

X. BIBLIOGRAPHY*(continued from page 3171)*

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* :

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Name list. India.
- BURI, P. *On some fresh-water algae from North Surin Island*. Nat.Hist.Bull. Siam Soc. 29 (1977) 200-210, 1 map, 4 pl.
- CHATURVEDI, U.K. & U.C.PANDEY, *A list of blue-green and green algae from Rohilkhand Division, U.P., India*. IV. Phykos 15 (1976; publ. 1977) 127-131.
- CHRISTENSEN, B. & S.WIUM-ANDERSEN, *Mangrove plants, sea grasses and benthic algae at Surin Islands, Westcoast of Thailand*. Phuket Marine Biol.Centre, Thailand, Research Bull. no 14 (1977) 5 pp.
Of the 39 recorded algae, 13 are new for Thailand.
- DOTY, M.S. *Izziella abbottae, a new genus and species among the gelatinous Rhodophyta*. Phycologia 17 (1978) 33-39, 9 fig., 1 tab.
From Hawaii.
- * DROUET, F. *Revision of the Nostocaceae with constricted trichomes*. Beih. Nova Hedwigia 57 (1978) 258 pp., 31 fig.
Keys; descr.
- FARIDI, M.A.F. & S.HUSSAIN, *Vaucheria in North West Pakistan*. Sultania 3 (1977) 5-9, 8 fig.
Key to 8 spp. (no new spp.).
- FLINT, E.A. *Phytoplankton in seven monomictic lakes near Rotorua, New Zealand*. New Zeal.J.Bot. 15 (1977) 197-208, 3 tab., 1 map.
Discussion; lists; many Desmids.
- GILBERT, W.J. *Observations on Dasycladus C.Agardh and Chlorocladus Sonder (Dasycladales, Chlorophyta) and description of Chlorocladus philippinensis Gilbert sp.nov.* Phycologia 17 (1978) 305-310, 18 fig.
- *Rhipilia sinuosa sp.nov. (Chlorophyta, Siphonales) from Micronesia*. Phycologia 17 (1978) 311-313, 4 fig.
- HAN, Fu-shan, Pei-chin TUAN & Chao-lin CHEN, *New taxa of Charophytes from North-western China*. Acta Phytotax.Sin. 16, no 3 (1978) 89-94, 3 fig.
Records and some new spp. in Chara.

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- KAMAT, N.D. & J.F. FREITAS, *A check list of Euglenophyceae and Chlorophyceae of Nagpur, Maharashtra (India)*. *Phykos* 15 (1976; publ. 1977) 121-125.
- & P.S. HARANKHEDKAR, *Bark algae of Nagpur, Maharashtra*. *Phykos* 15 (1976; publ. 1977) 53-57.
Name list with comments (Cyanoph., Chlorophyc., Diatom.).
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Keys; descr. some new spp.
- KOBAYASI, H. & K. ANDO, *New species and new combinations in the genus Stauroneis* (Diat.) *Jap. J. Phycol.* 26 (1978) 13-18, 2 pl.
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Of Australia; 11 taxa (few new comb.).
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5 fig.
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Ecology and checklist.
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Critical name list.
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- & ----- *Calothrix lucknowense - a new species from paddy-field soil*. Phykos 15 (1976; publ. 1977) 69-73, 12 fig.
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Name list; discussion distribution in various ecologies.
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Key to 3 spp.
- SIVALINGAM, P.M. *Marine algal distribution in Penang Island*. Bull.Jap.Soc. Phycol. 25 (1977) 202-209, 2 pl., 1 map, 2 tab.
Ecology; name list.
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Key to 7 spp. (2 new).
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Species listed.
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5 spp. keyed out (1 unnamed).

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Some spp. descr.
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15 spp.; key; ecology; distribution.

b) Fungi & Lichens :

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- AHMAD, S. *Contributions to the Fungi of Pakistan. XVII.* Sultania 2 (1976) 17-21.
Name list.
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1 new genus; some new combinations.
- *Notes on Dipodascus, Endomyces and Geotrichum with the description of two new species*. Antonie van Leeuwenhoek 43 (1977) 333-340, 1 fig.
Incl. a new sp. from Australia; key to species.
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Key to 9 genera; incl. a new species from India.
- , K.G. MUKERJI & N. SINGH, *Leucosphaera, a new genus of the Pseudeurotiaceae*. Persoonia 10 (1978) 141-143, 1 fig.
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Palni Hills, S. India, new genus, new species.
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7 spp. listed and discussed; none new; distribution in Taiwan.

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2 spp. discussed; 1 new comb.
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- DOGMA Jr, I.J. *Philippine zoosporic fungi: The algal parasite Myzocitium megastomum and its Rozella hyperparasite*. Kalikasan 7 (1978) 47-62, 12 fig.
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Incl. also Java sp.
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3 spp. treated (one new, one new comb.).
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Key to 9 spp. (one of which also on Mt. Kinabalu).

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Incl. 1 new comb.
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- HIRATSUKA, N. & S.HASEBE, *A taxonomic revision of the species of Puccinia parasitic on the Liliales (Liliaceae, Amaryllidaceae, Dioscoreaceae and Iridaceae) in the Japanese Archipelago. Contr. to the rust-flora of Eastern Asia XII.* Rept.Tottori Mycol.Inst.(Japan) 16 (1978) 1-36, 24 fig., 1 tab.
Key to species. Records but no descriptions.

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Araucaria cunninghamii and A. hunsteinii associated with Endogone species.
- HONGO, T. *Higher fungi of the Bonin Islands. I*. Mem.Nat.Sci.Mus.Tokyo no 10 (1977) 31-41, 4 fig.
10 spp. listed (2 new).
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15 records (3 new spp. in Hygrophorus and Limacelle).
- & E.NAGASAWA, *Notes on some boleti from Tottori IV*. Rept.Tottori Mycol.Inst.(Japan) 16 (1978) 50-58, 6 fig.
4 spp. described (1 new comb.) of Japan.
- HOOG, G.S.de, *Notes on some fungicolous Hyphomycetes and their relatives*. Persoonia 10 (1978) 33-81, 22 fig.
Incl. new spp. from Java, New Zealand, etc.
- HORAK, E. *The genus Melanotus Pat*. Persoonia 9 (1977) 305-327, 82 fig.
Key to 21 spp.; several new spp.
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Key to 34 spp.; among them spp. from Malaysia and Papua New Guinea; 11 new spp.
- *Fungi Agaricini Novaezelandiae. VI. Inocybe (Fr.) Fr. and Astrosporina Schroeter*. New Zeal.J.Bot. 15 (1977) 713-747, 12 fig.
Key to 12 spp. of Inocybe and 12 of Astrosporina; in both several new spp.
- *Pleuroflammula*. Persoonia 9 (1978) 439-451, 10 fig.
Key to 16 spp.; 3 new spp. from New Zealand, New Guinea and Java.
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List of records; various new spp.
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Second species of genus.

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- JAIN, B.L. *Trichoconiella* gen. nov. *Kavaka* 3 (1975) 37-39, 1 fig.
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15 spp. treated; 2 new genera; 5 new spp., 1 new comb.
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Incl. species from Australia, New Guinea, New Zealand.
- KAMAL & R.P. SINGH, A new species of *Verrucispora* (*Hyphomycetes*) from India. *Canad.J.Bot.* 56 (1978) 2785-2786, 1 fig.
- KAPOOR, J.N., N. BAHL & S.P. LAL, A new genus of *Plectascales*. *Kavaka* 3 (1975) 127-128, 1 fig.
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Key to 9 spp. from Papua New Guinea (3 new).
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2 new spp.
- KOBAYASI, Y. Miscellaneous notes on the genus *Cordyceps* and its allies (3). *J.Jap.Bot.* 52 (1977) 111-118, 8 fig.
4 known spp. described.
- Ditto (6). *J.Jap.Bot.* 52 (1977) 344-350, 8 fig.
4 spp.
- Ditto (7). *J.Jap.Bot.* 53 (1978) 336-340, 5 fig.
- & D. SHIMIZU, Two new species of *Podonectria* (*Clavicipitaceae*) from Japan. *Bull.Nat.Sci.Mus.Tokyo B* 3 (1977) 93-97, 4 fig., 1 tab.
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15 spp. listed (5 new).
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Key to 9 spp.
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2 spp. discussed, another new.
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Morph. germination.
- LIU, Cham-che, *A survey of Taiwan fungi (II)*. Taiwan Mushrooms 2 (1978) 23-28, 8 col. fig.
In Japanese; 8 spp. treated and figured.
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14 spp. listed; mostly new records; 1 new sp.
- & ----- *Preliminary studies on coprophilous Discomycetes in Taiwan*. Taiwania 22 (1977) 44-58, 5 pl.
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- * ----- , ----- & B.A.WHITTIER, *Prodromus Florae Muscorum Polynesiae, with a key to genera.* J.Cramer, Vaduz (1978) 334 pp., 1 map.
An important checklist of all the names. Accepted names based primarily on Ind. Musc. but there is no responsibility for proper identifications.
- MIZUTANI, M. *Lejeuneaceae from the Philippines.* J.Hattori Bot.Lab. no 43 (1977) 127-136.
Species listed; an odd new name.
- *On the Japanese species of the genus Kurzia.* Misc.Bryol.et Lichen. 7 (1977) 193-195.
- *Lejeuneaceae from Ishigaki and Iriomote Islands of Ryukyu Archipelago.* J.Hattori Bot.Lab. no 44 (1978) 121-136, 7 fig.
Key to 2 spp.; list of others.
- NOGUCHI, A. & U.MIZUSHIMA, *Forsstroemia lasioides (C.Muell.) Nog., a new record for Japan.* Misc.Bryol.et Lichen. 8 (1978) 39-41, 1 fig.
- ONRAEDT, M. *Bryophytes de Sri Lanka (Ceylan).* Rev.Bryol.et Lichén. 44 (1978) 77-82, 2 fig.
Key to Indo-Malesian spp. of Frullania sect. Tamariscineae; Cololejeunea n.sp.

- PURSELL, R.A. & W.J. HOE, *Fissidens in Hawaii*. J. Hattori Bot. Lab. no 43 (1977) 81-106, 9 pl.
11 spp. recognized; key; no new names.
- ROSARIO, R.M. del, *Philippine liverworts. III. Calobryales and Herbertales of the Philippines*. Philip. J. Sc. 104 (1975, publ. 1977) 93-209, fig. 30-91.
Keys to genera and species; several new combinations.
- SEPPELT, R.D. *Studies on the bryoflora of Macquarie Island. II. Ulota phyllantha* Brid. New Zeal. J. Bot. 16 (1978) 21-23, 13 fig.
- SIMPSON, M.J.A. *Some bryophytes of Nelson Lakes National Park, New Zealand* New Zeal. J. Bot. 15 (1977) 535-548.
Species list.
- SRIVASTAVA, S.C. & Ram UDAR, *Riccardia perssonii* sp. nov. and *R. tenuicostata* Schiffn., two hepatics new to India. Lindbergia 4 (1977) 127-131, 17 fig.
- & ----- *On some little known species of Riccardia from eastern Himalayas*. Misc. Bryol. et Lichen. 7 (1977) 157-160, 4 fig.
- STONE, I.G. *Bruchia queenslandica*, a new moss from tropical Australia. J. Bryol. 9 (1977) 509-518, 4 fig., 1 pl., 1 tab.
- *Acaulon* subg. *Alaticosta* validated. J. Bryol. 9 (1977) 573.
Australian moss.
- *Tortula oleaginosa*, a new moss from Australia. J. Bryol. 10 (1978) 117-124, 3 fig., 1 pl.
- TAKAKI, N. & H. KATSURAYAMA, *Schistochila philippinensis* occurs in Japan. Misc. Bryol. et Lichen. 8 (1978) 10, 3 fig.
- THAITHONG, O. & S. HATTORI, *A new species of Frullania from North Vietnam and the Indian F. physantha* Mitt. Bull. Nat. Sci. Mus. Tokyo B 3 (1977) 149-154, 3 fig.
- TOUW, A. *The mosses reported from Borneo*. J. Hattori Bot. Lab. no 44 (1978) 147-176, 2 fig.
Bibliographical enumeration; 607 spp., 42 subsp. or varieties; 10 new comb.
- TOWNSEND, C.C. *Notes on mosses from Ceylon and India. 1-5*. J. Bryol. 10 (1978) 125-137, 1 fig., 1 pl.
New records from Ceylon; an Indian-E. African *Tortula*; notes on some spp. of *Pseudosymbplepharis*, *Tortella* and *Hypnum* from Nilghiris and Ceylon.
- UDAR, Ram & V. NATH, *Studies in South Indian Hepaticae. 4. Leucolejeunea xanthocarpa* (Lehm. et Lindenb.) Evans - new to Indian flora. Bull. Bot. Surv. India 17 (1975; publ. 1978) 180-182, 29 fig.
- & S.C. SRIVASTAVA, *Notes on south Indian Hepaticae. 2. The genus Herberta* Gray. J. Bomb. Nat. Hist. Soc. 74 (1977) 255-263, 29 fig.
Key to 4 spp. (3 described).

- VOHRA, J.N. *Plagiothecium dehradunense* Vohra - a new species of moss from Dehra Dun (U.P.), India. Bull.Bot.Surv.India 16 (publ. 1977) 139-141, 17 fig.
- WATANABE, R. A note on *Thuidium blepharophyllum* (C.Muell.) Jaeg. and *T. dodabettense* Fleisch. from India. Misc.Bryol.et Lichen. 8 (1978) 37-39, 1 fig.
- WU, Pan-cheng & Pan-juan LIN, A preliminary observation on the Hepaticae of the island Hainan, China and their phytogeographical relationships. Acta Phytotax.Sin. 16, no 2 (1978) 56-71, 10 fig. & maps. English summary. Some new spp. and records; 3 genera are new records for China; Lejeuneaceae of Hainan represent 50% of the Chinese spp.; general remarks on plant geography.
- & Jian-shing LOU, Studies on the epiphyllous liverworts of China (II). The epiphyllous liverworts from Tibet. Acta Phytotax.Sin. 16, no 4 (1978) 102-112, 6 fig. Several new Lejeuneaceae.
- ZANTEN, B.O.van, New combinations in the genus *Dawsonia* R.Brown. Lindbergia 4 (1977) 133. Australian taxa.
- d) Pteridophytes :
- BHARDWAJA, T.N. & S.K.SEN, Occurrence of water fern *Marsilea* near Digha sea beach in West Bengal (India). J.Bomb.Nat.Hist.Soc. 74 (1977) 392-393.
- BHARGAVAN, P. Studies on South Indian ferns - I. *Tectaria vasta* (Bl.) Copel. (Aspidiaceae) - A new record for South India. Bull.Bot.Surv. India 16 (publ. 1977) 150.
- BIERHORST, D.W. Introgression in *Trichomanes*. Amer.J.Bot. 64 (1977) 1225-1234, 17 fig., 1 tab. Two W. Pacific species, *T. dentatum* and *T. polystromaticum*, + ecologically exclusive.
- BOLE, P.V. & M.R.ALMEIDA, Four new species of Pteridophytes from Bombay Presidency. J.Bomb.Nat.Hist.Soc. 74 (1977) 320-325, 4 fig.
- BROWNSEY, P.J. *Asplenium* hybrids in the New Zealand flora. New Zeal.J.Bot. 15 (1977) 601-637, 27 fig. 19 hybrids.
- A note on the identity of *Asplenium triste* Raoul. New Zeal.J.Bot. 16 (1978) 281-282. Reduced to *A. lyallii* (Hook. f.) Moore.
- CHANDRA, S. Rhizome morphology of two lomariopsid ferns endemic to the Philippines. Kalikasan 6 (1977) 55-62, 2 fig.

- CHING, Ren-chang, *The Chinese fern families and genera: systematic arrangement and historical origin*. Acta Phytotax. Sin. 16, no 3 (1978) 1-19. Enumeration; all genera typified. Discussion in Chinese.
- *Ditto (cont.)*. Acta Phytotax. Sin. 16, no 4 (1978) 16-37, 1 fig. Several new families distinguished; 8 new genera (all splits) with many new combinations.
- *Tricholepidium Ching, a new genus of the Polypodiaceae in Asia*. Acta Phytotax. Geobot. 29 (1978) 41-46. Key to 10 spp.; several new comb. and new spp. All Indo-Malesia, mainly China.
- DeVOL, Ch. E. & Chen-meng KUO, *Ctenopteris brevivenosa (v.A.v.R.) Holtt., a grammitid fern new to Taiwan*. Taiwaniana 23 (1978) 56-57, 1 fig. Descr. and record of *C. brevivenosa*; key to the 6 spp. of this genus in Taiwan.
- DIXIT, R. D. & A. DAS, *Coniogramme subcordata Copel. - A new record of fern for India*. Bull. Bot. Surv. India 17 (1975; publ. 1978) 184-186, 5 fig.
- FLENLEY, J. R. & R. J. MORLEY, *Isoetes in Sumatra*. J. Biogeography 5 (1978) 57-58. *Isoetes* n.sp. (yet undescribed) from shallow lakes Sati and Landah Panjang in Central Sumatra (slope Mt. Kerintji) at 2080 m altitude. Rare on the site.
- GENA, C. B., P. L. MITAL & T. N. BHARDWAJA, *Isoetes in Rajasthan*. J. Bomb. Nat. Hist. Soc. 73 (publ. 1977) 559-562, 1 pl. 2 forms (unnamed).
- GILLI, A. *Beiträge zur Flora von Papua-Neu Guinea. I. Bryophyta, Pteridophyta und Coniferae*. Ann. Naturhist. Mus. Wien 81 (1978) 19-29. Based on collections by ethnobotanist H. C. Desedla in 1970 in Mt. Hagen area and author's collections in 1974 in Goroka to Laiagam, Wewak and Sepik. Several new spp. of ferns, and a *Selaginella* among the Pteridophytes.
- GOULDING, J. H. *Early publications and exhibits of New Zealand ferns and the work of Eric Craig*. Rec. Auckl. Inst. Mus. 14 (1977) 63-79, 16 fig. Producer of fern albums.
- HOLTTUM, R. E. *The taxonomy of Indian ferns*. Phytomorphology 24 (publ. 1975) 314-321. Evaluation of Nayar & Kaur's 'Companion to Beddome's Ferns of Southern India'.
- *The family Thelypteridaceae in the Pacific and Australasia*. Allertonia 1, no 3 (1977) 169-234, 10 fig. Keys to genera and species; sprinkling of new species and new combinations.
- *The morphology and taxonomy of Angiopteris (Marattiaceae) with description of a new species*. Kew Bull. 32 (1978) 587-594, 2 fig. Characters which may be useful for specific delimitation; one Bor-

nean species redescribed; 1 new sp. from New Guinea (both after cultivated specimens at Kew).

- & E.HENNIPMAN, *Lomariopsis* Group. Fl.Males. II, 1 (29 Dec. 1978) 255-330, fig. 1-33.
Revision of 6 genera: *Lomariopsis* (5 spp.), *Thysanosoria* (1 sp.), *Teratophyllum* (10 spp.), *Lomagrumma* (11 spp.), *Elaphoglossum* (50 spp., 1 new, 1 new name, 1 new var.), and *Bolbitis* (11 spp. and 5 hybrids).
- IWATSUKI, K. *Notes on Asiatic Pteridophytes*. 1. Acta Phytotax. Geobot. 28 (1977) 160-179, 3 + 3 fig.
2 reductions; 2 new infraspecific taxa.
- & M.G.PRICE, *The Pteridophytes of Mt. Burnay and vicinity, N. Luzon*. South East Asian Studies 14 (1977) 540-572, 5 fig.
Report on the 1975 Filipino-Japan expedition to the non-volcanic Mt. Burnay (2050 m alt.). *Pinus* stands and on the W much grassland (with *Thelymitra*); topzone with mossy forest on ridges; 199 spp. of Pteridophytes collected and listed. Here also the separation between Taiwan and Luzon expressed; 15 spp. from Taiwan just occur here; they are supposed to be recent, not relict.
- JONES, D.L. *Growing tree ferns. Their cultivation*. Austr. Plants 9, no 72 (1977) 169-170.
Experience in S. Victoria.
- KHULLAR, S.P. & S.C.GUPTA, *Cytotaxonomy of the genus Polystichum in the Western Himalayas*. Pl.Syst.Evol. 129 (1978) 269-275, 11 fig.
Critical remarks on some spp. as a result of cytotaxonomical data.
- KUO, Chen-meng & Yuan-chuen JENG, *Pseudophegopteris aurita* (Hook.) Ching, a *thelypteroid* fern new to Taiwan. Taiwanica 23 (1978) 58-59, 1 fig.
New record; key to the 3 spp. in Taiwan.
- LIEW, Fah-seong, *A list of the Pteridophytes found in the Yangmingshan area in northern Taiwan, with a note on their phytogeography*. Quart.J.Taiwan Mus. 30 (1977) 231-251, 4 fig. & maps.
Species listed by name; ancestral tree of Taiwan Pteridophytes.
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Important observations on many species.
- LORENCE, D.H. *The Pteridophytes of Mauritius (Indian Ocean): ecology and distribution*. Bot.J.Linn.Soc. 76 (1978) 207-257, 1 fig.
Census and geographical analysis.
- LOVIS, J.D. *Evolutionary patterns and processes in ferns*. In: R.D.Preston & H.W.Woolhouse (eds.), *Advances in Botanical Research*, vol. 4 (1977) 229-415, 23 fig., 3 tab. Acad.Press Inc. London.
Important general account; fossil record; cytology; apomixis; polyploids.

- NAIR, N.C. & R.K.GHOSH, *Pteris heteromorpha* Fée, a new record for India. Indian For. 104 (1978) 374-376, 4 fig.
- & ----- *Pteris quadriaurita* Retz. and a few related taxa in Kerala State. J.Bomb.Nat.Hist.Soc. 73 (publ. 1977) 438-443.
- & ----- Does *Adiantum aethiopicum* Linn. exist in India? J.Bomb.Nat.Hist.Soc. 75 (1978) 244-246, 6 fig.
Indian taxon is *A. thalictroides* Willd.; key to 2 spp.
- & K.NAG, A new species of *Polystichum* from Shillong (Meghalaya). J.Bomb.Nat.Hist.Soc. 75 (1978) 153-156, 8 fig.
- PARRIS, B.S. A naturally occurring intergeneric hybrid in Grammitidaceae (Filicales): *Ctenopteris heterophylla* x *Grammitis billardieri*. New Zeal.J.Bot. 15 (1977) 597-599, 1 fig., 1 tab.
- A new species of *Doodia* R.Br. (Blechnaceae: Filicales) from New Guinea. Blumea 24 (1979) 505-506, 1 fig.
- PICHI SERMOLLI, R.E.G. Fragmenta Pteridologiae. VII. Webbia 32 (1977) 69-93, 5 fig.
Mostly African spp.; some critical remarks on Hymenophyllaceae affecting Malesian pteridophytes.
- *Pteridophytorum nomina generica invalida*. Webbia 32 (1978) 341-353.
Large name list, supplementary to the Tentamen of the author in Webbia 31 (1977).
- PIGGOTT, A.G. The fern flora of Gunong Telapak Burok. Malayan Nat.J. 31 (1977) 93-112, 2 tab.
109 spp. discussed; identification checked by Holttum.
- SAFUI, B. & R.K.GHOSH, *Ophioglossum polyphyllum* A.Br. - A new record for Eastern Himalaya. Bull.Bot.Surv.India 17 (1975; publ. 1978) 159-160.
- SAHASHI, N. Morphological and taxonomical studies on Ophioglossales in Japan and the adjacent regions (1). *Botrychium boreale* from Hokkaido. J.Jap.Bot. 53 (1978) 51-60, 7 fig. & map.
- SARVELA, J. A synopsis of the fern genus *Gymnocarpium*. Ann.Bot.Fennici 15 (1978) 101-106.
Key to (6) species and subspecies and 2 hybrids; *Currania* Copel. reduced to subgeneric level.
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- TAGAWA, M. & K.IWATSUKI, New or interesting ferns from Thailand. 10. Acta Phytotax.Geobot. 29 (1978) 22-24.
Various records.
- THOTHATHRI, K., S.P.BANERJEE, P.K.HAJRA & G.D.PAL, New additions to the Pteridophytic flora of India from Great Nicobar Island. J.Bomb.Nat.Hist.Soc. 74 (1977) 249-254, 2 fig. - 8 records.

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 II. A taxonomical study on *P. x miuranum* at Jinmuji, Pref. Kanagawa. Bull. Nat. Sci. Mus. Tokyo B 4 (1978) 71-82, 11 fig.

e) Spermatophytes & General subjects :

- ABDULKADIR, Subadri, *Cuka aren.* Bul. Kebun Raya 3 (1977) 73-76, 3 fig.
 In Indonesian. Data on production of palm wine.
- ABEDIN, Sultanul, *Sterculiaceae*. Fl. West Pakistan 99 (1976; recvd Feb. 1978) 1-24, 6 fig.
 A few weeds (*Melhania*, *Helicteres*), but almost all tree genera introduced.
- * ADISOEMARTO, S. & S. SASTRAPRADJA (Red.), *Sumber Protein Hewani*. Lembaga Biologi Nasional, LIPI, Bogor (LBN 2) (1977) 131 pp., illus.
 Semi-popular introduction to animal proteins.
- AGALOOS, L.C. & P.M. NEPOMUCENO, *Ecology of Calauit Island*. Sylvatrop. Philip. For. Res. J. 2 (1977) 163-178, 1 map, 1 tab.
 Islet located off NW. Busuanga mainland, Prov. of Palawan, 12°18'N 119°54' E. Name list of 139 spp. Map shows mainly grassland, bamboo and molave forest; also mangrove. Grassland *Thameda/Imperata* and *Andropogon/Imperata* associations.
- AHMAD, K.J. *Epidermal hairs of Acanthaceae*. Blumea 24 (1978) 101-117, 101 fig., 1 tab.
 109 spp. examined; no support for Bremekamp's splitting of the family s.l. into four.
- AHMAD, S. Bt. *Pretreatment of Dialium (keranji) and Sindora (sepetir) seeds to promote germination*. Malays. For. 41 (1978) 26-28, 1 tab.
- AKKERMANS, A.D.L. *Root nodule symbioses in non-Leguminous N₂-fixing plants*. In: Dommergues & Krupa (eds.), *Developments in Agricultural and Managed Forest Ecology* 4 (1978) 225-372.
 Review of the ecology of the endophytes.
- , S. ABDULKADIR & M.J. TRINICK, *N₂-fixing root nodules in Ulmaceae: Parasponia or (and) Trema species?* Plant & Soil 49 (1978) 711-715.
- ALEYKUTTY, K.M. & J.A. INAMDAR, *Cabomba aquatica Aubl., a new record for India from Kerala*. Curr. Sci. 47 (1978) 136-137, 5 fig.
 Introduction from America.
- * ALI, S.I. *Papilionaceae*. Fl. West Pakistan 100 (1977; recd. Feb. 1978) 389 pp., 48 fig.
 A large work; separate key to the tribes and an artificial key to the genera, and within the tribes also keys to the genera. Reductions; a light sprinkling of new, infraspecific names; *Astragalus* with 133 spp. the largest genus.

- * ANONYMUS, *A Dictionary of the generic and family names of flowering plants and ferns for the New Guinea and south-west Pacific region*. Compiled by staff members at the Div. of Botany, Lae. Bot.Bull. no 3 (March 1973) 134 pp.
Generic names arranged by families.
- ANONYMUS (Cooperation Group of Parashorea chin.), *A rare and valuable new tree discovered in Yunnan, Parashorea chinensis*. Acta Phytotax.Sin. 15, no 2 (1977) 10-21, 5 fig., 3 tab.
In Chinese. Parashorea chinensis Wang Hsie, n.sp.
- ANONYMUS ('Chingtienshu' Research Group), *A rare and valuable forest tree from Kwangsi, Parashorea chinensis var. kwangsiensis*. Acta Phytotax. Sin. 15, no 2 (1977) 22-30, 4 tab.
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- * ANONYMUS, *Flora Hainanica*. Vol. 4 (1977) 644 pp., fig. 943-1272.
In Chinese. This large volume is issued by the Botanical Institute. From the addenda, in which additional novelties and new combinations are described, under author's names it appears that they are mainly Messrs. C.Y.Wu, H.W.Li, Y.C.Huang, T.L.Wu, Chun, How, Wang, Tang, L.K.Dai, S.M.Huang, Keng Yi-li, Chia Liang-chi, Chen Shou-liang. Drawings at $\frac{1}{4}$ page size are excellent. The Index is cumulative for all names in the four volumes.
- ANONYMUS, *Protection of wild life in peninsular Malaysia*. Nature Malaysia 3, no 2 (1978) 4-9, col.phot.
Explanation of the laws about protected plants and animals.
- * ANONYMUS, *Nature conservation in Irian Jaya. General information and proposals for establishment of new conservation areas*. Field Report no 9 of UNDP/FAO, Nature Conservation & Wildlife Management Project INS/73/013, Bogor (May 1978) 49 pp., 11 phot., 8 maps.
- AREKAL, G.D. & G.R.SHIVAMURTHY, '*Seed*' germination in *Balanophora abbreviata*. Phytomorphology 26 (1976) 135-138, 2 fig.
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- ASHTON, P.S. *A contribution of rain forest research to evolutionary theory*. Ann.Mo.Bot.Gard. 64 (1977) 694-705, 5 fig.
Speciation of Dipterocarpaceae in Borneo; barriers for distribution. Maximum density of tree species approached in West Malesian forests; possible role of apomixis.
- *Apomixis may be widespread among trees of the climax rain forest*. Nature 271 (1978) 440-442.
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- *Crown characteristics of tropical trees* (1978) — Reviewed on page 3251.
- ASTON, H.I. *The species of Paronychia (Caryoph.) in Victoria*. Muelleria 3 (1977) 209-214, 1 fig.
2 naturalized spp.
- AUSTIN, D.F. *The Ipomoea batatas complex. I. Taxonomy*. Bull. Torrey Bot. Club 105 (1978) 114-129, 15 fig. (6 maps), 1 tab.
Key to 13 spp. of Ipomoea (Convolv.).
- *The Coconut in Florida*. Principes 22 (1978) 83-87, 1 map.
History of introduction in the New World.
- , D.A. POWELL & D.H. NICOLSON, *Stictocardia tiliifolia (Convolvulaceae) re-evaluated*. Brittonia 30 (1978) 195-198, 1 fig.
It is concluded that the name Ipomoea illustris must give way to the earlier I. campanulata L. 1753, based on Adamboe Rheede, by which it is lectotypified here.
- AZAD, A.R. & G.N. JAVEID, *Carduus tenuiflorus Curtis: an addition to the flora of India (Compos.)* J. Bomb. Nat. Hist. Soc. 75 (1978) 249-251, 1 fig.
- BAAS, P. *The peculiar wood structure of Vaccinium lucidum (Bl.) Miq. (Ericaceae)*. IAWA Bull. (1979) no 1: 11-16, 14 fig.
Swollen stem base of water storage tissue in rain-forest epiphyte.
- BABU, C.R. *The genus Zanthoxylum Linn. (Rutaceae) in India*. Bull. Bot. Surv. India 16 (publ. 1977) 48-71.
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- BAHADUR, K.N. & S.S.R. BENNETT, *A new species of Wrightia R.Br. (Apocynaceae) from India*. Indian For. 104 (1978) 32-35, 1 fig.
- BAIJNATH, H. *A new species of Bulbine (Liliaceae) from Australia*. Brunonia 1 (1978) 117-120, 2 fig.
Key to 3 spp.
- BAKER, J.K. & S. ALLEN, *Hybrid Hibiscadelphus (Malvaceae) in the Hawaiian Islands*. Pacif. Sci. 31 (1977) 285-291, 3 fig.
- BALAKRISHNAN, N.P. *Notes on some interesting plants from Jowai, Meghalaya*. Bull. Bot. Surv. India 16 (publ. 1977) 169-173.
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- *A new Phrynium (Marantaceae) from Great Nicobar Island, India*. Blumea 24 (1978) 185-187, 1 fig.
- *Notes on some orchids from Bhutan*. J. Bomb. Nat. Hist. Soc. 75 (1978) 157-163, 4 fig.
4 spp. (1 new in Pomatocalpa); 2 new varieties.
- & B.L. BURTT, *Studies in the Gesneriaceae of the Old World. XLVI. A second Cyrtandra on the Nicobar Islands*. Not. R. Bot. Gard. Edinb. 37 (1978) 153-155, 1 fig.

- & N.G.NAIR, *New records of plants from Andaman and Nicobar Islands*. I. Indian For. 103 (1977) 638-640.
7 records.
- & K.THOTHATHRI, *Phanera nicobarica* Balakr. & Thoth. (Caesalpinia-
ceae) - A new and interesting species from Great Nicobar Island.
Bull.Bot.Surv.India 17 (1975; publ. 1978) 201-203, 12 fig.
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E.A.WEINHEIMER, *A biological reconnaissance of Tasek Pulau Langgun, a sinkhole lake in the Langkawi District, Kedah, Malaysia*. Sains
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- BANERJEE, D.K. & D.C.PAL, *Grasses of Indian Botanic Garden*. Bull.Bot.Surv.
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Name list.
- BANERJEE, S.P. & B.B.PRAMANIK, *A taxonomic revision of Indo-Burmese Tricho-
desma R.Br. (Boraginaceae)*. Bull.Bot.Surv.India 17 (1975; publ.
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- BANGERTER, E.B. *New and interesting records of adventive plants from the
Auckland Institute and Museum Herbarium* 3. Rec.Auckl.Inst.Mus. 14
(1977) 57-62.
18 records of newly introduced plants.
- BARBOSA-FEVEREIRO, V.P. *Centrosema (A.P.de Candolle) Benth. do Brasil*.
Leguminosae-Faboideae. Rodriguésia 29, no 42 (1977) 159-219, 105
fig. & maps.
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- BARKER, W.R. *Taxonomic studies in Stackhousia Sm. (Stackhousiaceae) in
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- *The species of Malva L. and Lavatera L. (Malvaceae) naturalized in
South Australia*. J.Adelaide Bot.Gard. 1 (1977) 107-114.
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- BARTLETT, J.K. *Parahebe catarractae (Scroph.) in the Kauaeranga Valley,
Coromandel Peninsula, New Zealand*. New Zeal.J.Bot. 16 (1978) 279-
280.
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- BASAK, R.K. *Distribution of carnivorous plants in West Bengal*. Bull.Bot.
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Annotated catalogue.
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- & ----- *Outrageously presumptuous! Breadfruit, Artocarpus altilis (J.P. du Roi) Deg. & Deg. and Tahiti-Chestnut, Inocarpus fagifer (J.P. du Roi) Deg. & Deg. (Legum.)* Phytologia 39 (1978) 143-146, fig. 2 new combinations, both superfluous and illegitimate.
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- & P.J. GRUBB, *Studies of mineral cycling in a montane rain forest in New Guinea. I. The distribution of organic matter in the vegetation and soil.* J.Ecol. 65 (1977) 943-969, 4 fig., 1 pl., 9 tab.
- *EICHLER, H. *Guidelines for the preparation of botanical taxonomic papers.* CSIRO (1977) 28 pp.
An exhaustive manual, of importance for the expected Flora Australiensis series.
- ELLIS, J.L. & M.S. SWAMINATHAN, *Trifolium cernuum* Brot. - A new entrant to Indian flora (Legum.) Bull.Bot.Surv.India 17 (1975; publ. 1978) 186-187, 6 fig.
Key to 4 allied species.
- ENDRESS, P.K. *Stipules in Rhodoleia (Hamamelidaceae).* Pl.Syst.Evol. 130 (1978) 157-160, 11 fig.
- ESLER, A.E. *Botanical features of islands near the west coast of the Coromandel Peninsula, New Zealand.* New Zeal.J.Bot. 16 (1978) 25-44, 5 fig.
Short sketches of vegetation and species on 28 islets.
- ESSIG, F.B. *A preliminary analysis of the Palm flora of New Guinea and the Bismarck Archipelago.* Papua New Guinea Bot. Bull. no 9 (1977) 1-39, 7 pl (with 26 photogr.), 2 maps.
Key to the 31 genera, followed by a name list of described species and from where they were described; brief comments on the status in each genus; glossary, bibliography and maps indicating type localities of collectors.
- *A systematic histological study of palm fruits. I. The Ptychosperma alliance.* Syst.Bot. 2 (1977) 151-168, 21 fig.
Anatomy of pericarp; key to the genera of the Ptychosperma alliance.
- *A revision of the genus Ptychosperma Labill. (Arecaceae).* Allertonia 1 (1978) 415-478, 9 fig. & maps.
Important revision of this largely New Guinean genus (also in Micronesia, N. Queensland, Solomons and Moluccas). Key and descr. of 28 spp. Synonym generic names: Seaforthia, Actinophloeus, Ponapea, Strongylocaryum. Large list of excluded names.
- FACHRUROZI, Z. *Apakah benar jeruk besar (Citrus grandis (L.) Osbeck) mulai menghilang* (Rutac.) Bul.Kebun Raya 3 (1978) 133-136, 2 fig.
English summary. Data on cultivation.
- FADEN, R.B. *The genus Rhopalephora Hassk. (Commelinaceae).* Phytologia 37 (1977) 479-481.
A split from Aneilema; 4 new comb.
- *Review of the lectotypification of Aneilema R.Br. (Commelinaceae).* Taxon 27 (1978) 289-298.

- FANG, Ding, *Some new taxa of Zingiberaceae from Kwangsi*. Acta Phytotax. Sin. 16, no 3 (1978) 47-53.
Several Amomum, one Hedychium.
- *Some new taxa of Zingiberaceae from Kwangsi (2)*. Acta Phytotax. Sin. 16, no 4 (1978) 77-81.
New spp. in Alpinia.
- & Nai-kuan LIANG, *A new variety of Gaultheria yunnanensis* (Eric.) Acta Phytotax. Sin. 15, no 2 (1977) 112, 1 fig.
- FARRELL, T.P. & D.H. ASHTON, *Population studies on Acacia melanoxylon R.Br. I. Variation in seed and vegetative characteristics*. Austr. J. Bot. 26 (1978) 365-379, 6 fig., 6 tab.
- FAY, J.J. *Hawaii: Extinction unmerciful*. Garden 2, no 4 (1978) 22-27, ill.
Endangered species.
- FERGUSON, I.K. *Cornaceae*. World Pollen and Spore Flora 6 (1977) 1-34, 11 fig., 1 tab.
Pollen variable in this heterogeneous family.
- *Banksia Baxteri* (Proteaceae). Curtis Bot. Mag. n.s. 182 (1978) tab. 752, 3 pp., 1 fig.
From Australia.
- *Grevillea juniperina f. sulphurea* (Proteaceae). Curtis Bot. Mag. n.s. 182 (1978) tab. 761, pp. 53-55, 1 fig.
From New South Wales.
- FERRÉ, Y. de, M.L. ROUANE & M. Ph. WOLTZ, *Systématique et anatomie comparée des feuilles de Taxaceae, Podocarpaceae, Cupressaceae de la Nouvelle-Calédonie*. Cah. Pacif. no 20 (Dec. 1977) 241-266, 6 fig.
Key to all species on vegetative and anatomical characters.
- FISHER, J.B. *A quantitative description of shoot development in three rattan palms*. Malays. For. 41 (1978) 280-293, 11 fig.
- & H.E. MOORE Jr, *Multiple inflorescences in palms (Arecaceae): their development and significance*. Bot. Jahrb. 98 (1977) 573-611, 76 fig.
- FOLKERSMA, H.R. *Phalaenopsis x leucorrhoda* Rehb. f. Orchideeën 40 (1978) 51-52, 2 fig.
Describes hybrid from Luzon. In Dutch.
- *Dendrochilum cobbianum* Rehb. f. (syn.: *Platyclinis cobbiana* Hemsl.). Orchideeën 40 (1978) 148-149, 1 col. phot.
Philippine species. In Dutch.
- FONG, F.W. *Mode of germination in Eugeissona tristis* Griff. Principes 22 (1978) 74-76, 3 fig., 1 tab.
Detail descr. of germination.
- FORDE, M.B. *The cultivated Dichondra* (Convolv.) New Zeal. J. Bot. 16 (1978) 283-285, 2 fig.
Besides *D. repens* there is an introduced sp., *D. micrantha* Urban from America.

- FOREMAN, D.B. *Notes on Basisperma lanceolata* C.T.White (Myrtaceae). *Brunonia* 1 (1978) 95-101, 4 fig., 1 tab.
Flower described of this New Guinean endemic genus, belonging to the *Tristania*-complex.
- *Corynocarpaceae*. In: J.S.Womersley (ed.), *Handb.Fl.Papua New Guinea* vol. 1 (1978) 111-113, fig. 51.
- *Myristicaceae* (excl. *Horsfieldia*). In: J.S.Womersley (ed.), *Handb. Fl.Papua New Guinea* vol. 1 (1978) 175-215, fig. 83-93.
Key and descriptions. *Horsfieldia* included in the key to the genera but no species recorded.
- FORMAN, L.L. *A revision of the tribe Coscinieae* Hook.f. & Thoms. (Menispermaceae). *The Menispermaceae of Malesia and adjacent areas: IX.* *Kew Bull.* 32 (1978) 323-338.
Revision of *Coscinium*, *Anamirta* and *Arcangelisia*; keys; several names reduced; no novelties.
- FOSBERG, F.R. *A fossil Garcinia fruit from the New Hebrides, Melanesia.* *Pacif.Sci.* 31 (1977) 293-297, 13 fig.
Pleistocene (carbon-dated 25,000 years).
- *Studies in the genus Boerhavia* L. (*Nyctaginaceae*), 1-5. *Smithson. Contr.Bot.* no 39 (1978) 1-20.
Infrageneric classification; key to 4 genera, incl. *Commicarpus*; typification of 2 spp.; entities in *B. repens* group and *B. rubicunda* alliance; new varieties and 2 new spp. (from Aldabra, Indian Ocean, one also in Australia); no keys.
- , M.V.C.FALANRUW & M.-H.SACHET, *Vascular Flora of the Northern Marianas Islands.* *Smithson.Contr.Bot.* no 22 (1975) 1-45, 2 maps.
- FOSTER, K.C. *Palm collecting in New Caledonia.* *Fairchild Trop.Gard.Bull.* 33, no 2 (1978) 15-21, illus.
Travel report.
- * FOX, J.J. *Harvest of the palm: ecological change in eastern Indonesia.* *Harvard Univ.Press, Cambridge, Mass./London* (1977) 290 pp.
Ethnobotanical and industrial use and importance of *Borassus* and *Corypha* in economy of the Lesser Sunda Is. Roti and Savu, Madura I., and Ceylon/India.
- * 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 timber trees from West New Guinea with anatomical and technical characteristics.
- GAFF, D.F. & P.K.LATZ, *The occurrence of resurrection plants in the Australian flora.* *Austr.J.Bot.* 26 (1978) 485-492, 1 map, 2 tab.
25 spp. have foliage that can revive after dehydration, mostly grasses, or ferns (of *Cheilanthes*); only one dicotyledon (*Boea hygroskopica*, Gesn.).

- GARAY, L.A. *On the systematics of monopodial Orchids. I.* Bot. Mus. Leaflet. Harv. 23 (1972) 149-212.
Brief discussion on systematical trends and use of characters in this large, mainly Malesian Old World group. Commentaries on 60 genera, several new or re-instated, all typified and critically dated. Many new combinations. To this alphabetically arranged list there is unfortunately no key attached. Very important paper.
- GARDNER, R.O. *Systematic notes on the Alseuosmiaceae.* Blumea 24 (1978) 138-142, 1 fig., 1 pl.
New family description and key to 3 genera; ample notes on New Caledonian Periomphale to which Pachydiscus is reduced.
- *The species of Alseuosmia (Alseuosmiaceae).* New Zeal. J. Bot. 16 (1978) 271-277, 3 fig., 1 tab.
1 new species; hybrids; key to 4 spp.
- GARNOCK-JONES, P.J. *Rorippa (Cruciferae, Arabideae) in New Zealand.* New Zeal. J. Bot. 16 (1978) 119-122, 1 fig. (maps).
Key to 4 spp. (1 new comb.).
- GEERINCK, D.J.L. *Iridaceae.* Fl. Males. I, 8 (1977) 77-84, 6 fig.
6 genera (4 only with naturalized spp.); native Patersonia (1 sp.), Sisyrinchium (2 spp.; the New Guinean Libertia pulchella arranged under Sisyrinchium).
- * GEESINK, R. *Key to the genera and some species of the SE. Asiatic Leguminosae-Faboideae "Papilionaceae".* Publ. Rijksherbarium Leiden (1978) 15 pp., 4° offset.
To replace an earlier stencilled edition published as Misc. Records Fl. Males. Found. no 4.
- GENTRY, A.H. *Floristic knowledge and needs in Pacific tropical America.* Brittonia 30 (1978) 134-153, 1 map, 3 tab.
Survey of state of affairs in the various countries. Need of intensive floristic studies, especially wet-forest environment. Compilation of local checklists is encouraged.
- GEORGE, A.S. *Notes on the vegetation and flora of the Cape Londonderry Peninsula, North Kimberley, Western Australia.* W. Austr. Herb. Res. Notes no 1 (1978) 1-15, 14 fig.
Plant list.
- * ----- & H.E. FOOTE, *Orchids of western Australia.* Westviews Pty. Ltd., W. Australia. Photographs by H.E. Foote. \$2.
A 32-page paperback with brief notes and coloured photographs.
- & R.J. HNATIUK, *A vegetation and flora reconnaissance of Avon location 19769.* W. Austr. Herb. Res. Notes no 1 (1978) 19-27, 11 fig.
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- & K.F. KENNEALLY, *The flora of the Prince Regent River Reserve, North-Western Kimberley, Western Australia.* In: J.M. Miles & A.A. Burbidge (eds.), Wildlife Research Bull. (Perth) 3 (1974) 31-68.
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genera newly recorded for Western Australia. All plants listed, incl. Fungi, Lichenes, Ferns.

- GHAZANFAR, S.A. *Saxifragaceae*. Flora of West Pakistan no 108 (April 1977) 29 pp., 5 fig.
Astilbe, Bergenia, Saxifraga (18 spp.).
- *Haloragidaceae*. Flora of West Pakistan no 113 (Sept. 1977) 4 pp., 1 fig.
2 Myriophyllum.
- *Pontederiaceae*. Flora of West Pakistan no 114 (Nov. 1977) 4 pp., 1 fig.
1 Eichhornia, 1 Monochoria.
- *Ebenaceae*. Flora of West Pakistan no 116 (Jan. 1978) 1-3, 1 fig.
- GHOSH, P.K. & S.K. ROY, *Fossil wood of Canarium from the Tertiary of West Bengal, India*. Curr.Sci. 47 (1978) 804-805, 2 fig.
- GHOSH, R.B., R.N. BANERJEE & A.K. GHOSH, *Eupatorium erythropappum Robinson, a new record for India* (Comp.) J.Bomb.Nat.Hist.Soc. 73 (publ. 1977) 554-556, 1 fig.
Introduced from Mexico.
- , D.C.S. RAJU & D.K. BANERJEE, *On a collection of plants from Garo Hills of Assam*. Indian For. 104 (1978) 106-122.
Name list of 467 spp.
- GIESBERGER, G. *Het optreden van een vertakte bloeiwijze bij Oberonia rufilabris Lindl.: een teratologische monstrositeit of een mutatie?* Orchideeën 40 (1978) 48-51, 2 fig.
In Dutch. Detail description of branched inflorescence. From Nepal.
- GILL, A.M. & P.B. TOMLINSON, *Studies on the growth of Red Mangrove (Rhizophora mangle L.). 4. The adult root system*. Biotropica 9 (1977) 145-155, 26 fig., 1 tab.
Detail morphology and anatomy.
- GILLI, A. *Beiträge zur Flora von Papua-Neu Guinea. I. Bryophyta, Pteridophyta und Coniferae*. Ann.Naturhist.Mus.Wien 81 (1978) 19-29.
Based on coll. by ethnobotanist H.C. Desedla in Mt. Hagen area (1970-71) and author's coll. in 1974 in Goroka to Laiagam, Wewak and Sepik. Record of 3 conifers.
- GOLDING, J. *Begonia nomenclature notes, 2. The Begonia in Wallich's numerical list*. Phytologia 40 (1978) 7-20.
Evaluation and correct naming.
- GOULD, E. *Foraging behavior of Malaysian nectar-feeding bats*. Biotropica 10 (1978) 184-193, 7 fig.
Details on bats visiting flowers of Oroxylum indicum.
- GRAY, A. *Lowly plants from W.A. - For rockeries and borders*. Austr.Plants 9, no 72 (1977) 179-183, 2 phot.
Acacia, Goodeniaceae, Leguminosae.

- GREEN, P.S. *Ligustrum compactum* var. *velutinum* (Oleaceae). Curtis Bot. Mag. n.s. 182 (1978) tab. 759, pp. 45-47, 1 fig.
From Tibet.
- GREENWOOD, R.M. & I.A.E. ATKINSON, *Evolution of divaricating plants in New Zealand in relation to moa browsing*. Proc. New Zeal. Ecol. Soc. 24 (1977) 21-33, 3 fig., 1 tab.
New suggestion to explain the divaricates.
- GREGORY, T. *Some thoughts on Sarcochilus hartmannii* F. Muell. The Orchadian 6, no 1 (1978) 8-9, 1 fig.
Rare Australian species; growing conditions.
- GRIERSON, A.J.C. & D.G. LONG, *Notes relating to the Flora of Bhutan: I*. Not. R. Bot. Gard. Edinb. 36 (1978) 139-150, 3 fig. (2 maps), 1 tab.
On Solanaceae, Boraginaceae, Lauraceae (*Lindera* n.sp., *Litsea* n.sp.).
- GUPTA, R.K. *Seedling morphology and phytomass of Bauhinia retusa* Buch.-Ham. ex Roxb., a promising species for reforestation of limestone spoils in W. Himalaya. Indian For. 104 (1978) 385-490, 5 tab.
- GUPTA, V.B. *On a collection of grasses from Bari-Bareli Range (Raisen District), M.P.* Bull. Bot. Surv. India 17 (1975; publ. 1978) 71-74.
Name list.
- HAAS, J.E. *The Pacific species of Pittosporum Banks ex Gaertn. (Pittosporaceae)*. Allertonia 1 (1977) 73-167, 20 fig.
Morphology, pollen, etc.; key to 24 spp. (23 endemic to Pacific, except Solomons and New Caledonia); none new; some new forms.
- HALLÉ, F. *Arbres et forêts des îles Marquises*. Cah. Pacif. no 21 (Sept. 1978) 315-357, 5 phot., 8 fig.
Sketches of habits. Most trees introduced; native ones only a few of the Barringtonia formation. List of some plants, amongst them Trimenia, Weinmannia, Geniostoma, etc.
- *Architectural variation at the specific level in tropical trees* (1978) — Reviewed on page 3252.
- * HALLÉ, N. *Orchidacées*. Fl. de la Nouvelle Calédonie et dépendances 8 (1977) 1-565, 218 pl., 172 cartes.
Beautiful, detailed, amply illustrated revision; many new species and combinations; 69 genera and 191 species recognized.
- *Illustration de deux rares Balanophoracées d'Afrique équatoriale appartenant aux genres Chlamydoxylum Mildbr. et Balanophora Forst.* Adansonia 17/3 (1978) 249-261, 8 pl.
Incl. B. abbreviata Bl. from the New Hebrides and Congo (on Ficus!).
- HAMASHIMA, S. *Seed germination of three Lemna species*. J. Jap. Bot. 53 (1978) 28-31, 1 fig.
- HARA, H. *New or noteworthy flowering plants from Eastern Himalaya (20)*. J. Jap. Bot. 52 (1977) 353-359, 2 fig.
Various novelties from Nepal.

- *New or noteworthy flowering plants from Eastern Himalaya* (21). J. Jap.Bot. 53 (1978) 134-140, 2 fig.
Various records; 2 new comb. in *Persicaria* (Polygon.); *Glabricarya* new genus (Cruc.); *Rubus* records; *Codonopsis* n.sp. (Campan.).
- *Comments on the East Asiatic plants* (4). J.Jap.Bot. 52 (1977) 257-262.
Critical notes on c. 6 spp.; some new varieties.
- *Ditto* (5). J.Jap.Bot. 53 (1978) 232-238.
Odd spp.; some infraspecific new taxa in *Malus*, *Sanguisorba* and *Lathyrus*. Synonymy of *Hygrophila salicifolia* (Acanth.).
- *----- , W.T.STEARN & L.H.J.WILLIAMS, *An enumeration of the flowering plants of Nepal*. Vol. 1. Trustees Brit.Mus.(Nat.Hist.) London (1978) 154 pp., 7 maps.
Important work; history of collection; plant collectors and their localities; maps with main routes of collectors; plant list according to families of Gymnosperms and Monocots; no descr., but full synonymy; interspersed odd keys 'if specialists thought it fit to include them'; list of new names; index. It is a great pity that there hardly are any keys. The redaction agrees, but excuses this in saying (p. 22): "the consistent making and testing of keys, particularly in large and complex genera such as *Dioscorea*, *Hedychium*, *Impatiens*, *Juncus* and *Pedicularis*, would have lengthened the preparation of the Enumeration indefinitely". I must say that I partially agree with the extension of the working-time, but that on the other hand I cannot fully understand how a really critical enumeration can be made without the compiler knowing how to distinguish the species. Anyway keys could then have been added for the smaller genera, which would have enhanced the usefulness of this work.—v.St.
- HARRISON, P. *Can Indonesia farm the swamps?* New Scientist 76 (1977) 804-805, 2 photogr.
Brief report on the experience of transmigration of Javanese to the Upang delta (E. Sumatra between the Musi and Upang R.), where 1600 families are present; area 26,000 ha peat soil, 80 cm deep. The project meets with difficulties.
- HARTLEY, T.G. *A revision of the genus Bosistoa (Rutaceae)*. J.Arn.Arb. 58 (1977) 416-436, 4 fig., 3 maps.
Key to 7 spp. (some new) of this Australian genus; *Pagetia* F.v.M. reduced.
- *A revision of the genus Tetractomia (Rutaceae)*. J.Arn.Arb. 60 (1979) 127-153, 5 fig.
Terminthodia reduced; 6 spp. recognized and keyed out (3 new, 1 from Celebes, 1 from Papua, 1 from Solomons). The W. Malesian spp. are very variable with many forms and many synonyms.
- HASELDONCKX, P. *The palynology of a Holocene marginal peat swamp environment in Johore, Malaysia*. Review Palaeobot.Palyn. 24 (1977) 227-238, 3 fig. - Coastal, riverine and aquatics mixed.

- HASSALL, D.C. *The genus Euphorbia in Australia*. Austr.J.Bot. 25 (1977) 429-453, 7 fig.
7 native spp. (some new), one also in Malesia (*E. plumerioides* T. & B.; littoral mostly).
- HAWKES, J.G. (ed.), *Systematic notes on the Solanaceae*. Bot.J.Linn.Soc. 76 (1978) 287-295, 2 fig.
Typification and name changes of 4 Old World spp. (by Hepper); some new comb. of Indian taxa of *Lycianthes* mostly consisting of reducing names to *L. laevis* as new subspecies. Amongst them is *L. lysimachoides*, which is rather surprising as it grows in Java together with *L. laevis*, but can be distinguished immediately in the field.—v.St.
- HAWKESWOOD, T.J. *The genus Lissanthe* R.Br. (Epacrid.) Austr.Plants 9, no 71 (1977) 125-131, 2 pl., 1 phot.
Key to the 2 spp.
- HEGERL, E.J. & J.D.S.DAVIE, *The mangrove forests of Cairns, Northern Australia*. Marine Res.Indon. no 18 (1977) 23-57, 3 fig., 1 tab.
Zonation; fauna; conservation problems.
- * HEISER Jr, Ch.B. *The Sunflower*. Univ.Oklahoma Press, Norman (1976) xxi + 198 pp., 74 fig. (unnumbered, 11 in color).
Incl. the taxonomy of *Helianthus* (Comp.) with key to spp.; descr. hybrids.
- HENDERSON, R.J.F. *Eremophila linsmithii*, a new species of *Myoporaceae* from Queensland. J.Adelaide Bot.Gard. 1 (1978) 171-174, 1 fig.
- HENRY, A.N. & M.CHANDRABOSE, *A new variety of Neanotis monosperma* (Wt. & Arn.) Lewis (*Rubiaceae*) from South India. Bull.Bot.Surv.India 17 (1975; publ. 1978) 188-189, 5 fig.
- HENTY, E.E. *Polygonaceae*. In: J.S.Womersley (ed.), *Handb.Fl.Papua New Guinea* vol. 1 (1978) 222-248, fig. 96-109.
Keys and descriptions.
- HICKMAN, J.C. & C.S.HICKMAN, *Polygonum perfoliatum*: a recent Asiatic adventive. Bartonian no 45 (1978) 18-23, 2 fig.
Introduced in SE. Pennsylvania.
- HICKS, A.J. & P.M.HICKS, *A selected bibliography of plant collection and herbarium curation*. Taxon 27 (1978) 63-99.
784 entries, so plenty of choice and suggestions.
- HIDAJAT, E. *Pohon cengkudu (Morinda citrifolia L.) dan manfaatnya, khususnya sebagai obat tradisional*. Bul.Kebun Raya 3 (1978) 141-144, 2 fig.
English summary. Data on medicinal uses.
- HIEPKO, P. *Die erhaltenen Teile der Sammlungen des Botanischen Museums Berlin-Dahlem (B) aus der Zeit vor 1943. De Herbario Berolinensi Notulae No. 1*. Willdenowia 8 (1978) 389-400.
Arranged by families.

- *Opiliaceae of Thailand*. Nat.Hist.Bull.Siam Soc. 27 (1978) 115-132, 7 fig. & maps.
Key to 6 genera and 7 spp., all except 1 genus with 2 spp. also in Malesia. Full synonymy and specimens; no descriptions.
- & H.C.WEBER, *Zur Wuchsform und Haustorienbildung des Wurzelparasiten Cansjera rheedii Gmel. (Opiliaceae)*. Willdenowia 8 (1978) 351-362, 7 Abb.
- HILL, R.D. *The vegetation map of Singapore: A first approximation*. J.Trop. Geography 45 (1977) 26-33, 1 fig., 1 tab., 8 pl., 1 col. veget. map. Detailed physiognomic map, 1:50,000; 3 original types (mangrove, lowland swamp- and lowland rain-forest; together only 0.31% of the surface), 4 degraded types (total 23.27%) and other types occupied by man and cultures.
- HOCKINGS, F.D. *Banksias. Propagation and culture* (Proteac.) Austr.Plants 9, no 71 (1977) 95-103, 3 phot.
Contains many ecological details; sensitivity for nutrients.
- *Rainforest plants as garden plants*. Austr.Plants 9 (1978) 335-347, 13 col.phot.
Australian species; experiences.
- * HOLDSWORTH, D.K. *Medicinal plants of Papua New Guinea*. South Pac.Comm., Techn.Paper no 175 (1977) 123 pp.
- HONG, De-yuang, *The taxometric study of Veronica ciliata Fisch. group (Scrophulariaceae)*. Acta Phytotax.Sin. 16, no 3 (1978) 20-24, 1 map. 2 spp. and 2 subspp. (2 new).
- HONG, L.T. *Endotrophic symbionts of Araucaria in Malaysia*. Malays.For. 41 (1978) 225-236, 6 fig., 1 tab.
A. cunninghamii and A. hunsteinii associated with Endogone spp.
- HOPPER, S.D. *A new species of Anigozanthos Labill. from the Murchison River sandheaths of Western Australia* (Haemod.) Nuytsia 2 (1978) 181-183, 1 fig.
- *Nomenclatural notes and new taxa in the Conostylis aculeata group (Haemodoraceae)*. Nuytsia 2 (1978) 254-264, 5 fig.
Key to 7 spp. of the aculeata group.
- & N.A.CAMPBELL, *A multivariate morphometric study of species relationships in Kangaroo Paws (Anigozanthos Labill. and Macropidia Drum. ex Harv.: Haemodoraceae)*. Austr.J.Bot. 25 (1977) 523-544, 9 fig., 3 tab.
Taxonomical analysis.
- , D.J.COATES & A.H.BURBIDGE, *Natural hybridization and morphometric relationships between three mallee eucalypts in the Fitzgerald River National Park, W.A.* Austr.J.Bot. 26 (1978) 319-333, 6 fig.
Eucalyptus chrysantha is a hybrid.
- & B.R.MASLIN, *Phytogeography of Acacia in Western Australia*. Austr. J.Bot. 26 (1978) 63-78, 7 fig. & maps, 3 tab. - In W.A. c. 500 spp.

- HOU, Ding, *Florae Malesiana Praecursores LVI. Anacardiaceae*. Blumea 24 (1978) 1-41, 1 fig., 4 pl.
Important precursor to Flora Malesiana treatment; anatomy of leaves; several reductions and new spp. or new comb.; Melanorrhoea merged into Gluta; many critical observations in Mangifera, Melanochyla and Semecarpus.
- *Anacardiaceae*. Fl.Males. I, 8 (1978) 395-548, 69 fig.
Most important account since the century-old revision by Engler. Especially the revisions of Mangifera and the genera of the renghas affinity are important indeed.
- *Rhizophoraceae. Addenda*. Fl.Males. I, 8 (1978) 550-551.
Various emendanda. Rhizophora lamarckii new for Malesia and discussion of its status.
- HOWARD-WILLIAMS, C. *Swamp ecosystems*. Malay.Nat.J. 31 (1977) 113-125, 4 fig., 3 tab.
General discussion on swamps and how they should be conserved.
- HOWCROFT, N.H.S. *Dendrobium chloroleucum Schltr.* The Orchadian 5 (1977) 146, 1 fig.
Native in New Guinea.
- *A survey of orchids in natural and man-made Araucaria forests in Papua New Guinea*. The Orchadian 5 (1977) 150-152, 2 tab.
Check list of species.
- *New Guinea's Dendrobium rigidum R.Br.* The Orchadian 5 (1978) 182-183, 2 fig., 1 tab.
- *Some interesting Bulbophyllums from New Guinea Araucaria forests*. The Orchadian 6, no 1 (1978) 3-7, 3 fig.
3 spp.
- HU, Shiu-ying, *The genus Panax (Ginseng) in Chinese medicine* (Aral.) Econ.Bot. 30 (1976) 11-28.
- *A contribution to our knowledge of Ginseng* (Aral.) Amer.J.Chinese Med. 5 (1977) 1-23.
- *The origin and meaning of the generic names of Chinese orchids*. Quart.J.Taiwan Mus. 30 (1977) 123-186, 12 fig.
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Data on 4 old herbaria, among which one Indian, preserved at Chelsea Physic Garden. List of names of Australian plants collected by Cunningham omitted in Index Kewensis.
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The proper name for *Stereospermum personatum* is *S. colais* (Dillw.) Mabberley, comb. nov.
- MACDONALD, M.C. *Mount Reeves (New Zealand)*. Wellington Bot. Soc. Bull. no 40 (1978) 30-33, 1 fig.
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- *Notes on the genus Acacia in the Northern Territory*. J. Adelaide Bot. Gard. 1 (1978) 179-185, 4 fig.
7 spp. listed (4 new, 1 new comb.).
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New comb.; descr.
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17 new comb. under *Eusteralis* Rafin. (to replace *Dysophylla*).
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Reduction to another specific name.
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Variations in *D. cordata*.
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A few names of continental Asian species reduced; 3 new comb.
- *-----, J.-M. MASCHERPA & F. STAINIER, Etude taxonomique d'un groupe complexe d'espèces des genres *Phaseolus* et *Vigna* (Papilionaceae) sur la base de données morphologiques et polliniques, traitées par l'analyse informatique. Boissiera 28 (1978) 1-273, 50 fig., 22 tab. 70 phot.
Critical studies of *Phaseolus*, *Vigna*, *Macroptilium*, *Ramirezella*, *Physostigma*, *Vatovaea*, *Spathionema*, *Dysolobium*, *Dolichopsis*, *Strophostyles*, *Pachyrhizus*, *Dipogon*; names listed with synonymy; no keys; no new names; largely extra-Malesian.
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Extensive forest analysis, from low altitude to the peaty summit plateau at c. 2000 m, especially with regard to zonation. Important for ecology and plant-geography.

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7 W.Australian spp. discussed (4 new).
- Ditto. 8. *A revision of the Uninerves-Triangulares, in part (the tetramerous species).* Nuytsia 2 (1978) 266-333, 24 fig., 1 tab.
Key to 17 spp. (9 new).
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Australian species.
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A. lucida was far more common 10,000-5,000 years ago; decrease supposed to be climatic.
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Revision; key to 23 spp. of this genus which is mostly viewed as a subgenus of Boerhavia; new comb. New spp. from Africa and West Australia; in Malesia one common Old World sp.; genus mostly African.
- MENDOZA, V.B. *Adaptability of six tree species to cogonal areas: additional information on and possible role of phenols and sugars.* Sylva-trop.Philip.For.Res.J. 3 (1978) 1-7, 1 fig., 8 tab.
Cogonal areas = Imperata grassland. Experiments with 6 tree spp.: Pinus insularis, Casuarina equisetifolia, Antidesma frutescens, Eucalyptus camallulensis, Leucaena leucocephala, Piliostigma malabaricum. Casuarina grew best; discussion of allelopathic effects of Imperata.
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In Russian. Subdivision; some new sect. and subsect.; keys to spp.; spp. listed (no new), no descr. but types indicated.
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Two new forms, one of *Clerodendrum serratum* from N. Sumatra.
- *Ditto. CVII*. Phytologia 38 (1978) 307-308.
New sp. of *Vitex* from Luzon based on an old Elmer collection; two new varieties from Luzon and Perak respectively.
- *Ditto. CXI*. Phytologia 39 (1978) 236-238, 2 pl.
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- *Ditto. CXVI*. Phytologia 40 (1978) 316.
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- MOLYNEUX, W. *Grevillea in Horticulture* (Proteac.) Austr. Plants 9, no 75 (1978) 287-298, many col. fig.
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- & D.L. DUTKIEWICZ, *Plant Portraits*. 4-6. J. Adelaide Bot. Gard. 1 (1977) 151-160, illus.
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Data on uses; English summary.
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Kedah Peak; 1200 m alt.
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Instead of *C. heyneana* Wall. ex W. & A.
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Keys to 58 spp., one for flower. and one for fruit. material; also partial keys for islands or island groups. Improvement on preceding monograph; *S. microtricha* from Malaya now referred to *S. wikstroemifolia*.
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3 spp. distinguished; keyed out; descr.
- *New or critical species of Asiatic Sedoideae (1) (Crassul.)* J. Jap. Bot. 52 (1977) 263-268.
2 new spp. of Rhodiola.
- *Ditto (2)*. J. Jap. Bot. 52 (1977) 305-308.
New comb. and new sp. of Rhodiola.
- *Ditto (3)*. J. Jap. Bot. 53 (1978) 257-259.
1 new sp. of Rhodiola.
- OLDEMAN, R. A. A. *Architecture and energy exchange of dicotyledonous trees in the forest* (1978) — Reviewed on page 3255.
- * OLIVIER, R. C. D. *On the ecology of the Asian Elephant, Elephas maximus Linn., with particular reference to Malaya and Sri Lanka* (1978) — Reviewed on page 3266.
- ORCHARD, A. E. *Hedychium in New Zealand, a further name change (Zing.)* New Zeal. J. Bot. 16 (1978) 287-289.
Differences between H. flavescens and H. coronarium.
- OZENDA, P. & M. CAPDEPON, *Recherches sur les Phanérogames parasites. VI. Une Orobanchacée himalayenne subalpine, Xylanche himalaica (Hook. f. et Thoms.) G. Beck*. Bull. Soc. Bot. Fr. 125 (1978) 379-388, 30 fig.
Anatomy; attachment to host similar as in Striga gesnerioides.
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In Chinese. Key to 49 spp. (some new), 10 treated in this instalment.

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- PATUNKAR, B.W. *Sporobolus festivus* Hochst. ex A. Rich. (Poaceae) - A new record for India. Bull. Bot. Surv. India 17 (1975; publ. 1978) 168-169, 7 fig.
African species introduced.
- PAYNE, W.W. *A glossary of plant hair terminology*. Brittonia 30 (1978) 239-255, 48 fig.
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Ploids common in SE. Australia.
- PEDLEY, L. *Notes on Leguminosae. I. Austrobaileya* 1 (1977) 25-42.
Critical remarks on Australian Acacias; key to 3 spp. of introduced Prosopis; key to 5 indig. spp. of Lysiphyllum (segr. of Bauhinia); key to 5 spp. of Mirbelia; Daviesia n.sp.; nomencl. of Phaseolus bracteatus; Stylosanthes sundaica reduced to S. humilis H.B.K.; new names and spp. in Australian Tephrosia; 2 new comb. in Caesalpinia (transfers of Mezoneurum).
- *A revision of Acacia* Mill. in Queensland. Austrobaileya 1 (1978) 75-234, 10 fig.
First part of a most important regional monograph of the genus, with a staggering number of 235 spp., of which 140 are treated in an extensive way in this part. Some also occur in the eastern parts of Malesia.
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- *A rare Hawaiian orchid*. Bull. Pac. Trop. Bot. Gard. 8 (1978) 19, 1 photogr.
Platanthera holochila, a very rare species.
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Revision Elaeocarpaceae and Nyssaceae; key to 17 spp. of Elaeocarpus (no novelties).
- PHILIPSON, W.R. *The deletion of Pentapanax* Seem. from the Flora of Australia. Austrobaileya 1 (1977) 23-24.
Reduced to Polyscias; 2 new comb.

- *A synopsis of the Malesian species of Polyscias (Araliaceae)*.
Blumea 24 (1978) 169-172.
4 new sections proposed by reduction of 4 genera (Gelibia, Eupteron, Kissodendron, and Palmervandenbroekia); 5 new spp. descr.
- *The identity of Arthrophyllum and Eremopanax (Araliaceae)*. Adansonia 17/3 (1978) 329-333, 1 pl.
Eremopanax of New Caledonia reduced; 10 new comb.
- *Araliaceae: growth forms and shoot morphology* (1978) — Reviewed on page 3255.
- & Ngoc-san BUI, *A new species of Arthrophyllum from Laos*. Adansonia 17/3 (1978) 327-328, 1 pl.
- PHYPHATHANAPHONG, L. *Aizoaceae of Thailand*. Thai For. Bull. 10 (1977) 1-11, 6 fig. & maps.
Revision with keys; no descr.
- PIGGIN, C.M. *The herbaceous species of Echium (Boragin.) naturalized in Australia*. Muelleria 3 (1977) 215-244, 3 maps.
Key to 3 spp.; notes on nomenclatural confusion.
- PONCY, O. *Le genre Pararistolochia, Aristolochiaceae d'Afrique tropicale*. Adansonia sér. 2, 17 (1978) 465-494, 9 fig.
Revision of this genus instated by Hutchinson & Dalziel (1928), reduced to subgenus in E. & P. (1935), characterized by cauliflorous flowers, 3-lobed perianth, and indehiscent lignified fruit; 9 spp. in Africa. It seems that there is also one undescribed species in Borneo.—v.St.
- PONG, Tho Yow, *Living in harmony*. Nature Malaysiana 3, no 4 (1978) 34-39, 12 col. phot.
Ants and Macaranga.
- POWELL, D.A., D.H. NICOLSON & D.F. AUSTIN, *Convolvulus grandiflorus Jacq. (Convolvulaceae) re-examined*. Brittonia 30 (1978) 199-202, 1 fig.
Suggested to be named Ipomoea macrantha R. & S. Remarks on Operculina ventricosa (Bertero) Peter, which occurs in the Marianas as an introduction and is fast-spreading as a vigorous liana smothering other vegetation.
- PRAKASH, N. & E.J. McALISTER, *An embryological study of Bauera capitata with comments on the systematic position of Bauera*. Austr. J. Bot. 25 (1977) 615-622, 4 fig., 1 tab.
More affinity to Cunoniaceae than to Saxifragaceae.
- PRANCE, G.T. *Floristic inventory of the tropics: where do we stand?* Ann. Mo. Bot. Gard. 64 (1977) 659-684, 4 fig. (3 maps), 9 tab.
Estimates about state of affairs, size of floras and degree of publication and exploration; inventory; desirable items; stress on scientific collecting.
- PRIMACK, R.B. & P.B. TOMLINSON, *Sugar secretions from the buds of Rhizophora*. Biotropica 10 (1978) 74-75.

- QAISER, M. & S.I. ALI, *Tamaricaria*, a new genus of *Tamaricaceae*. *Blumea* 24 (1978) 151-155, 1 fig., 1 pl.
New genus based on descr. sp. of *Myricaria* from Sino-Himalaya.
- RABINOWITZ, D. *Dispersal properties of mangrove propagules*. *Biotropica* 10 (1978) 47-57, 18 fig., 4 tab.
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- *RAIZADA, M.B. *Supplement to Duthie's Flora of the Upper Gangetic Plain and of the Adjacent Siwalke and Sub-Himalayan tracts*. Bishen Singh, Mahendra Pal Singh, Dehra Dun (1976) vii + 355 pp.
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Some emendations proposed to Corner's system.
- RAO, A.S. & P.K. HAJRA, *Eulophia mannii* Hook. f., a scarcely known ground orchid from Assam. *Bull. Bot. Surv. India* 16 (publ. 1977) 156-157, 8 fig.
- & ----- *Hedychium radiatum* & *H. robustum* (Zingib.) - two new species from Kameng District, Arunachal Pradesh. *Bull. Bot. Surv. India* 16 (publ. 1977) 163-166, 2 pl.
- & ----- *Polypleurum wallichii* (R.Br. ex Griff.) Warming and *Zeylanidium lichenoides* (Kurz) Engler, two interesting *Podostemaceae* from Meghalaya. *Bull. Bot. Surv. India* 17 (1975; publ. 1978) 207-209, 2 fig., 1 pl.
- & D.M. VERMA, *Materials towards a monocot flora of Assam. IV. (Pontederiaceae, Xyridaceae & Commelinaceae)*. *Bull. Bot. Surv. India* 16 (publ. 1977) 1-20, 7 fig.
Incl. keys to genera and species of *Commelinaceae*.
- RAO, Purshotam & P.S. TOMER, *Work done on Cenchrus setigerus Vahl in India. A review*. *Indian For.* 104 (1978) 478-484.
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6 spp. in *Ludwigia*, 8 in *Epilobium*; the Javanese species here referred to the southern hemisphere *E. hirtigerum* A.Cunn.
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Revision; key to 15 spp.; 1 sp. in India, 1 in New Guinea and tropical Australia; 1 sp. excluded from New Guinea belongs to *Loxodera*.
- RICHARDSON, A.T. *Monograph of the genus Tiquilia (Coldenia, sensu lato), Boraginaceae: Ehretioideae*. *Rhodora* 79 (1977) 467-572, 29 fig.
Coldenia remains here monotypic Old World.
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Reduced to *Silvianthus*; new comb.
- *A revision of Mitragyna and Uncaria (Rubiaceae)*. *Blumea* 24 (1978) 43-100, 12 fig.
Both in subtribe *Mitragyninae* (tribe *Cinchoneae*). Discussion of affinities; in *Mitragyna* 10, in *Uncaria* 34 spp. recognized; extra-Mal. spp. of Asia have complete synonymy and descr.; those of Africa, America and Malesia treated abbreviately. Of both genera a complete key to species.
- *A revision of the tribe Naucleae s.s. (Rubiaceae)*. *Blumea* 24 (1979) 307-366, 9 fig., 2 tab.
Review of the status and affinities of 21 genera, some of which are removed to *Cinchoneae*; key to 3 subtribes (1 new); keys to the genera; key to the species of *Nauclea* etc. (for *Neonauclea* only the continental Asian spp.); 8 new monotypic genera; many new comb.; a few new spp.
- *The taxonomic position of Dunnia (Rubiaceae)*. *Blumea* 24 (1979) 367-368.
Of uncertain tribal status, rejected from *Cinchoneae*.

- ROBBRECHT, E. *Sericanthe*, a new African genus of Rubiaceae (Coffeeae). Bull.Jard.Bot.Nat.Belg. 48 (1978) 3-78, 15 fig. & map.
Segregate of Tricalysia; 15 spp. in Africa; some spp. possess also bacterial colonies in the leaves!, hitherto only known in Rubiac. of Pavetta and Psychotria spp.
- ROBSON, N.K.B. Notes on some Nepalese and Indian Hypericum. J.Jap.Bot. 52 (1977) 276-288, 4 fig., 2 tab.
Keys; 2 new spp.; affinities H. elodeoides group.
- ROJO, J.P. On the correct scientific name of the Benquet Pine. Sylvatrop. Philip.For.Res.J. 3 (1978) 31-35.
Current use of Pinus kesiya Royle ex Gordon disadvised against correct name of Pinus insularis.
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- RÖST, L.C.M. Biosystematic investigations with Acorus L. (Araceae). 1. Communication. Cytotaxonomy. Proc.Kon.Ned.Ak.Wet. ser.C, 81 (1978) 428-441, 1 map, 3 tab.
Diploid, triploid and tetraploid ecotypes and their geographical distribution; all E. Asian tetraploid ($2n=48$) including the introduced localities in Malesia (Malaya, Flores).
- ROYEN, P.van, Two new Campanulaceae from New Guinea. Bot.J.Linn.Soc. 77 (1978) 117-123, 2 fig.
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- RUDGE, M.R. & D.J.CAMPBELL, The history and present status of goats on the Auckland Islands (New Zealand subantarctic) in relation to vegetation changes induced by man. New Zeal.J.Bot. 15 (1977) 221-253, 13 fig. & maps, 9 tab.
Various scrub types.
- SABATH, M.D. Vegetation and urbanization on Majuro Atoll, Marshall Islands. Pacif.Sci. 31 (1977) 321-333, 4 fig., 4 tab.
Some plant lists and influence of man.
- SANJAPPA, M. & R.P.BHATT, Alysicarpus ovalifolius (Schumach.) J.Léonard, a new record for India (Legum.) J.Bomb.Nat.Hist.Soc. 75 (1978) 254-255, 1 fig.
Allied to A. vaginalis.
- *SASTRAPADJA, Setijati (ed.), Anggrek Indonesia. Lembaga Biologi Nasional, LIPI, Bogor (1976) 129 pp., illus.
Semi-popular introduction to Orchidaceae.

- *----- (red.), *Sumber Daya Hayati Indonesia*. Lembaga Biologi Nasional, LIPI, Bogor (LBN 9) (1977) 71 pp., 20 phot.
Semi-popular account of the natural resources of Indonesia. One of a series of booklets with general information intended for the intelligent, general public. The booklets are edited by the director of the Bogor Botanic Gardens with her assistants and specialists. They must serve good educational purpose. All are written in the Indonesian language.
To my most pleasant surprise this number is dedicated to Prof. Koesnoto Setyodiwirjo, the first Indonesian director of the Gardens who has done so much to rehabilitate the gardens and under whose auspices Foundation Flora Malesiana was erected.
- *----- & S.SOENARKO (red.), *Beberapa Jenis Bambu*. Lembaga Biologi Nasional, LIPI, Bogor (LBN4/SDE 37) (1977) 94 pp., illus.
Semi-popular introduction to species of bamboo.
- *----- (red.), *Tanaman Hias*. Lembaga Biologi Nasional, LIPI, Bogor (LBN 5/SDE 38) (1977) 133 pp., illus.
Semi-popular introduction to ornamental plants.
- *----- (red.), *Sayur-Sayuran*. Lembaga Biologi Nasional, LIPI, Bogor (LBN 6/SDE 39) (1977) 121 pp., illus.
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- *----- (red.), *Tanaman Industri*. Lembaga Biologi Nasional, LIPI, Bogor (LBN 10/SDE 51) (1978) 129 pp., illus.
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- *----- (red.), *Tumbuhan Obat*. Lembaga Biologi Nasional, LIPI, Bogor (LBN 11/SDE 53) (1978) 123 pp., illus.
Semi-popular introduction to medicinal plants.
- , S.H.A.LUBIS, I.LUBIS & D.SASTRAPADJA, *A survey of variation in Psophocarpus tetragonolobus (L.) DC. with reference to the Javanese samples* (Legum.) Ann.Bogor. 6 (1978) 221-230, 2 tab., 5 fig.
Variability studied.
- & H.SUTARNO, *Vigna umbellata (L.) DC. in Indonesia* (Legum.) Ann. Bogor. 6 (1977) 155-167, 8 fig., 1 tab.
Variation studied.
- SASTRY, T.C.S. & P.S.GUPTA, *Sesbania sesban (Linn.) Merrill var. picta comb.nov.* (Legum.) J.Bomb.Nat.Hist.Soc. 74 (1977) 387.

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Paepalanthus kanaii Satake n.sp., the first of the genus outside South America, found in Central Japan, superficially resembling Eriocaulon sexangulare L.
- SAXENA, H.O. & P.K.DUTTA, *Studies on the ethnobotany of Orissa*. Bull.Bot. Surv.India 17 (1975; publ. 1978) 124-131.
Species listed.
- SCHELLER, H. *Kritische Studien über die kultivierten Fraxinus-Arten*. Mitt. Deut.Dendr.Ges. 69 (1977) 49-162. (Oleac.)
General chapters on various aspects of morphology; key to 25 cult. spp.; several reductions of E.Asian spp. proposed. No mention of Malesian spp.
- SCHMID, R. & M.D.TURNER, *Contrad 70, an effective softener of herbarium material for anatomical study*. Taxon 26 (1977) 551-552.
- SCHMITZ, A. *Nouvelle contribution à la taxonomie des Bauhinieae (Caesalpiniaceae)*. Bull.Soc.Roy.Bot.Belg. 110 (1977) 12-16.
Palynological research on Thailand spp.; 23 new comb. in Phanera, Pauletia, Perlebia, Lasiobema, Lysiphyllum; 15 pollen types distinguished.
- SCHNEIDER, E.L. *Morphological studies of the Nymphaeaceae. IX. The seed of Barclaya longifolia Wall.* Bot.Gaz. 139 (1978) 223-230, 15 fig.
Anatomical detail descr.; difference with that of other Nymphaeaceae genera.
- & E.G.FORD, *Morphological studies of the Nymphaeaceae. X. The seed of Ondinea purpurea Den Hartog*. Bull.Torrey Bot.Club 105 (1978) 192-200, 11 fig.
Seed is arillate and perispermous; endosperm is cellular; closely related to Nymphaea.
- SCOTT, A.J. *Reinstatement and revision of Salicorniaceae J.Agardh (Caryophyllales)*. Bot.J.Linn.Soc. 75 (1977) 357-374.
The only species in Malesia is called Arthrocnemum ciliolatum Bunge ex Unger-Sternb. and kept separate from A. indicum (from E. Africa, India and N.Australia) under which name the Malesian specimens were treated by Backer in Fl.Males. vol. 4.
- *A new species of Myrtella from Australia and a synopsis of the genus (Myrt.)*. Kew Bull. 33 (1978) 299-302.
Fenzlia Endl. reduced to sectional rank under Myrtella; Saffordiel-la Merr. from Micronesia also reduced to Myrtella; 9 spp. recognized; 4 new comb., 1 new sp. from the N.Territory; genus confined to Micronesia, New Guinea and Australia.
- *A revision of Octamyrtus (Myrt.)*. Kew Bull. 33 (1978) 303-309, 1 map, 1 fig.
3 spp. distinguished and keyed out; descr.; identification list; genus endemic in New Guinea and Aru Is.; several specific names are reduced or transferred to other genera.

- *A revision of Rhodomyrtus (Myrt.)*. Kew Bull. 33 (1978) 311-329, 1 fig., 3 maps.
Key to 11 spp. and 4 varieties; descr.; identification list; some new combinations and various reductions or transfers from or to other genera, amongst others in a valuable list of evaluating excluded species; thus *Pilidiostigma* recorded for the first time from New Guinea (was described as *Eugenia brassii* Merr.).
- *Rhagodiinae: a new subtribe in the Chenopodiaceae*. Feddes Rep. 89 (1978) 1-12.
Key to 3 Australian genera; keys to spp.; several new comb.
- *SCOTT, D. *Plant ecology above timber line on Mt Ruapehu, North Island, New Zealand*. I. Site factors and plant frequency. II. Climate and monthly growth of five species. III. Discussion of approach, results, and implications. New Zeal. J. Bot. 15 (1977) 255-294, 15 fig., 5 tab.; 295-310, 9 fig., 3 tab.; 311-322, 1 tab.
- SEALY, J. R. *Nomocharis pardanitha (Liliac.)*. Notes R. Bot. Gard. Edinb. 36 (1978) 293-296, 1 fig.
Full notes on Yunnan species.
- SEIDENFADEN, G. *Contributions to the Orchid Flora of Thailand*. VIII. Bot. Tidsskr. 72 (1977) 1-14, 10 fig.
Key to 10 spp. of *Porpax* (2 new spp.).
- *Orchid genera in Thailand*. VI. *Neottioideae* Lindl. Dansk Bot. Ark. 32, no 2 (1978) 1-195, 113 fig.
Detailed treatments with keys to spp.; new comb., new sp.
- SEN, A. *A new variety of Glycine wightii subsp. wightii* Verdcourt from South India. J. Bomb. Nat. Hist. Soc. 74 (1977) 330-332, 1 fig.
- SENGHAS, K. *Cirrhopetalum masonii, eine neue Orchidee aus Neu-Guinea*. Die Orchidee 29 (1978) 14-16, 3 Abb.
From Goroka; descr. from cultivated specimen.
- *Hapalochilus, eine alte, neue Orchideengattung aus Neu-Guinea*. Die Orchidee 29 (1978) 245-248, 4 phot.
Split from *Bulbophyllum*; formerly a subgenus; 1 new comb.
- SHAN, Ren-hwa & Fa-ting PU, *On the Chinese genus Pternopetalum Franchet (Umbell.)*. Acta Phytotax. Sin. 16, no 3 (1978) 65-78, 6 fig.
Key (in Chinese). spp. listed (1 new).
- SHARMA, B. D., S. KARTHIKEYAN & B. V. SHETTY, *Indotristicha tirunelveliana* Sharma, Karthik. & Shetty, a new species of Podostemaceae from South India. Bull. Bot. Surv. India 16 (publ. 1977) 157-161, 17 fig.
Key to 3 spp. (2 new).
- SHARMA, S. *Studies in floral composition of Jaipur District (Rajasthan)*. Indian For. 104 (1978) 42-50, 3 tab.
Short introduction; flora composition; elements; no name list; in all 612 spp.

SHAW, H.K. Airy, *Notes on Malesian and other Asiatic Euphorbiaceae*.

CLXXXVII-CCVI. Kew Bull. 32 (1978) 361-418.

A most valuable continuation of contributions towards a census of Malesian Euphorbiaceae with new and noteworthy species in many genera. *Clonostylis* S.Moore reduced to *Spathiostemon* Bl. with key to 3 spp.; *Sinopimeleodendron* Tsiang reduced to *Cleidiocarpon* Shaw; new sect. in *Homalanthus* from New Hebrides.

----- *Three interesting plants from the Northern Territory of Australia (Thymelaeaceae, Flacourtiaceae & Hanguanaceae)*. Kew Bull. 33 (1978) 1-5, 1 fig.

Arnhemia cryptantha n.g. n.sp. (Thym.), made into a new tribe of the family; suggests transfer of tribes *Solmsieae* and *Microsemmatae* and genus *Deltaria* to *Gonystyloideae*. *Arnhemia* is obviously a geoxylic suffrutex. New *Flacourtia* and record of *Hanguana*, the first in Australia.

----- *New or noteworthy species of Antidesma (Stilaginaceae): IV*. Kew Bull. 33 (1978) 15-18.

New sp. and records from Thailand (n.sp.) and New Guinea (Euph.).

----- *Notes on Malesian and other Asiatic Euphorbiaceae. CCVII-CCXXI*. Kew Bull. 33 (1978) 25-77.

Very many records and many new spp. from Malesia, especially New Guinea; also new spp. from New Caledonia (in *Bocquillonia* and *Austrobuxus*).

----- & F.S.P. NG, *Trigonostemon wetriifolius*, a new species from Endau-Rompin, south peninsular Malaysia. Malays. For. 41 (1978) 237-240, 3 fig.

Monocaulous species with colossal leaves (36-62 x 9-19 cm).

SHETTY, B.V. & K. VIVEKANANTHAN, *An undescribed species of Oberonia Lindl. from Kerala (Orchidaceae)*. Bull. Bot. Surv. India 17 (1975; publ. 1978) 157-159, 8 fig.

SHIH, Chu, *Ajaniopsis Shih*, genus novum familiae *Compositarum sinensium*. Acta Phytotax. Sin. 16, no 2 (1978) 86-89, 1 fig., pl. 6.

In Chinese. Allied to *Artemisia*.

SICCO SMIT, G. *Shifting cultivation in tropical rainforests detected from aerial photographs*. ITC Journal (1978) 603-633, 11 pl.

A general introduction on techniques, possibilities, and limitations of photo interpretation, is followed by 11 photo pairs with one-page legend, from various parts of the world. Our cover photograph belongs to the first pair in the series. Address author: ITC, Box 6, Enschede, The Netherlands.—M.J.

SIDDIQI, Moh. Amin, *Celastraceae*. Flora of West Pakistan no 109 (Aug. 1977) 15 pp., 2 fig.

4 genera; *Euonymus* with more than 1 sp.

SIMPSON, M.J.A. & C.J. BURROWS, *Fruits of Myriophyllum elatinoides (Haloragaceae)*. 1. Identification from late Otiran sediments. 2. Mode of release of seeds from mericarps. New Zeal. J. Bot. 16 (1978) 163-165.

- SINGH, G. & R.N. GOHIL, *Some new records to the flora of Ladakh*. J. Bomb. Nat. Hist. Soc. 73 (publ. 1977) 487-490.
Name list.
- & G.M. OZA, *Nomenclatural note on the Indian Archangelica* (Umb.) Bull. Bot. Surv. India 16 (publ. 1977) 167-169.
- SINGH, Hakim, *Parthenocarp in Trichosanthes dioica Roxb. and Momordica dioica Roxb.* (Cucurb.) Curr. Sci. 47 (1978) 735, 1 tab.
- SINGH, V. *Additions to the flora of Rajasthan*. J. Bomb. Nat. Hist. Soc. 74 (1977) 45-49.
Name list.
- *Occurrence of Peplidium maritimum Wettst. in Rajasthan* (Scroph.) J. Bomb. Nat. Hist. Soc. 74 (1977) 390.
Asia to Australia; sometimes confused with Microcarpaea.
- , M. SHARMA & D.K. JAIN, *Trichomes in Salvia (Labiatae) and their taxonomic significance*. Bull. Bot. Surv. India 16 (publ. 1977) 27-34, 71 fig., 1 tab.
Incl. key to species by trichome structure.
- SMIT, P. *International influences on the development of Natural History in the Netherlands and its East Indian Colonies between 1750 and 1850*. Janus 65 (1978) 45-65.
Review of the growth of knowledge in the natural sciences and personalities and achievements involved. A small error on p. 54 in which Blume is credited for the introduction of Cinchona in Java.
- SMITH, A.C. *A precursor to a new Flora of Fiji*. Allertonia 1 (1978) 331-414, 20 fig.
Critical notes on various species in various families. The author disagrees with many specialists who do not share his splintering concept of a species by which every "distinct population" must rank at species level. Several new combinations and new species.
- SMITH, D. *Natural history notes*. Principes 22 (1978) 41-42.
Report on tropical palms frozen to death at Daytona Beach, January 1977 (amongst others Wallichia, Caryota).
- SMITH, Nancy (ed.), *Lord Howe Island*. Publ. by the Australian Museum, Sydney (1977) 42 pp., profusely illus., 4°.
Originally published June 1974 as a special issue of Australian Natural History, the quarterly journal of the Australian Museum. History, defunct volcanoes, extinct horned turtles, vegetation, invertebrates, colonisation and extinction, exploitation versus conservation.
- SMITH, R.M. *Alpinia sect. Pycnanthus and its New Guinea species* (Zing.) Notes R. Bot. Gard. Edinb. 36 (1978) 273-292, 2 fig.
Key to 18 spp. (6 new).
- SMITINAND, T. *A preliminary study of the vegetation of Surin Islands*. Nat. Hist. Bull. Siam Soc. 26 (1977) 227-246, 5 fig.

- SNEED, M.W. *Palm collecting adventures in Asia. III. Singapore and Taiwan.* Principes 21 (1977) 161-168, 9 fig.
Also in Johore. Tour report.
- SOEMARNA, Komar, *Regeneration and standing stock on logged-over area in Semangus, Forest District of Palembang, South Sumatra.* Lembaga Penelitian Hutan Bogor, Laporan no 271 (April 1978) 27 pp. mimeogr. 9 tab., 5 appendices.
In Indonesian.
- & A.SUYANA, *Regeneration and standing stock study on logged-over area in Forest District Merangin, Jambi (E. Sumatra).* Lembaga Penelitian Hutan Bogor, Laporan no 264 (1978) 29 pp. mimeogr., 8 tab., 7 appendices.
In Indonesian.
- SOEPADMO, E. *Ulmaceae.* Fl.Males. I, 8 (1977) 31-76, 27 fig.
Very important treatment because of serious confusion in former literature about the delimitation and distinction of species in *Trema* and *Parasponia*. Welcome new revision of *Celtis* (1 new species and 1 new variety); in *Gironniera* 6 spp.
- *Ulmaceae.* Ident.Lists Males.Specim. no 56 (1978) 998-1020.
- *Parasitic flowering plants.* Nature Malaysiana 3, no 1 (1978) 24-31, col.phot.
Discussion of parasitic plants and their hosts.
- *Ant-plants.* Nature Malaysiana 3, no 4 (1978) 12-19, 19 col.phot.
Beautifully illustrated account.
- *The tropical pitcher-plants.* Bull.Pac.Trop.Bot.Gard. 8 (1978) 57-59, 3 phot.
Popular.
- SOETISNA, U. & E.HIDAJAT, *Kimalaka (Phyllanthus emblica L.) yang jarang dikenal.* Bul.Kebun Raya 3 (1977) 77-80, 1 fig.
In Indonesian. Evaluation as a fruit tree.
- SOEWANDA A.PRAWIRA, R. *List of tree species, West Kalimantan. Revision III.* Lembaga Penelitian Hutan Bogor, Laporan no 265 (1978) 107 pp. mimeogr., many plates.
List by Latin and vernacular names.
- SOHMER, S.H. *The genera Charpentiera and Chamissoa (Amaranthaceae), distant cousins at best.* Newsl.Haw.Bot.Soc. 15 (1976) 49-52, 1 tab.
Comparison of the 2 genera.
- *Morphological variation and its taxonomic and evolutionary significance in the Hawaiian Psychotria (Rubiaceae).* Brittonia 30 (1978) 256-264, 6 fig., 2 tab.
The genus had apparently two separate introductions to the islands.
- SOMEGO, M. *Chromosome number of Diospyros roxburghii.* Malays.For. 41 (1978) 51-52, 1 fig.

- SPECHT, R.L. *Conditions for cultivation of Australian plants*. Austr.Pl. 9, no 78 (1978) 312-313.
Interesting relation between soils & climate and plant growth.
- SREEMADHAVAN, C.P. *Diagnosis of some new taxa and some new combinations in Bignoniales*. Phytologia 37 (1977) 412-416.
On *Nelsonia*, *Thomandersia*, *Justiciaceae*, *Meyeniaceae*; 40 new comb. in *Odontophyllum*; 1 new comb. of an Asiatic *Andrographis* (variety raised to species).
- STACE, H.M. *Cytoevolution in the genus Calotis R.Br. (Compositae: Asteraceae)*. Austr.J.Bot. 26 (1978) 287-307, 39 fig., 1 tab.
Aneuploidy and polyploidy among the 26 spp. & subsp., the latter in two thirds of the species.
- STACY, H.P. *Hakeas of Sydney and the East Coastal Region*. Austr.Plants 9, no 72 (1977) 151-160, illus.
Some species growing in cultivation; behaviour and experiences.
- STARK, N. *Man, tropical forests, and the biological life of a soil*. Biotropa 10 (1978) 1-10, 13 fig.
Nutrient cycles.
- STEARN, W.T. *A synopsis of the genus Catharanthus (Apocynaceae)*. In: W.I. Taylor & N.R. Farnsworth (ed.), *The Catharanthus alkaloids, botany chemistry, pharmacology and clinical use*: p. 9-44. Marcel Dekker, New York (1975).
- STEENIS, C.G.G.J. van, *Bignoniaceae*. Fl.Males. I, 8 (1977) 114-186, 39 fig.
Only the indigenous species elaborately treated, for (many) cultivated species a separate key with brief treatment. Heavy reductions in *Tecomnanthe* and *Radermachera*; comprehensive keys for all species of the genera *Tecomnanthe*, *Pandorea* and *Neosepicaea*; in *Tecomnanthe* and *Pandorea* one new subspecies, in *Pandorea* one new combination.
- c.s. *Addenda, corrigenda et emendanda*. Fl.Males. I, 8 (1978) 549-551.
Especially the contribution by Ding Hou on *Rhizophora* is interesting.
- *Patio ludens and extinction of plants*. Notes R.Bot.Gard.Edinb. 36 (1979) 317-323.
No relation found.
- *Miscellaneous botanical notes XXV*. Blumea 24 (1979) 479-484.
Sambucus in New Guinea; *Periomphale* reviewed, 1 new sp. in New Guinea (Caprif.), 2 new comb.; flowers described in *Pittosporum pumilum*; new armed species of *Desmodium* from the Lesser Sunda Is.
- STEINBERG, C.H. *The collectors and collections in the Herbarium Webb*. Webbia 32 (1977) 1-49, many facsimile handwritings.
Important account. List of collectors; list of botanists studying herb. Webb (19th century).

- STERN, W.L. *A retrospective view of comparative anatomy, phylogeny, and plant taxonomy*. IAWA Bull. no 2/3 (1978) 33-39, 4 tab.
Stresses the Baileyan concept of wood-anatomical evolution of seed plants by which standard Magnoliales would be ancient. However, this is not well-documented by the fossil record from which this concept stemmed. Contrary, Amentiferous families have this fossil record but are assumed to be wood-anatomically derived. With all respect for Stern's essay, he might have pointed out that there is a discrepancy here.—v.St.
- STEVENS, P.F. *Additional notes on Dimorphanthera (Eric.)*. J.Arn.Arb. 58 (1977) 437-444.
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- *A new species of Rhododendron (Ericaceae) from New Guinea*. Adansonia sér. 2, 18/1 (1978) 55-57, 1 fig.
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- *Meliaceae. Chisocheton Bl.* In: J.S.Womersley (ed.), Handb.Fl.Papua New Guinea vol. 1 (1978) 135-174, fig. 67-82.
Key and descr. of 24 spp.
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Discussion of A. menziesii St. John.
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- *New combinations in Hawaiian Cucurbitaceae*. *Haw.Pl.Stud.* 66. *Phytologia* 38 (1978) 407-408.
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- *The new binomial Myrsine helleri (Myrsin.)*. *Haw.Pl.Stud.* 68. *Phytologia* 39 (1978) 107.
- *Gardenia weissichii* of Oahu Island (Rubiaceae). *Haw.Pl.Stud.* 70. *Phytologia* 39 (1978) 108-111, 1 fig.
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- *Notes on Hespermannia (Compositae)*. *Haw.Pl.Stud.* 80. *Phytologia* 40 (1978) 241-242.
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2 spp., each with subspecies; no keys.
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Forma *punicea*, Marshall Is.
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Monotypic alpine Sino-Himalayan.
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The fruit of the African Synsepalum dulcificum (Annon.) sweetens
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Various cultivars from Malesia and Pacific.
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Short biography and various aspects of Rumphius' work and interpretation of Herbarium Amboinense; comments on all species with their modern designation.
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