHAN, *Orchid Portraits. 6. The Golden Spathoglottis*. *Nature Malaysiana* 4, n. 3 (1979) 34-35, 1 col. phot.
Spathoglottis aurea.
- YÜ, Te-tsun & Chao-luan LI, *The genus Sanguisorba in China and the identity of Chinese drugs, Di-Yü*. *Acta Phytotax. Sin.* 17, n. 1 (1979) 7-14, 1 fig.
Key to 7 spp. (in Chinese); several new comb. or new species.

- *ZEPERNICK, B. & F. K. TIMLER, *Grundlagen zur 300jährigen Geschichte des Berliner Botanischen Gartens*. Englera. Beih. z. Willdenowia. Veröff. Bot. Gart. u. Bot. Mus. Berlin-Dahlem 1 (1979) 303 pp.
A large number of data on the history and biographies of the personnel of the Berlin Botanic Garden; bibliography on papers on the Botanic Garden; publications issued by the Garden; some reproduced early documents.
- ZHENG, Qing-fang, *Some new species of the Fagaceae from Fujian*. Acta Phytotax. Sin. 17, n. 3 (1979) 118-119.
Some new taxa and new combinations in several genera.