

XVII. BIBLIOGRAPHY
(continued from page 4016)

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 :

- *CRIBB, A.B. Marine algae of the southern Great Barrier Reef. Part I. Rhodophyta. Aust. Coral Reef Soc., Handbook no 2 (1983) 175 pp., 71 pl. Keys and descriptions, full synonymy.
- GANZON-FORTES, E.T. Laurencia tronoi (Rhodophyta: Ceramiales), a new species from Calatagan, Batangas, Philippines. Kalikasan, Philip.J. Biol. 11 (1982) 404-409, 2 fig.
- GILBERT, W.J. Some marine benthic algae from Christmas Island, Line Islands, Pacific. Atoll Research Bull. no 265 (1983) 1-6. Species listed.
- HUISMAN, J.M. & G.T. KRAFT, Cymnophycus, a new genus of Ceramiaceae (Rhodophyta) from eastern Australia. Phycologia 22 (1983) 285-294, 23 fig.
- LEE, K.B. & Y.C. WEE, Algae growing on walls around Singapore. Malay. Nat. J. 35 (1982) 125-132, 21 fig.
21 species found, of which 14 blue algae, 6 green algae, 1 diatom.
- TRONO Jr, G.C., R. AZANZA-CORRALES & D. MANUEL, The genus Gracilaria (Gigartinales, Rhodophyta) in the Philippines. Kalikasan, Philip.J. Biol. 12 (1983) 15-41, 11 fig.
Key to 8 species; 2 taxa new for the Philippines.
- & A.E. SANTIAGO, New records of the genus Acetabularia in the Philippines. Natur. Appl. Bull. 23 (1972) 39-46.
6 species reported (4 new records for the Philippines).
- WYNNE, M.J. The current status of genera in the Delesseriaceae (Rhodophyta). Botanica Marina 26 (1983) 437-450.
Key to 83 genera; some new names and transfers.
- YOSHIDA, T. Japanese species of Sargassum subgenus Bactrophycus (Phaeophyta, Fucales). J. Fac. Sci. Hokkaido Univ. ser. V (Bot.), 13 (1983) 99-246, 99 fig. & maps.
Keys to 4 sections and 28 species.

(b) Fungi & Lichens :

- AWASTHI, D.D. & M. JOSHI, Lichen genus Peltigera from India and Nepal. Kavaka 10 (1982) 47-62, 19 fig.
Key to 15 species (one new).
- & Shri Ram SINGH, The lichen genus Rhizocarpon (Ram.) Th. Fr. in India. Kavaka 5 (1977) 49-58, 28 fig. — Key to 11 species.

- CARTER, A. Three new species in the genus Chaetomium (Fungi). *Canad. J. Bot.* 61 (1983) 2603-2607, 9 fig.
Among others 1 species from New Guinea, 1 from the Solomons.
- CHIN FOOK HON, Edible & poisonous fungi from the forests of Sarawak. Part 1. Sarawak Mus. J. 29 (1981) 211-225, pl. XVIII-XXIX.
Descriptions and figures of 41 species.
- *CORNER, E. J. H. Ad Polyporaceas I. Amauroderma and Ganoderma. *Beih. Nova Hedwigia Heft* 75 (1983) 182 pp., 31 fig.
4 genera and 44 tropical species (16 neotropical, 28 Australasian); descriptions; 6 new species, several new var. and new comb.; scheme of ancestral tree of Ganodermataceae; notes on Malesian species and key to some Malesian species; largely based on his own collections.
- CUEVAS, V. C. & N. E. SAJISE, Two cellulolytic species of Trichoderma (Hyphomycetes) new to the Philippines. *Kalikasan, Philip. J. Biol.* 12 (1983) 309-316, 4 fig., 1 tab.
- DANTANARAYANA, D. M., O. S. PERIES & A. de S. LIYANAGE, Taxonomy of Phytophthora species isolated from rubber in Sri Lanka. *Trans. Br. Mycol. Soc.* 82 (1984) 113-126, 46 fig., 7 tab.
- ELIX, J. A. & P. M. ARMSTRONG, Further new species of Parmelia subgen. Xanthoparmelia (Lichens) from Australia and New Zealand. *Austr. J. Bot.* 31 (1983) 467-483, 11 fig.
11 new species from S. Australia, some also occur in New Zealand.
- FRISVOLL, A. A. A taxonomic revision of the Racomitrium canescens group (Bryophyta, Grimmiaceae). *Gunneria (Kgl. Norske Vid. Selsk. Mus.)* no 41 (1983) 181 pp., 52 fig.
A northern hemisphere group, one species going south as far as Vietnam.
- GALLOWAY, D. J. & J. K. BARTLETT, The lichen genus Thysanothecium Mont. & Berk., in New Zealand. *Nova Hedwigia* 36 (1982) 381-398, 6 fig.
2 species (1 also in Malesia); several reductions.
- *GUZMÁN, G. The genus Psilocybe. *Beih. Nova Hedwigia Heft* 74 (1983) 1-439, 76 plates with 781 fig. (some in col.).
Monograph of 144 species. Chemistry of hallucogenic species.
- HAFELLNER, J. Monographie der Flechtengattung Letrouitia (Lecanorales, Teloschistineae). *Nova Hedwigia* 35 (1981) 645-729, 26 fig., 2 tab.
Key to 15 species, some new and some new combinations.
- HORAK, E. Mycogeography in the South Pacific region: Agaricales, Boletales. *Austr. J. Bot. Suppl. Ser.* no 10 (1983) 1-41. 7 fig.
75 species selected for demonstrating geographical relationships; 5 new species, 2 new varieties.
- INOUE, M. Japanese species of Huillia (Lichenes) (1). *J. Jap. Bot.* 58 (1983) 113-128, 8 fig.
Key to 12 species. Also in the Philippines.

- JØRGENSEN, P.M. Distribution patterns of lichens in the Pacific region. Austr.J.Bot. Suppl.Ser. no 10 (1983) 43-66, 14 fig. (maps).
Small number of endemics indicates probably slow rate of evolution; long-distance dispersal is likely to have occurred.
- JÜLICH, W. Basidiomycetes of South-east Asia. 2. On Scenidium apiarum, with a discussion of the nomenclatural status of the genus Hexagonia Pollini (Hexagona Fr.). Persoonia 12 (1984) 107-117, 4 fig.
Throughout Indonesia; 14 species accepted in the genus (4 new comb.); Hexagona Fr. reduced.
- KAMAL, A.N.RAY & G.MORGAN-JONES, Notes on Hyphomycetes. XLV. Neopericonia, a new phaeodictyosporous genus from India. Mycotaxon 18 (1983) 15-18, 1 fig., 1 pl.
On Pterocarpus.
- KOBAYASI, Y. Keys to the taxa of the genera Cordyceps and Torrubiella. Trans.Mycol.Soc.Japan 23 (1982) 329-364, 2 fig.
Key to all species of Cordyceps (282) and Torrubiella (59). Appendices include a list of 19 allied genera (73 spp.), teleomorph-anamorph connections, host-parasite relationships, in Cordyceps 2 new spp., 5 new comb., a list of synonyms and a list of excl. spp.
- Copelandia papilionacea, a hallucinogenic mushroom. J.Jap.Bot. 58 (1983) 316-318, 2 fig.
From Bali, on sandy beach.
- KOHLMEYER, J. Geography of marine fungi. Austr.J.Bot. Suppl.Ser. no 10 (1983) 67-76, 2 fig.
The ranges of 13 Ascomycetes, 2 Basidiomycetes and 2 conidial fungi discussed and the worldwide range of 10 others is plotted.
- KORF, R.P. Cyttaria (Cyttariales): Coevolution with Nothofagus, and evolutionary relationship to the Boedijnopezizeae (Pezizales, Sarcoscyphaceae). Austr.J.Bot. Suppl.Ser. no 10 (1983) 77-87, 2 fig.
Suggested affinity of Cyttaria with Boedijnopezizeae.
- LIM, G. Nouvelle liste de champignons parasites à Singapour. Bull.Soc.Myc. Fr. 99 (1983) 127-129.
List of 34 host plants with their parasites.
- MALLOCH, D.W., K.A.PIROZYNSKI & P.H.RAVEN, Ecological and evolutionary significance of mycorrhizal symbioses in vascular plants (A Review). Proc. Nat.Acad.Sci.USA 77 (1980) 2113-2118.
About 4/5th of all plants form endomycorrhiza, and a number of other tree families ectomycorrhiza (conifers, Betul., Fagac., Dipt., etc.). The number of fungal symbionts of the latter run in the thousands, in contrast with the fungal species richness in endomycorrhiza, which is very low. The latter are mostly in the warm regions, the first in the temperate.
- NAIR, L.N. & S.D.PATIL, Fleshy fungi from Western India. I. Gasteromycetes. Kavaka 5 (1978) 19-23, 19 fig.
17 species listed.

- PATWARDHAN, P.G. & C.R. KULKARNI, A contribution to our knowledge of the lichen flora of India. I. Family Thelotremaaceae. Kavaka 5 (1977) 1-17, 4 fig.
Keys and descriptions; 4 genera, 40 species (none new).
- PEGLER, D.N. Lentinus araucariae, an Australasian member of the L. badius-complex. Cryptog., Mycol. 4 (1983) 123-128, 1 fig.
A new species from Mt Kinabalu, Solomons and New Caledonia.
- PETERSEN, R.H. Notes on clavarioid fungi. XVIII. A preliminary outline of Clavulina in Southeastern Australia. Nova Hedwigia 37 (1983) 19-35, 6 fig.
9 taxa described and keyed out.
- PIROZYNSKI, K.A. Pacific mycogeography: An appraisal. Austr. J. Bot. Suppl. Ser. no 10 (1983) 137-159.
Brought into relation with geological events in the past.
- QUIMIO, T.H. Some unreported Agaricales of Mt. Makiling (Philippines). Nova Hedwigia 38 (1983) 421-432, 3 pl.
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3 species described (none new).
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- *ROSSMAN, A.Y. The phragmosporous species of Nectria and related genera (Calonectria, Ophionectria, Paranectria, Scoleconectria and Trichonectria). Commonw. Agricult. Bureaux: Mycol. Papers no 150 (1983) 164 pp., 17 pl., 54 fig.
Key to 53 species (several new); all names listed and evaluated.
- RYVARDEN, L. Type studies in the Polyporaceae 14. Species described by N. Patouillard, either alone or with other mycologists. Occ. Pap. Farlow Herb. Crypt. Bot. no 18 (1983) 1-39, 5 fig.
Evaluation of 235 polypores; some new comb. (among them one from Singapore).
- SATHE, A.V. c.s. Agaricales (Mushrooms) of South West India. Series 1. Parts I-III. Maharashtra Assoc. Cult. of Sci., Res. Inst., Pune, India: Monograph no 1 (1980) 1-114, illus.
Survey of Kerala, Karnataka and Maharashtra States; in all 75 species, of which 37 are new.
- SÉRUSIAUX, E. Proposal to conserve Baeomyces (Lichenes). Taxon 32 (1983) 646-648.
- SINGH, Ajay, Two new species of the lichen genus Parmentaria from South India. Candollea 38/2 (1983) 459-463, 1 pl.

- *SIPMAN, H.J.M. A monograph of the lichen family Megalosporaceae. Thesis, Utrecht (1983) 241 pp., 53 fig. & maps, 5 tab., 24 pl.
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- SMITS, W.Th.M. Dipterocarps and mycorrhiza. An ecological adaptation and a factor in forest regeneration. Fl.Mal.Bull. 36 (1983) 3926-3937, 2 fig.
A vital contribution to the ecology of Dipterocarps sustained by experiments in vitro. Important for regeneration.
- STEVENS, G.N. Tropical-subtropical Ramalinae in the Ramalina farinacea complex. Lichenologist 15 (1983) 213-229, 4 pl., 2 maps.
2 species with some new varieties. Also in Malesia.
- SUGIYAMA, K. & H.YAMAMOTO, Notes on the Laboulbeniomycetes of Borneo II. The genus Rickia. Trans.Mycol.Soc.Japan 23 (1982) 301-311, 1 fig.
6 species, 3 new, 2 new to Borneo.
- THIND, K.S. & J.S.DARGAN, Xylariaceae of India. IV. The genus Daldinia. Kavaka 6 (1978) 15-24, 37 fig.
Details of 6 species; key.
- WALKER, J. Pacific mycogeography: Deficiencies and irregularities in the distribution of plant parasitic fungi. Austr.J.Bot. Suppl.Ser. no 10 (1983) 89-136, 16 fig., 13 tab.
- WATLING, R. & T.YOUNG, A new species of Panaeolopsis Singer. Notes Roy. Bot.Gard.Edinb. 4 (1983) 395-399, 2 fig.
A new species from New South Wales from a formerly bitypic genus in Argentina and Brazil.
- YEH, Kai-wun & Zuei-ching CHEN, The boletes of Taiwan (III). Taiwania 27 (1982) 52-63, 12 fig., 11 pl.
12 species described (none new).
- YEN, J.M. Etude sur les champignons parasites du sud-est asiatique. 40. Champignons parasites de Hong Kong III. Bull.Soc.Myc.Fr. 99 (1983) 217-218.
A new Drechslera (Hyphomycetes).
- & S.-K.SUN, Studies on parasitic fungi from South East Asia. 48. Cercospora and allied genera of Taiwan. VIII. Crypt., Mycol. 4 (1983) 189-198, 5 fig.
4 new species and a new combination.

(c) *Bryophytes* :

- CROSBY, M.R. & C.R.BAUER, Index Muscorum Supplementum: 1980-1981. Taxon 32 (1983) 670-691.
- DUNCAN, D. & P.J.DALTON, Recolonisation by bryophytes following fire. J. Bryol. 12 (1982) 53-63, 2 fig., 3 tab.
List of known records; data on germination rates of spores and protonemas.

- GROLLE, R. Nomina generica Hepaticarum; references, types and synonymies. Acta Bot. Fennica 121 (1983) 1-62.
Very important census; 2 new comb.; 1 new genus.
- HASEGAWA, J. Taxonomical studies on Asian Anthocerotae III. Asian species of Megaceros. J. Hattori Bot. Lab. no 54 (1983) 227-240, 4 fig.
General discussion of variability, leading to heavy reduction in number of names; only one species accepted in the area.
- HU, Renliang, A revision of the Chinese species of Entodon (Musci, Entodontaceae). The Bryologist 86 (1983) 193-233, 289 fig.
Key to 1 subgenera and 26 species.
- HÜRLIMANN, H. Hepaticae aus dem Gebiete des südlichen Pazifik VII. Bauhinia 7 (1983) 259-268, 1 fig.
Some 18 species from New Caledonia and other Melanesian islands.
- INOUE, H. Studies on Taiwan Hepaticae IV. Plagiochilaceae. Bull. Natn. Sci. Mus. Tokyo, ser. B, 8 (1982) 125-144, 4 fig.
Key to 3 species.
- IWATSUKI, Z. Taxonomy of Mosses. In: Advances in Bryology Vol. 1 (ed. W. Schultze-Motel): 233-314, 5 fig. Cramer, Vaduz (1981).
Overview of families.
- KOPONEN, T. & D. H. NORRIS, Bryophyte flora of the Huon Peninsula, Papua New Guinea. I. Study area and its bryological exploration. Ann. Bot. Fennici 20 (1983) 15-29, 6 fig. (maps), 1 tab.
General data on the area; vegetation notes; historical exploration; sites where collected.
- & ----- Ibid. II. Mniaceae (Musci). Ann. Bot. Fennici 20 (1983) 31-40, 32 fig.
Key to 7 species.
- KUWAHARA, Y. Metzgeria decipiens (Mass.) Schiffn. (Hepaticae), with a wide geographical distribution. Nova Hedwigia 38 (1983) 603-616, 1 fig., 1 tab.
Full synonymy and range of this almost cosmopolitan species.
- LIN, Shan-hsiung, A taxonomic revision of Phyllogoniaceae (Bryopsida). I. J. Taiwan Mus. 36 (2) (1983) 37-86, 6 fig., 6 pl., 7 tab.
Synopsis and key to species in Orthorrhynchium.
- ONRAEDT, M. Bryophytes du Sri Lanka (Ceylan). VI. Le genre Radula Dum. Cryptogamie, Bryol. Lichénol. 4 (1983) 71-85, 10 fig.
17 species keyed out, 3 new for Ceylon.
- REESE, W. D. & B. C. TAN, The 'petiolate' Calymperaceae: A review with a new species (Musci). Bull. Natn. Sci. Mus., Tokyo, ser. B, 9 (1983) 23-32, 36 fig.
Key to 4 species (2 in Malesia, incl. a new sp. from the Philippines).

- SEPPELT, R.D. The status of Riccia areolata and R. longiciliata, two recently described species. Studies on Riccia in Australia. I. Lindbergia 9 (1983) 117-120, 2 tab.
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- STONE, I.G. Some new and noteworthy records of mosses mostly from Queensland, Australia. Austrobaileya 1 (1982) 511-520.
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- Buxbaumia in Australia, including one new species, B. thorsborneae. J. Bryol. 12 (1983) 541-552, 4 fig., 1 pl., 1 tab.
Australasian genus; could occur in New Guinea.
- *SUTTON, B.C. The Coelomycetes. Fungi imperfecti with Pycnidia Acervuli and Stromata. Commonw. Mycol. Inst., Kew, Surrey, England (1980) 696 pp., 397 fig.
A huge monograph; 129 genera; keys to species.
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- Ibid. Fascicle 2. Kalikasan, Philip. J. Biol. 11 (1982) 394-399.
Account of 30 species.
- Checklist of mosses of Mt Makiling (Luzon Island, Philippines). Quart. J. Taiwan Mus. 35 (1982) 135-148, 7 fig.
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- Notes on SE. Asian Dicranodontium (Dicranaceae). Ann. Bot. Fennici 20 (1983) 233-235, 5 fig.
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- & A.R. ALVAREZ Jr, Additions to the 'Moss Flora of the National Botanic Garden, Philippines'. Kalikasan, Philip. J. Biol. 10 (1981) 165-176, 19 fig.
13 species added to the published list by R.M. del Rosario.
- & Z. IWATSUKI, Nineteen new records of Philippine mosses. Kalikasan, Philip. J. Biol. 12 (1983) 328-350, 76 fig.
1 genus and 18 species as new records.
- & T. KOPONEN, Dicranoloma (Musci, Dicranaceae) in Southeast Asia, with special reference to the Philippine taxa. Ann. Bot. Fennici 20 (1983) 317-334, 79 fig.
Key to 6 species; specimens described; comparisons with allied species.
- UDAR, R. & U.S. AWASTHI, The genus Leucolejeunea Evans in India. Proc. Indian Natn. Sci. Acad. B49 (1983) 249-256, 3 pl.
Key to 3 species.
- & D. KUMAR, Radula pandei, a new Hepatic from South India. Lindbergia 9 (1983) 133-136, 2 fig.

(d) Pteridophytes :

- BIDIN, A. Pteris semipinnata: an elegant fern from Taman Negara. Nature Malaysiana 8 (1983) 30-31, 6 phot.
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- The fern and fern-allies of Carey Island. Malayan Natur. 37 (1983) 13-15.
- CHANDRA, Subhash, Additions to the Indian fern flora, 1960-1980. Kalikasan, Philip.J.Biol. 10 (1981) 177-189.
123 taxa, all listed.
- Notes on some ecological adaptations in drynarioid ferns. Malay.Nat. J. 35 (1982) 133-148, 4 fig., 2 tab.
Relation to environment; 15 species listed with range and habitat; anatomy of fertile and sterile forms; reproduction.
- Check list of ferns endemic to India. Nova Hedwigia 36 (1982) 241-247.
96 species of 43 genera listed as endemic to India.
- CHING, Ren-chang, Taxonomic notes on some N.W.Himalayan ferns. Acta Bot. Austro Sinica no 1 (1983) 17-25. In Chinese.
Various notes; Athyrium (3 new spp.), Lunathyrium, Arthromeris (1 new sp.), Microsorium, Phymatopsis.
- , You-xing LIN & Su-kung WU, A taxonomic revision on Lepisorus clathratus (Clarke) Ching complex in the Sino-Himalayan region. Acta Bot. Yunnanica 5 (1983) 1-23, 8 fig.
Key to 25 species (several new); also 2 new spp. of Plagiogyria.
- & C.H.WANG, Materiae ad floram filicum sinensium. Acta Phytotax. Sinica 21 (1983) 211-218. In Chinese.
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- & Shiew-hung WU, Materials for the Pteris flora of China. Acta Bot. Austro Sinica no 1 (1983) 1-16. In Chinese.
Key to sections; 20 new species and some varieties.
- & Chao-fang ZHANG, New ferns of Zhejiang Province. Bull. Bot. Res., North-eastern For. Inst., Harbin, China 3 (3) (1983) 1-55, 26 fig.
Many new species, many of Cyclosorus, Dryopteris, Ctenitis (1), Asplenium and some Hymenophyllaceae.
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- DIXIT, R.D. Selaginella ornata (Hook. et Grev.) Spring, new to India. J. Bomb. Nat. Hist. Soc. 79 (publ. 1983) 464-465, 1 fig.
A Malesian species.

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Large discussion on methodology.
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- Species of Cyathea in the Western Pacific related to C. multiflora Sm. and allies in America. Kew Bull. 37 (1982) 383-388, pl. 24, 1 map.
Some Old World species have stipe-scales as some New World species. Key to 8 species of this Old World group; 1 new sp. from Manus I. (New Guinea).
- HSIEH, Yin-tang, Three new species of Arachniodes Blume from Yunnan. Acta Bot. Yunnanica 5 (1983) 55-58, 1 fig.
- IWATSUKI, K. & M. KATO, Additions to the enumeration of East Kalimantan pteridophytes 1. Acta Phytotax. Geobot. 34 (1983) 55-65, 2 fig.
Additions listed; a new remarkable species of Lindsaea described; 1 new species of Vittaria.
- & ----- Additions to the enumeration of East Kalimantan pteridophytes 2. Acta Phytotax. Geobot. 34 (1983) 130-141, 7 fig.
A list of records in various families; 4 new species in Thelypteris (Coryphopteris Holtt.) and new comb., and a new name in Lindsaea.
- , ----- , M. OKAMOTO, K. UEDA & D. DARNAEDI, Botanical expedition in East Kalimantan, during June 15 and September 15, 1981. In: T. Hidaka (ed.), Taxonomical and evolutionary studies on the biota in humid tropical Malesia, with references to the diversity of species (1983) 31-69.
A detailed report, especially with many names of ferns, of the montane zone. Added are a comparison of the fern flora of Mt Kinabalu and Kalimantan; a note on rheophytic ferns and conservation of the forest.
- KAR, R.K. On the original homeland of Ceratopteris Brongn. and its palaeogeographical province. Geophytology 12 (1982) 340-341.
Fossils and recent range.
- KHULLAR, S.P., S.S. SHARMA & P. SINGH, The Thelypteridaceae of W. Himalaya. Nova Hedwigia 38 (1983) 617-667.
Keys, synonymy; 14 genera, 67 species; no novelties.
- KONG, Xianxu, Notes on the ferns of Sichuan Acta Bot. Yunnanica 5 (1983) 355-360, 2 fig. In Chinese.
Several notes, incl. a new species in Asplenium and Aleuritopteris.
- MARKHAM, K.R., N.A. MOORE & D.R. GIVEN, Phytochemical reappraisal of taxonomic subdivisions of Lycopodium (Pteridophyta-Lycopodiaceae) based on flavonoid glycoside distribution. New Zeal. J. Bot. 21 (1983) 113-120, 4 fig., 2 tab.
Phylloglossum indistinct from Lycopodium.

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Extensive survey, data for each genus.
- MUHAMMAD, Haji, Ferns of Marattia family. Nature Malaysiana 7 (3) (1982) 36-39, 14 col.phot.
Notes on various species of this fern family.
- NAKAIKE, T. Nomenclatural study in the Pteridophytes from Japan and the adjacent regions. I. Bull.Natn.Sci.Mus.Tokyo, ser. B, 9 (1983) 75-84. In Japanese.
Various notes.
- OHBA, H. Miscellaneous notes on ferns. Studies on the plants of Isl. Minami Iwojima (Japan) (2). J.Jap.Bot. 58 (1983) 23-27, 1 fig.
Notes on 7 species.
- PARRIS, B.S. A taxonomic revision of the genus Grammitis Swartz (Grammitidaceae: Filicales) in New Guinea. Blumea 29 (1983) 12-222, 32 fig., 72 maps, 28 tab.
64 species (21 new) in 14 species groups recognized; morphology explained and problems of generic delimitation discussed. Bracket key and multi-access key. Identification list.
- PICHI SERMOLLI, R.E.G. Fragmenta Pteridologiae. VIII. Webbia 37 (1983) 111-140, 3 fig.
Typification Notholaena; notes on African ferns.
- PRICE, M.G. The ferns of Steere and Harrington. Contr.Univ.Mich.Herb. 15 (1982) 197-204.
Status of 19 species of Philippine ferns described by Harrington on Steere's collections.
- Several unusual Malesian Diplazia (Athyriaceae). Gard.Bull.Sing. 36 (1983) 25-29.
4 small, deceptively similar species discussed; several reductions; 1 new combination.
- Two name changes for ferns of Mt Makiling, Luzon, Philippines. Kalikasan, Philip.J.Biol. 12 (1983) 155-156.
2 new combinations in Ctenitis and Lastreopsis respectively.
- QUIRK, H., T.C.CHAMBERS & M.REGAN, The fern genus Cheilanthes in Australia. Austr.J.Bot. 31 (1983) 501-553, 61 fig., 1 tab.
15 taxa; key to 15 species; cytology and spore morphology.
- SHING, K.H. A reclassification of the fern genus Pyrrosia. Amer.Fern J. 73 (1983) 73-78, 12 fig.
Study of spores, scales, indument and epidermis. Subdivision 2 sub-genera, one with 2 sections and several series; 6 new comb. (4 from Malesia, 1 from Queensland, 1 from the Pacific).
- STEWART, R.R., D.M.JOHNSON & J.T.MICKEL, Pteridophyte genera. The meaning of their names. Fiddlehead Forum, Bull.Amer.Fern Soc. 10 (1983) 21.

WU, Shiew-hung, Studies on the family Peranemaceae Ching. Acta Phytotaxon. Sinica 21 (1983) 370-385.
Key to 3 genera: Peranema (1), Diacalpe (7; 3 new), Acrophorus (5, all new); keys to species.

WU, Su-kung, Notes on ferns of the East Himalayas (1). Acta Bot. Yunnanica 5 (1983) 165-169, 2 fig.
4 species (2 new, in Aleuritopteris).

----- Note on Aleuritopteris Fée in Thailand. Mem. Fac. Sci. Kyoto Univ., Biol. ser. 8 (1983) 151-156, 3 fig.
Key to 6 species (2 new from Thailand).

(e) *Spermatophytes & General subjects :*

*ALRASJID, H. The choice of silvicultural system in maintaining the natural forest sustained yield of Dryobalanops aromatica Gaertn. in forest complex of Krueng-Bakongan, South Aceh. Balai Penelitian Hutan, Bogor, Laporan no 388 (March 1982) 43 pp., 6 tab., 4 fig., append.
Contains also a list of associated trees in this part of N. Sumatra.

*ANDERSON, J.A.R. A checklist of the trees of Sarawak (1983) — See Review on page 60.

----- The tropical peat swamps of Western Malaysia. In: A.J.P. Gore (ed.), Mires, swamp, bog, fen and moor. B. Regional Studies (1983) 181-199, fig. 6: 1-10.
Overview of formations in W. Malesia; profiles and general structure, history, physical characteristics, chemical composition, vegetation, ecology, zonation of flora, palynology, utilisation.

*ANONYMUS, Plants of the Philippines. Ed. 2. Univ. Philip. Press (1980) vii + 512 pp., illus.
General textbook for secondary schools. Unfortunately the figures are poor, and should be replaced by detail line-drawings. Published by the Science Education Centre, University of the Philippines.

ANONYMUS, Bijzonder bezoek aan de grote berg. Panda 19 (1984) 9-11, illus. In Dutch.
Brief report on the Bogor-Leiden exploration expedition to Bt. Raya Nature Reserve, Central Kalimantan (Indonesian Borneo).

APFELBAUM, S.I., J.P. LUDWIG & C.E. LUDWIG, Ecological problems associated with disruption of dune vegetation dynamics by Casuarina equisetifolia L. at Sand Island, Midway Atoll. Atoll Research Bull. no 261 (1983) 1-19, 2 fig., 2 tab.
C. equisetifolia was introduced but is very successful; most of the 123 species listed were introductions.

d'ARCY, W.G. Solanaceae in Herbarium Willdenow. Solanaceae Newsl. 2 (1981) 75-82.
Mostly from the New World; also some from India.

- ASH, J. The Nothofagus Blume (Fagaceae) of New Guinea. In: J.L. Gressitt (ed.), Biogeography and ecology of New Guinea. Junk Publ., The Hague, Boston, London (1982) 355-380, 11 fig. & tab.
- *AVÉ, J., V.KING & J.de WIT, West Kalimantan. A bibliography (1983) — See Review on page 61.
- BAI, Pei-yu, New taxa of Jasminum L. from Yunnan. Acta Bot. Yunnanica 5 (1983) 65-68, 4 fig.
3 new species.
- New taxa of Oleaceae from Yunnan. Acta Bot. Yunnanica 5 (1983) 177-182, 4 fig.
Fraxinus (1 new sp.), Osmanthus (3 new spp.).
- *BALGOOY, M.M.J. van (ed.), Pacific Plant Areas. Vol. 4 (1984) — See Review on pages 61-62.
- *BANERJI, M.L. & P.PRADHAN, The orchids of Nepal Himalaya. Vaduz (1984) 534 pp., 2 maps, 247 plates.
- BAO, Shiyong, Some new plants of Casearia from Yunnan. Acta Bot. Yunnanica 5 (1983) 375-378, 1 fig. In Chinese.
5 species (1 new).
- BARLOW, B.A. Supplement to a revision of the Loranthaceae of Australia. Brunonia 5 (1982) 201-212.
6 new species, 3 subspecies; 2 Malesian genera newly recorded for Australia (Cecarria, Dactyliophora).
- A revision of the genus Notothixos (Viscaceae). Brunonia 6 (1983) 1-24, 11 fig. (& maps).
Key and descriptions of 8 species (5 in Malesia).
- A revision of the Viscaceae of Australia. Brunonia 6 (1983) 25-57, 44 fig. (& maps).
3 genera, 16 species described and keyed out.
- BASAK, R.K. Simaroubaceae. Fascicles of Flora of India, Fasc. 4 (1980) 1-18, 5 fig.
6 genera; 10 species.
- BAUMANN-BODENHEIM, M.G. Morphologie und Klassifikation neu-caledonischer Arten der Fagaceen-Gattung Trisyngyne. Botanica Helvetica, Ber. Schweiz. Bot. Ges. 93 (1983) 281-312, 33 fig.
Elaborate ecological and morphological treatment of the 5 species in New Caledonia, with observations on juvenile stages; key to the species; distribution maps of the island. Why the author keeps this genus apart from Nothofagus is not argued; suggests that it is synonymous with Nothofagus subsect. Bipartitae to which all New Guinean species belong. The new species proposed was described by him already in 1953.

- *BECKER, P.F. Shorea seedling ecology in a lowland Malaysian rainforest. Ph.D. Thesis, Univ. of Michigan (1982) 137 pp.
Mortality; ecology; phytochemistry; mycorrhiza, of 3 species. See larger review in *Wallaceana* 31 (1983) 16.
- Ectomycorrhizae on Shorea (Dipterocarpaceae) seedlings in a lowland Malaysian rainforest. *Malaysian For.* 46 (1983) 146-164, 4 tab.
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- BELCHER, R.O. New Australian species of erechthitoid Senecio (Asteraceae). *Muelleria* 5 (1983) 119-122.
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- BERG, R.G.v.d. Pollen characteristics of the genera of the Begoniaceae. *Meded. Landbouwhoges. Wageningen* 83-9 (1983) 55-66, 4 pl.
- BOGNER, J. A new Hottarum (Araceae) species from Borneo. *Pl. Syst. Evol.* 142 (1983) 49-55, 3 fig.
From Bako National Park (Sarawak); a new rheophyte.
- & M. HOTTA, A new Hottarum (Araceae) from Sarawak. *Bull. Mus. natn. Hist. nat., Paris*, 4e sér. 5 (1983) sect. B, *Adansonia* no 1: 27-31, 3 pl.
The fourth species of this genus.
- & ----- Schismatoglottis mayoana J. Bogner et M. Hotta, sp. nov., a new species (Araceae) from Sarawak. *Acta Phytotax. Geobot.* 34 (1983) 48-50, 2 fig.
- BROUWER, Y. Domatia, and their occurrence in the Australian flora. *Austr. Syst. Bot. Soc. Newsl.* 34 (1983) 6-9, 1 fig.
Discussion of types, frequency and list of families.
- *BOURLIÈRE, F. Tropical savannas. In: *Ecosystems of the World* 13 (1983) xii + 730 pp. Publ. Koeltz.
- BREMER, K. Taxonomy of Memecylon (Melastomataceae) in Borneo. *Opera Botanica* 69 (1983) 1-47, 26 fig., 27 maps, 3 col. phot.
Revision; descriptions and key to 27 species (3 new); identification list; dotted maps of distribution.
- BRUGGEN, H.W.E. van, Aponogétonacées. *Fl. Camb., Laos et Viêt-Nam* 20 (1983) 63-68, 1 pl.
- *BRUIJNZEEL, L.A. Hydrological and biogeochemical aspects of man-made forests in South-Central Java, Indonesia. Thesis, Vrije Univ. Amsterdam (1982) 250 pp., illus., many tab.
Very detailed on evaporation, nutrient cycling, uptake and interactions.
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Relation of dipterocarp forest types with soils and climate in Thailand.

- BURKILL, H.M. Murray Ross Henderson 1899-1983. J.Mal.Br.Roy.As.Soc. 56 (1983) 87-104, phot., bibliogr.
This full biography contains an interesting historic account of ins and outs of the Singapore Herbarium (1922-1946) and is of distinct historical interest.
- BURTT, B.L. The first species of Stauroanthera (Gesneriaceae) from New Guinea, with general notes on the genus. J.Arn.Arbor. 65 (1984) 129-133.
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- & R.M.SMITH, Zingiberaceae. Rev.Handb.Fl.of Ceylon 4 (1983) 488-532.
- BUTZIN, F. Lectotypifizierung einiger Orchideengattungen. Taxon 32 (1983) 629.
Incl. for Flora Malesiana the genera Ceratostylis, Coelogyne, Pecteilis, Pelatantheria.
- BYRNES, N.B. Notes on the genus Kunzea (Myrtaceae) in Queensland. Austro-baileya 1 (1982) 468-471.
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The latest list; the island, situated SE of S.Taiwan, is famous because several genera and species from tropical Malesia are found here but do not occur in Taiwan proper. In this paper these latter are not discriminated.
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- CHANG, Shao-yun & Pui-cheung TAM, New species on genus Balanophora. Bull. Bot.Res., North-Eastern For.Inst.Harbin, China 3 (1983) 141-145, 2 fig.
From Yunnan.

- CHANG, Wen-jin & Lian-de SHEN, The genus Hemsleya Cogn. in Sichuan. Acta Phytotax. Sinica 21 (1983) 182-193, 4 fig. In Chinese.
Key to 8 species (4 new).
- CHEN, Cheih, On the genus Osbeckia Linn. of Melastomataceae from China. Guihaia 2 (1982) 181-188, 1 fig.
Key to 12 species.
- On Medinilla Gaudich. of China in relation to the drift of the Indian plate. Acta Phytotax. Sinica 21 (1983) 416-422, 1 map. In Chinese; English summary.
An origin in the Upper Cretaceous in southern Gondwanaland is postulated. A survey of the Chinese species is given. Pseudodissochaeta Nayar is placed in the synonymy by lack of differences in the depth of the extra-ovarian chambers and pollen. The first feature is of specific value in the tribe, while the second offers no distinctions at all. The genera seem distinct enough, however, by the leaves and structures of the anthers, the usual characters in the alliance.—J.F.V.
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- New taxa of subtrib. Oreocnidinae C.J. Chen (Urticaceae) from China. Acta Phytotax. Sinica 21 (1983) 473-478, 1 fig.
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- CHEN, Tzu-tsung & H. OHASHI, Two forms in Desmodium laxiflorum DC. (Leguminosae) J. Jap. Bot. 58 (1983) 263-269, 2 fig.
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- CHIA, Liang-chi, Hok-lam FUNG & P. Pui-hay BUT, Notes on Gramineae: Bambusoideae in Hong Kong. *Kew Bull.* 37 (1983) 591-595, 2 fig. 2 new species (1 *Arundinaria*, 1 *Bambusa*), 1 new comb. in *Arundinaria*; 1 *Bambusa* reduced.
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- CHIN, S.C. A guide to ethnobotanical collection with reference to Malaysia. *Sarawak Mus. J.* 29 (1981) 227-238. Categories and notes, methodology, guidelines.
- The limestone hill flora of Malaya. IV. *Gard. Bull. Sing.* 36 (1983) 31-91. Angiosperms-Monocotyledons; keys in Gram., Orchid., Zing. Identification list of the 4 parts arranged by taxa. Final instalment.
- Photofeature. Plants of Bukit Takun. *Malayan Natur.* 37 (2) (1983) 20-25, 8 col. phot., 2 fig. 8 species from limestone hills in Malaya, some very rare.
- CHIU, Hua-hsing, Material for Chinese Macaranga Thou. *Guihaia* 2 (1982) 147-152. Key to 6 species.
- CHOW, Shuan & Singchi CHEN, Notes on Chinese Gastrodia. *Acta Bot. Yunnanica* 5 (1983) 361-368, 1 fig. In Chinese. Key to 11 species (1 new).
- CHRISTENSEN, B. Mangroves - what are they worth? *Unasylva* 35 (1983) 2-10, illus. General aspects, silviculture, wildlife, fisheries; report on management in Malaysia; zonation and regeneration in Sarawak (16 species) and Sabah.
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- COODE, M.J.E. A conspectus of Sloanea (Elaeocarpaceae) in the Old World. *Kew Bull.* 38 (1983) 347-427, 11 fig., 1 col. pl., 5 tab. Valuable synopsis; 4 keys; Indo-W. Malesian species; New Guinean species; New Caledonian species; Australia. In all 51 species, of which several new and some new comb.

- COOK, C.D.K. & K. URMI-KÖNIG, A revision of the genus *Limnobia* including *Hydromystria* (Hydrocharitaceae). Aquatic Botany 17 (1983) 1-27, 9 fig.
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- CRAMER, S. Aroid Profile Number 8. *Remusatia vivipara*. Aroideana 6 (1983) 24-25, 1 fig.
- CRIBB, P.J. *Dendrobium* sect. *Spatulata* Lindl., the correct name for the "antelope" dendrobium. The Orchadian 7 (1983) 189.
- A preliminary key to *Dendrobium* sect. *Spatulata* Lindl. (syn. sect. *Ceratobium* Lindl.) in New Guinea and the Bismarck Archipelago. The Orchadian 7 (1983) 189-192.
Key to 30 species.
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- & D.F. BLAXELL, A reassessment of *Dendrobium mirbelianum* Gaud. and the true identity of *D. wilkianum* Rupp. The Orchadian 7 (1983) 175-176, 2 fig.
D. wilkianum reduced.
- CRISP, M.D. *Notonerium* (Apocynaceae) laid to rest in the Boraginaceae. J. Adelaide Bot. Gard. 6 (1983) 189-191, 1 fig.
- DABRAL, B.G. Forests and rainfall. A short review. Indian For. 109 (1983) 515-520, 1 tab.
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- DAINTY, A.L. Chromosome numbers and karyotype variation in *Araucaria*. Kew Bull. 37 (1983) 511-514, 1 fig., 1 tab.
For 7 species $2n = 26$.
- DARWIN, S.P. New species of *Timonius* (Rubiaceae) from Papuaia. J. Arn. Arbor. 64 (1983) 611-618.
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- DEB, D.B. & Ratna DUTTA, Nomenclatural changes in *Hedyotis* L. (Rubiaceae) of South Asia. Taxon 32 (1983) 284-285.
Some new combinations.
- & D.C. MONDAL, Two new species of *Ophiorrhiza* (Rubiaceae) from the Khasi Hills, India. Kew Bull. 37 (1982) 483-487, 2 fig.

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- & N.W.UHL, The transfer of Livistona kingiana (Palmae) to Pholidocarpus *Kew Bull.* 38 (1983) 197-198.
- DRANSFIELD, S. The genus Racemobambos (Gramineae-Bambusoideae). *Kew Bull.* 37 (1983) 661-679, 7 fig.
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- A new species of Ilex (Aquifoliaceae) from Sumatra. *Feddes Rep.* 94 (1983) 165-172, 1 fig., 1 tab.
The largest fruited species yet known, from Atjeh.
- DUKE, N.C., W.R.BIRCH & W.T.WILLIAMS, Growth rings and rainfall correlations in a mangrove tree of the genus Diospyros (Ebenaceae). *Austr. J. Bot.* 29 (1981) 135-142, 4 fig., 1 tab.
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- *DY PHON, P. Contribution à l'étude de la végétation du Cambodge. Thesis. Paris-Orsay (1981) 217 pp.
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- ENRIGHT, N.J. The Araucaria forests of New Guinea. In: J.L.Gressit (ed.), Biogeography and ecology of New Guinea. Junk Publ., The Hague, Boston, London (1982) 381-399, 7 fig., 1 tab.
- EVERETT, J. & S.W.L.JACOBS, Studies in Australian Stipa (Poaceae). Telopea 2 (1983) 391-400, 1 fig.
Some new species and keys as a precursory paper.
- EVERIST, S.L. History of the Queensland Herbarium and Botanical Library. 1855 to 1976. Austrobaileya 1 (1982) 429-445, 1 tab.
- FANG, Ding, Some new taxa of Zingiberaceae from Guangxi (4). Guihaia 2 (1982) 134-141, 1 fig.
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- FERNANDO, E.S. A revision of the genus Nenga. Principes 27 (1983) 55-70, 4 fig.
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- FEUILLET, C. Le statut des genres Quassia L., Samadera Gaertn., Simaba Aubl. et Simarouba Aubl. (Simaroubaceae). Bull.Jard.Bot.Nat.Belg. 53 (1983) 510-511.
The concept Simaba re-erected as a separate species to which also Malesian species are referred. No key or argumentation; 6 new comb.
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- FORMAN, L.L. The correct names for the tribes of Menispermaceae. Kew Bull. 37 (1982) 367-368.
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- A new species of Pericampylus (Menispermaceae) from Burma. Kew Bull. 37 (1982) 375-376.
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- FRIEDBERG, C. Socially significant plant species and their taxonomic position among the Bunaq of Central Timor. In: R.F. Ellen & D. Reason (eds.), Classification in their social context. London (1979) 81-99. Betel and Areca nut; plants used for spraying seeds in fertility rites; plants used for expelling harm to man; prohibited plants.
- *FROHNE, D. & J. PFÄNDER, Giftpflanzen. Ed. 2. (1983) 138 col. fig., 120 b/w fig., 12 tab., 59 drawings, 290 pp.
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- GHANI, F.D. Ornamental and edible aroids of Peninsular Malaysia. Aroideana 6 (1983) 129-132, 2 fig. Brief note.
- Ornamental and edible aroids of Peninsular Malaysia. Dept. Bot., Universiti Kebangsaan Malaysia, Bangi, Selangor (1983) 6 pp. mimeo. Aquatics; food plants.
- Conservation and utilization of Colocasia spp. (cultivars) and edible aroids (keladi) in Malaysia. Dept. Bot., Universiti Kebangsaan Malaysia, Bangi, Selangor (1983) pp. 38-46, mimeo. Chromosome number; climatic and edaphic factors.
- The potential aroids of Malaysia. Dept. Bot., Universiti Kebangsaan Malaysia, Bangi, Selangor (1983) 16 pp. mimeo. Overview genera Alocasia, Amorphophallus, Colocasia, Cyrtosperma, with notes on species and cultivars.
- GIBBS RUSSELL, G.E. The taxonomic position of C₃ and C₄ Alloteropsis semi-alata in southern Africa (Poaceae). Bothalia 14 (1983) 205-213, 8 fig., 1 tab. 2 subspecies in southern Africa (but see page 14 of this Bulletin).
- GIDEON, O. A new name in Spermaceae for two species of Borreria from New Guinea. J. Arn. Arbor. 64 (1983) 627-628. 1 new name in Spermaceae (2 reductions).
- GILLI, A. Beiträge zur Flora von Papua New Guinea. III. Monocotyledones. Ann. Naturh. Mus. Wien 84/B (1983) 5-47. Annotated list with many new species: Arac. (1), Carex (2), Freycinetia (1), Zingib. (5) and Orchid. (30).
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- *GORDON, J.C. & C.T. Wheeler (eds.) Biological nitrogen fixation in forest ecosystems: foundations and applications. Nijhoff/Junk Publ., The Hague, Boston, Lancaster (1983) 342 pp., illus.
12 essays devoted to nitrogen fixation partly in relation to management; Europe, Asia and North America; research and practice in Australia and New Zealand.
- *GRESSITT, J.L. (ed.) Biogeography and ecology of New Guinea (1982) — See Review on page 63.
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