

XII. BIBLIOGRAPHY  
(continued from p.1872)

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

a) Algae:

- Abbott, I.A.: Yamadaella, a new genus in the Nemaliales (Rhodophyta) (Phycologia 9, 1970, 115-123, 9 fig.).  
Segregate genus.
- & M.M.Littler: Some Rhodymeniales from Hawaii (Phycologia 8, 1969, 165-169, 5 fig.).  
4 spp. recorded, 1 n.sp.
- Amossé, A.: Note sur des Diatomées récoltées en Indochine (Rev.Algol. 9, 1969, 326-344, pl.15/17).  
Listed; few new or new names.
- Burkill, H.M., L.H.Greenwood-Barton & P.C.Crowther: Some studies of Malayan agarophytic and alginophytic seaweeds (Gard.Bull.Sing. 22, 1968, 429-441, 3 fig., 6 tab., 7 pl.).  
Chemical analyses.
- Cassie, V.: A free-floating Pseudobryopsis (Chlorophyceae) from New Zealand (Phycologia 8, 1969, 71-76, 7 fig.).
- Chang, Tsang-Pi: Some phytoplankton of Tamshui river from Kuantu to Shetzu (Taiwania 14, 1968, 303-323, 2 pl.).  
Keys to many species of Chlorophyta and Cyanophyta.
- Chapman, V.J.: A remarkable new red seaweed from New Zealand (J.Phycol. 5, 1969, 259-265, 22 fig., 1 fotogr.).
- Domantay, J.S.: Aquatic biological resources of the Philippines (Act.Manilana 4, 1968, 24-58).  
A brief survey of marine algae is included.
- Hackett, H.E.: Marine algae in the atoll environment: Maldive Islands (Indian Ocean) (Proc.6th Int.Seaweed Symp. 6, 1969, 187-191).  
Some generalized notes; main spp. etc. algal flora resembles that of a Pacific atoll.
- Hinode, T.: On some Japanese Desmids (6) (Hikobia 5, 1969, 196-201, 17 fig., fotogr. 3).  
List; no novelties or new names.
- \*Hô, Pham-Hoàng: Rong Biên Vietnam. Marine Algae of South Vietnam (1969) 560 pp., many fig.

- Hortobágyi, T.: Algen aus Vietnam. II. Cyanophyta (Bot.Közl. 55, 1968, 153-160, 4 Taf.).  
Hungarian, with German summary. 24 spp. from Hanoi.
- Islam, A.K.M.Nurul: Kirchneriellosooccus lunatus Islam gen. et sp. nov., a new member of Chlorococcales (Rev.Algol. 9, 1969, 348-358, 15 fig., pl.18/19).  
From East Pakistan.
- Itono, H.: The genus Antithamnion (Ceramiaceae) in Southern Japan and adjacent waters. I (Mem.Fac.Fish.Kagoshima Univ. 18, 1969, 29-45, 7 fig., 2 tab.).  
Details on 6 spp., 1 new.
- Khan, M.: On two fresh water red algae from Dehradun (Hydrobiologia 35, 1970, 249-253, 6 fig.).  
Acrochaetium 2 n.spp.
- Lewin, J. & R.E.Norris: Surf-zone diatoms of the coasts of Washington and New Zealand (Chaetoceros armatum T.West and Asterionella spp.) (Phycologia 9, 1970, 143-149, 18 fig.).  
One new species of Asterionella.
- Manapat, A.L.: Alginic acid from some Philippine brown algae (Act.Manilana 5, 1969, 36-45).
- \*Misra, J.N.: Phaeophyceae in India (Indian Counc.Agric.Res. New Delhi, ICAR Monogr. on Algae no 7, 1966, 1-203, 100 fig., 3 pl., 3 tab.).
- Noda, M.: The species of Phaeophyta from Sado Island in the Japan Sea (Sci.Rep.Niigata Univ. 6 D, 1969, 1-64, illust.).
- Patel, R.J.: An enumeration of Chlorococcales of Gujarat (J. Bomb.Nat.Hist.Soc. 66, 1969, 665-669).
- & C.K.Asok Kumar: Spirogyra tuwensis sp.nov., with a note on its reproduction (Phykos 8, 1969, 105-107, 1 pl.).
- \*Philipose, M.T.: Chlorococcales (Indian Counc.Agric.Res.New Delhi, ICAR Monogr. on Algae, 1967, i-ix + 1-365, 190 fig., 3 tab.).
- Rao, P.Screenivasa: The genus Polysiphonia from the Kathiawar coast of India (Rhodoph.) (Proc.Seminar Sea, Salt & Plants 1965, 1967, 169-176, 23 fig.).  
9 spp. listed, 3 new.
- Singh, R.B.: A new species of the genus Heterothrichopsis: H. gangetica n.sp. (Chloroph.) (Nova Hedwigia 19, 1970, 311-316, 1 pl.).

Umamaheswararao, M. & T. Sreeramulu: An annotated list of the marine algae of Visakhapatnam (India) (Bot. J. Linn. Soc. 63, 1970, 23-45, 66 fig.).

80 spp. and var. noted (18 new records for India); notes on morphology, etc.

Wang Yang, Jen-Rong: A morphological study of the algal symbionts of four Taiwan lichens: Anaptychia comosa, A. dendricata, Parmelia caperata, and P. rudecta (Taiwania 14, 1968, 53-60, 3 pl.).

----- : Some species of Trebouxia, a genus of lichenized algae, isolated from Taiwan fruticose lichens (Taiwania 15, 1970, 181-188, 3 pl.).

6 algae isolated from Cladonia, Usnea, Stereocaulon.

#### b) Fungi & Lichenes:

Agarwal, S.C.: A new species of Rhinocladiella (Fungi) (Lloydia 32, 1969, 388-391, 8 fig.).  
From India.

Ahmed, S.I. & F. Asad: Strattonia karachiensis sp. nov. from West Pakistan (Fungi) (Sydowia 21, 1967, 282-284, 1 fig.).

----- & ----- : Sporormia fimicola sp. nov. & Sporormiella inaequalis sp. nov. from West Pakistan (Fungi) (Sydowia 21, 1967, 290-294, 2 fig.).

Asahina, Y.: Lichenologische Notizen (J. Jap. Bot. 44, 1969, 257-269, 7 fig.; 353-360, 6 fig.; ibid. 45, 1970, 1-5, 1 tab.; 257-261, 4 fig.).  
A.o. new species; on Cladonia, 1 n.sp. of Japan; note on Mal. sp.

Awasthi, D.D. & M.R. Agarwal: On the species of Cryptothecia from Darjeeling District, India (Lichenes) (J. Indian Bot. Soc. 48, 1969, 62-72, 2 pl.).  
Key to 7 spp.

Corner, E.J.H.: Notes on Cantharelloid fungi (Nova Hedwigia 18, 1969, 783-818, 11 fig.).  
New taxa from tropics of Borneo, Solomons and South America, also Malesia; new comb.; new records.

----- : Supplement to "A Monograph of Clavaria and allied Genera" (Fungi) (Beih. Nova Hedwigia 33, 1970, 304 pp., 63 fig., 4 pl.).  
A large supplement with additions and corrections, new comb., new spp. and some new keys; incl. a few Malaysian and Indian spp.

- Culberson, W.L.: Ramalina siliquosa discovered in Japan (Lichenes) (J.Jap.Bot. 45, 1970, 295-296).  
A maritime lichen from West Europa.
- Dakshini, K.M.M., R.K.Tandon & K.G.Mukerji: A new species of Phyllachora from India (Fungi) (Mycologia 62, 1970, 296-300, 2 fig.).
- Dharne, C.G. & K.N.Roychoudhury: New or noteworthy species of Graphina from Darjeeling Himalayas. 1 (Fungi) (Bull. Bot.Surv.India 10, 1969, 267-269, 7 fig.).
- Diokno-Palo, N. & M.A.Palo: Two Philippine species of Phycomyces in Tempeh production from Soybean (Fungi) (Philip.J.Sc. 97, 1968, 1-13, 1 fig., 1 tab.).  
2 spp. of Rhizopus, one unnamed.
- Dwidjoseputro, D. & F.Wolf: Microbiological studies of Indonesian fermented foodstuffs (Mycopath. & Mycol.Appl. 41, 1970, 211-222, 2 fig.).  
Yeasts from ragi; 2 new spp. described from Java.
- \*Eigler, G.: Studien zur Gliederung der Flechtengattung Lecanora (Lichenes) (Dissert.Bot. 4, 1969, I-III + 1-195, 30 Taf.).  
Monograph; key.
- Fineran, B.A. & C.W.Dodge: Lichens from the Southern Alps, New Zealand: records from Phipps Peak, The Two Thumbs and the Tasman Valley (Pac.Sci. 24, 1970, 401-408, 1 tab.).  
Mainly a name list.
- Goel, N., A.K.Mishra, Dr.Thakur & K.S.Singh: Mycoflora of Muzaffarpur (India). II (Fungi) (Sydowia 21, 1967, 173-175, 1 fig.).  
Some records.
- Goos, R.D.: Phalloid Fungi in Hawaii (Pac.Sci. 24, 1970, 282-287, 5 fig.).  
4 spp. discussed.
- : A new genus of the Hyphomycetes from Hawaii (Fungi) (Mycologia 62, 1970, 171-175, 16 fig.).  
On cultivated Araucaria.
- Goto, S., J.Sugiyama & H.Iizuka: A taxonomic study of Antarctic yeasts (Fungi) (Mycologia 61, 1969, 748-774, 10 fig., 3 tab.).
- Heim, R. & R.G.Wasson: Les Putka des Santals, Champignons doués d'une âme (Fungi) (Cah.du Pac. 14, 1970, 59-85, 5 fig.).  
Several spp. treated; magic fungi of Bihar and Orissa.

- Henderson, D.M.: Rust fungi from various sources (Not.R.Bot. Gard.Edinb. 29, 1969, 377-387).  
A.o. from Asia.
- : Two new Puccinias from South West Asia (Fungi) (Not. R.Bot.Gard.Edinb. 29, 1969, 389-390, pl.11).
- Horak, E.: Die Agaricales von Neuseeland (Fungi) (Schweiz.Z. Pilzk. 48, 1970, 30-38).  
General impressions, especially from Nothofagus forest; compared with Patagonian Nothofagus forests.
- Hortobágyi, T.: Planctomyces from Vietnam (Fungi) (Act.Phytopath.Ac.Sci.Hung. 3, 1968, 271-273, 1 tab.).  
2 hydrofungi from Hanoi.
- Huguenin, B.: Micromycètes du Pacifique Sud. II. Ascomycètes de Nouvelle-Calédonie (Fungi) (Cah.du Pac. 13, 1969, 295-308, 5 pl.).
- : Ditto. VII. Méliolinées de Nouvelle-Calédonie (Fungi) (Rev.de Mycol. 34, 1969, 23-61, 7 pl.).
- Kale, S.B.: A new species of Coniochaeta from India (Fungi) (Sydowia 21, 1967, 123-124, 1 fig.).
- : The genus Rosellinia in India (Fungi) (Sydowia 21, 1967, 132-135, 2 fig., 2 tab.).
- Kamat, M.N. & V.G.Rao: The genus Curvularia Boedijn, from India (Fungi) (Nova Hedwigia 18, 1969, 597-626, 9 pl.)  
30 spp. discussed; no key.
- Kapoor, I.J. & R.N.Tandon: A new species of Macrophoma causing fruit rot of guava (Psidium guajava) (Fungi) (Indian Phytopath. 22, 1970, 122-125, 5 fig.).
- Kapoor, S. & K.G.Mukerji: Fungi of Delhi. VIII. Two unrecorded members of the Hypocreales (J.Indian Bot.Soc. 48, 1970, 255-257, 6 fig.).
- Kar, A.K. & M.K.Maity: Pyrenomycetes of West Bengal (India). II (Fungi) (Canad.J.Bot. 48, 1970, 1295-1302, 6 fig.).  
6 new spp.
- & ----- : New Asterina spp. from West Bengal (Fungi) (Trans.Br.Mycol.Soc. 54, 1970, 435-444, 6 fig.).  
5 new spp., one known other.
- & ----- : New Pyrenomycetes from West Bengal (Fungi) (Trans.Br.Mycol.Soc. 55, 1970, 1-7, 4 fig.).  
4 new spp.
- & M.Mandal: New Cercospora spp. from West Bengal. I (Fungi) (Trans.Br.Mycol.Soc. 53, 1969, 337-360, 21 fig.).

- & ----- : Ditto. II (Fungi) (Trans.Br.Mycol.Soc. 54, 1970, 423-433, 8 fig.).  
8 new spp.
- & K.P.Pal: The Pezizales of Eastern India (Fungi) (Canad.J.Bot. 48, 1970, 145-146, 2 pl.).  
4 spp. listed.
- & ----- : The Helotiales of Eastern India. II (Fungi) (Mycologia 62, 1970, 683-689, 3 fig.).  
Some new species.
- Khan, S.A. & M.Kamal: Additions to the parasitic fungi of West Pakistan. I (Mycopath. & Mycol.Appl. 39, 1969, 197-208, 10 fig.).  
List; 3 new spp.
- Konno, K.: Studies on Japanese lower aquatic Phycomycetes. 3. Rhizidium tomiyamanum, a new marine chytrid (Fungi) (J.Jap.Bot. 44, 1969, 315-317, fig.A-H).
- Kurokawa, S. & H.Shibuichi: Notes on Japanese species of Piloclathrum (Lichenes) (J.Jap.Bot. 45, 1970, 73-83, 2 tab.).  
Chemical testing; key to 4 spp. (one new).
- Laundon, G.F.: Records of fungal plant diseases in New Zealand (New Zeal.J.Bot. 8, 1970, 51-66, 14 fig.).  
List of notes and descr. of fungus spp. (some new).
- Lim, G.: A species of Poronia new to Malaya (Fungi) (Mycol. 60, 1968, 464-465).
- : Calostoma sarasinii from Malaya (Fungi) (Gard.Bull. Sing. 25, 1969, 109-110, 2 pl.).  
2 spp. in Malaya; no descr.
- & J.Morgan-Jones: Xylaria johorensis sp.nov. from Malaysia (Fungi) (Trans.Br.Mycol.Soc. 51, 1968, 165-167).
- Lu, Ding-An: Notes on Chinese Lichens. 2. Umbilicariaceae (Act.Phytotax.Sin. 8, 1959, 178-179, pl.25).
- Lundqvist, N.: Zygopleurage and Zygospermella (Sordariaceae s.lat., Pyrenomycetes) (Fungi) (Bot.Notis. 122, 1969, 353-374, 10 fig.).  
Some specimens included from Indonesia and Pakistan.
- Maas Geesteranus, R.A. & S.Ahmad: A short note on Mycorrhaphium insulare (Pat.) Maas G. (Fungi) (Biologia 15, 1969, 11-12).  
Hydnaceae from India.

- McNabb, R.F.R.: New Zealand Tremellales. III (Fungi) (New Zeal. J. Bot. 7, 1969, 241-261, 4 fig.).  
14 spp. keyed out and descr. in Sebacinia; 3 *Echleria*; *Pseudostypella* n.g., monotypic on *Nothofagus fusca*.
- : The Paxillaceae of New Zealand (Fungi) (New Zeal. J. Bot. 7, 1969, 349-362, 3 fig.).  
6 spp. described; key.
- Mahakul, S.K. & N.N. Mohanty: Notes on some fungi hitherto not recorded from India (Indian Phytopath. 22, 1969, 132-135, 4 fig.).
- Martin, W.: New Zealand lichens and their habitats (Tuatara 17, 1969, 20-26).
- : Key to Stictaceae of New Zealand (Fungi) (Tuatara 17, 1969, 106-117).  
No descr.
- : Lichens that grow on bark or wood (Wellington Bot. Soc. Bull. 36, 1969, 9-14).  
Popular key and generic descr. of New Zealand lichens.
- Mathur, P.N.: A new Pleosphaeropsis from Rajasthan and its Pycnidial organization (Fungi) (Indian Phytopath. 22, 1969, 489-494, 5 fig.).
- Mehrotra, B.S. & R. Prasad: Species of Syncephalis from India. III (Fungi) (Sydowia 21, 1967, 125-129, pl. 11-18).
- Mirza, J.H. & R.F. Cain: Revision of the genus Podospora (Fungi) (Canad. J. Bot. 47, 1969, 1999-2048, 60 fig.).  
Key to 65 spp., incl. from Indomalaysia.
- Mukerji, K.G. & S. Kapoor: Fungi of Delhi. V. Some interesting Loculoascomycetes (Česká Mykologie 23, 1969, 256-261, 3 pl.).
- & ----- : Fungi of Delhi. VII. Some interesting members of Sphaeriales (J. Indian Bot. Soc. 48, 1970, 228-231, 11 fig.).  
In Diatype 1 n.sp.; 3 records.
- Munjal, R.L. & J.N. Kapoor: Some Hyphomycetes from the Himalayas (Fungi) (Mycopath. & Mycol. Appl. 39, 1969, 121-128, 6 fig.).  
List; 2 new spp.
- & D.D. Kulshrestha: Mystrosporiella: a new genus of Hyphomycetes (Fungi) (Mycopath. & Mycol. Appl. 39, 1969, 355-357, 1 fig.).  
On *Litsea chinensis*.
- Muthappa, B.N.: Fungi of Coorg (India). II (Sydowia 21, 1967, 154-158, 3 fig.). Some new spp.

- Oshio, M.: Taxonomical studies on the family Pertusariaceae of Japan (Lichenes) (J.Sc.Hiroshima Univ. 12, 1968, 81-163, 74 fig., pl.1-6 (36 photogr.)).
- Pande, A.K.: The genus Guigandra from Maharashtra (Fungi) (Sydowia 22, 1968, 366-368, 2 fig.).
- Pavgi, M.S. & P.C.Gupta: Some foliicolous fungi on Pineapple from India (Sydowia 21, 1967, 96-99, pl.9).  
Some new spp.
- & R.Upadhyay: Some parasitic fungi on Turmeric from India (Sydowia 21, 1967, 100-104, pl.10).  
Some new spp.
- Pegler, D.N. & R.W.Rayner: A contribution to the Agaric flora of Kenya (Fungi) (Kew Bull. 23, 1969, 347-412, 9 fig., 2 tab.).  
Occasionally species occur in Ceylon or India.
- Petrak, F.: Über eine neue Hercospara-Art aus Pakistan (Fungi) (Sydowia 21, 1967, 231-234).
- : Über eine neue Botryosphaeria-Art der australischen Flora (Fungi) (Sydowia 21, 1967, 235-239).
- : Calonectria apoensis Petr. n.spec., ein für die Flora der Philippinen neuer Pilz (Fungi) (Sydowia 22, 1968, 392-394).  
New species on Musa textilis.
- Phanichapol, D.: Check-list of fungi in the forest herbarium (Nat.Hist.Siam Soc. 22, 1968, 263-269).  
Species listed.
- Ponnappa, K.M.: On five fungi associated with coconut palm in India (Indian Phytopath. 22, 1969, 342-345, 1 fig.).  
No novelties.
- Prasad, S.S. & R.A.B.Verma: A new genus of Moniliales from India (Fungi) (Indian Phytopath. 22, 1970, 111-112, 6 fig.).
- Prasada, R. & J.P.Goyal: A new species of Pyricularia on Bajra (Fungi) (Curr.Sci. 39, 1970, 287-288, 1 fig.).
- Punithalingam, E.: Studies on Sphaeropsidales in culture (Fungi) (Mycol.Pap. 119, 1969, 1-24, 17 fig., 5 pl.).  
Some from India included.
- Rai, J.N. & S.C.Agarwal: Aspergillus elongatus sp.nov. from Indian alkaline soils (Fungi) (Canad.J.Bot. 48, 1970, 791-792, 2 fig.).

- , K.Wadhvani & J.P.Tewari: Achaetomium macrosporum spec.nov. with notes on the genus Achaetomium (Fungi) (Indian Phytopath. 22, 1970, 54-57, 7 fig.).
- Rajendren, R.B.: Kernkampella: a new genus in the Uredinales (Fungi) (Mycologia 62, 1970, 837-843, 42 fig.).  
Originally descr. under Ravenelia.
- Ram, C.: A contribution to the knowledge of Ascomycetes of Varanasi. Lignicolous Pyrenomycetes (Fungi) (Brotéria 1-2, 1970, 53-61, 2 fig.).  
No novelties.
- Rao, D.: A new Acrodictys from India (Fungi) (Curr.Sci. 39, 1970, 117-118, 7 fig.).
- , V.Rao & P.R.Rao: Satwalekera, a new genus of Hypohomycetes (Fungi) (Nova Hedwigia 18, 1969, 637-644, 2 fig.).  
On dead leaves of Cassia.
- Rao, V. & D.Rao: A new Haplobasidium from Hyderabad (Fungi) (Curr.Sci. 39, 1970, 18-19, 8 fig.).
- & ----- : A new Ceratosporium from India (Fungi) (Curr.Sci. 39, 1970, 141-142, 9 fig.).
- Rao, V.G.: Fungi on rice from India (Nova Hedwigia 17, 1969, 49-58).  
Name list.
- : The genus Alternaria, from India (Fungi) (Nova Hedwigia 17, 1969, 219-258, pl.51-63).  
No key.
- Rao, V.R. & K.G.Mukerji: Fungi of Delhi. IX. Additions to our knowledge of soil fungi (J.Indian Bot.Soc. 48, 1970, 258-261, 20 fig.).
- Reddy, S.M.: Some pathogenic fungi new to India (Indian Phytopath. 22, 1969, 353-358, 12 fig.).  
10 listed; no novelties.
- Rifai, M.A.: Sarawakus Lloyd, a genus of the Pyrenomycete family Hypocreaceae (Fungi) (Reinwardtia 7, 1969, 561-578, 3 fig.).  
1 new sp. extending the generic concept; 2 new comb. in Hypocrea and Hypocreopsis.
- Roy, R.Y. & S.D.Bharadwaj: A new species of Periconia from Varanasi, India (Fungi) (Curr.Sci. 39, 1970, 43-44, 3 fig.).
- Sathe, A.V.: Nomenclatural notes on some Indian rust fungi (Sydowia 21, 1967, 130-131). 1 new comb.

- Seow, A.L. & G.Lim: A list of leaf spot diseases in Singapore (Rev.de Mycol. 34, 1969, 79-82).
- Seymour, R.L.: The genus Saprolegnia (Fungi) (Nova Hedwigia 19, 1970, i-iv + 1-124, 153 fig.).  
Revision; key to spp.; several new comb.
- Shepherd, C.J.: Observations on Australian Agaricales. A preliminary account of the genus Agaricus L. ex Fr. (Fungi) (Div.Pl.Ind.Techn.Pap. no 27, 1969, 1-20).  
Key to groups and species; descr.
- Shreemali, J.L.: A new species of Phyllosticta Pers. ex Desm. from Jodhpur (Fungi) (Curr.Sci. 39, 1970, 378).
- Shukla, D.D., V.N.Pathak & M.Rao: A new Phomopsis from India (Fungi) (Mycopath.& Mycol.Appl. 40, 1970, 383-384, 1 fig.).
- Singh, R.A. & M.S.Pavgi: Parasitic fungi on wild rice in India (Sydowia 21, 1967, 176-180).  
Notes on 8 spp.
- Srinivasulu, B.V.: A new species of Dothiorella from India (Fungi) (Mycopath.& Mycol.Appl. 40, 1970, 181-182, 1 fig.).
- Tan, L.K. & G.Lim: Fungal diseases of vegetables and ornamentals in Singapore (Rev.de Mycol. 35, 1970, 47-51).  
Species list.
- Thind, K.S. & S.S.Rattan: The genus Tomentella in India (Fungi) (Proc.Sess.Indian Sci.Congr. LVI, 3, 1969, 273-274).  
This Thelephoraceous genus was unknown from India; 6 spp. reported.
- & H.Singh: The Helotiales of India. X (Fungi) (Mycologia 62, 1970, 486-491, 4 fig.).  
3 new spp.
- Tilak, S.T. & S.B.Kale: Contribution to our knowledge of Ascomycetes of India. XVI (Fungi) (Sydowia 21, 1967, 295-301, 5 fig.).  
New species.
- & ----- : Ditto. XI (Fungi) (Mycopath.& Mycol.Appl. 38, 1969, 377-382, 4 fig.).
- & R.Rao: Ditto. XVII (Fungi) (Sydowia 21, 1967, 308-312, 4 fig.).  
New species.
- Tiwari, D.P.: A new species of Pleurophragmium from rhizosphere of Piper betle (Fungi) (Indian Phytopath. 22, 1969, 513-515, 1 fig.).

- Udagawa, Shun-Ichi & R.F.Cain: Notes on the genus Microtecium (Fungi) (Canad.J.Bot. 47, 1969, 1915-1933, 25 fig., 2 pl.).  
Keys; incl.localities from Japan.
- Ullasa, B.A.: Studies in Indian Phyllachoraceae. XII (Fungi) (Indian Phytopath. 22, 1969, 75-78, 4 fig.).  
4 spp. (3 new).
- : A new species of Cryptomyces from India (Fungi) (Nova Hedwigia 19, 1970, 345-348, 1 fig., 1 tab.).
- Vej, Tzjan-Czunj: A new subgenus of Lasallia Merat emend.Vej (Lichenes) (Act.Phytotax.Sin. 11, 1966, 1-8, 2 pl.).  
1 new sp.
- Verdcourt, B.: Melchiora Kobuski (Theac.) and Melchioria Penzig & Saccardo (Fungi) (Kew Bull. 23, 1969, 469-470).  
The Theac. genus is named Balthasaria; 2 new comb.
- Wang Yang, Jen-Rong: A morphological study of the algal symbionts of four Taiwan lichens: Anaptychia comosa, A. dendricata, Parmelia caperata, and P.rudecta (Taiwania 14, 1968, 53-60, 3 pl.).
- : Some species of Trebouxia, a genus of lichenized algae, isolated from Taiwan fruticose lichens (Taiwania 15, 1970, 181-188, 3 pl.).  
6 algae isolated from Cladonia, Usnea, Stereocaulon.
- Yen, Jo-Min (W.Y.Yen): Étude sur les champignons parasites du Sud-Est Asiatique. XIII. Quelques espèces d'Uredinées de Malaisie (Fungi) (Rev.de Mycol. 34, 1969, 299-339, 14 fig., 3 tab.).  
13 spp. listed, a few new; mostly from Singapore.
- : Ditto. XI. Quelques espèces de Sphaeriales de Malaisie (Fungi) (Cah.du Pac. 13, 1969, 271-280, 4 fig., 1 tab.).  
5 spp. on Eupatorium from Ipoh, Malaya.
- & G.Lim: Ditto. XII. Septième note sur les Cercospora de Malaisie (Fungi) (Cah.du Pac. 14, 1970, 87-103, 6 fig., 2 tab.).  
All from Singapore.

c) Bryophytes:

- Amakawa, T.: Notes on Japanese Hepaticae. 15. Caratolejeunea and Lopholejeunea of Ryukyus (J.Jap.Bot. 45, 1970, 180-189, 3 fig.).  
Some new spp.; key to Lopholejeunea in Ryukyus.

- : New or little known Asiatic species of the family Jungermanniaceae. VI (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 153-160, fig.25-29).
- Ando, H.: Miscellanea bryologica Asiae Orientalis. I (Hikobia 5, 1969, 179-188, 2 fig.).  
List; 2 new comb.
- Chuang, Ching-chang & Z. Iwatsuki: On some Taiwan mosses (Misc. Bryol. & Lichen. 5, 1970, 68-69).
- Greene, S.W. c.s.: Antarctic moss flora. 1. The genera Andreaea, Pohlia, Polytrichum, Psilopilum and Sarconeurum (Scient. Rep. Br. Antarct. Surv. no 64, 1970, 1-118, illust.).
- Grolle, R.: Lebermoose aus Neuguinea. 8 (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 36-40, 2 fig.).
- : Eine neue Jackiella aus Tasmanien (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 222-224, 1 fig.).
- & J. Váňa: Jungermannia subulata Evans aus Hawaii: eine verkannte Sippe der Holarktis (Hepat.) (Ost.Bot.Z. 117, 1969, 305-313, 2 Abb.).
- Hattori, S.: Studies of the Asiatic species of the genus Poorella. III (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 41-87, 33 fig.).
- & M. Mizutani: Hepaticae (Dansk Bot. Ark. 27, 1969, 93-98).  
List of records; a few new comb. and new spp.
- Hewson, H.J.: The family Aneuraceae in Australia and New Guinea. 1. The genus Aneura (Hepat.) (Proc. Linn. Soc. N.S.W. 94, 1969/70, 173-193, 3 fig., 2 tab., pl. 11-12).  
8 spp. keyed out (7 new).
- Inoue, H.: Miscellaneous notes on Hepatics of Japan (J. Jap. Bot. 44, 1969, 300-303, fig. 17).  
A few spp., no novelties.
- : Plagiochilaceae Notes. I. On some species of Plagiochila from South Pacific Islands (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 305-316, 3 fig.).
- : Novae Guineae Hepaticae Schusteranae. II. Plagiochilae species novae (J.Hattori Bot.Lab. 33, 1970, 317-330, 6 fig.).
- : Bryophytes of the Bonin Islands and the Volcano Islands. 2 (J.Hattori Bot.Lab. 33, 1970, 381-389, 3 fig.).

- & Z.Iwatsuki: Bryophytes of the Bonin Islands and the Volcano Islands. 1 (Bull.Nat.Sci.Mus.Tokyo 12, 1969, 291-309, 5 fig.).  
List of species, some new both in Musci and Hepaticae.
- Iwatsuki, Z.: A revision of Plagiothecium and its related genera from Japan and her adjacent areas. I (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 331-380, 21 fig., 4 tab.).
- & A.J.Sharp: Interesting mosses from Formosa (J.Hattori Bot.Lab. 33, 1970, 161-170, 3 fig.).
- Kachroo, P.: History of the genus Cheilolejeunea (Hepat.) (Ceylon J.Sci. 8, 1968, 1-10).
- Kitagawa, N.: "Cephaloziosis" pearsonii (Spr.) Schiffn. from North Borneo with special reference to its reproductive organs (Hepat.) (Misc.Bryol.& Lichen. 5, 1970, 65-67, 15 fig.).
- : Lophoziaaceae of North Borneo (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 203-221, 7 fig.).  
12 spp. reported of 2 genera.
- Kuwahara, Y.: Taxonomic and phytogeographic accounts of three new species of the Hepatic genus Metzgeria from higher altitudes of New Guinea, the Philippines and Japan (Rev.Bryol.& Lichen. 36, 1969, 531-542, 4 fig.).  
Some new spp.; key to some spp.
- Mizushima, U.: On Dicranum drummondii and D. elatum in Japan (Critical notes on mosses 7) (J.Jap.Bot. 45, 1970, 27-39, 1 fig., 5 fotogr.).
- Mizutani, M.: Lejeuneaceae, subfamilies Lejeuneoideae and Cololejeuneoideae from Sabah (North Borneo) (Hepat.) (J.Hattori Bot.Lab. 33, 1970, 225-265, 24 fig.).
- & S.Hattori: Check list of Japanese Hepaticae and Anthocerotae (Misc.Bryol.& Lichen. 5, 1969, 33-43).  
Name list without references, but many names supposed to be synonyms are referred to others.
- Noguchi, A.: The moss genus Isotheciopsis (The Bryologist 73, 1970, 131-136, 22 fig.).  
Key to allied genera and 3 spp., some new comb.
- Ochi, H.: Notes on Asiatic moss flora. VI (Hikobia 5, 1969, 153-171, fig.34-45).  
List; one new comb. of a variety.
- : Notes on Asiatic moss flora. VII (J.Jap.Bot. 45, 1970, 21-28, fig.46-49).  
Several spp.; 1 new comb.; some new records for Malasia.

- : A revision of the subfamily Bryoideae in Australia, Tasmania, New Zealand and the adjacent islands (Musci) (J.Fac.Educ.Tottori Univ.Nat.Sci. 21, 1970, 7-67, 41 fig.).  
Keys.
- Raghavan, R.S. & B.M.Wadhwa: Mosses of Agumbe-Hulical ranges, Shimoga District (Bull.Bot.Surv.India 10, 1969, 344-347, 5 fig.).  
High-rainfall area; 28 spp. (2 new for India).
- Schultze-Motel, W.: Ephemeropsidaceae - ein neuer Name für eine Familie der Laubmoose (Musci) (Taxon 19, 1970, 251-252).  
New name for illeg. name Nemataceae.
- Schuster, R.M.: Studies on Hepaticae. 18. The family Jungermanniaceae, s.lat.: a reclassification (Trans.Br. Bryol.Soc. 6, 1970, 86-107, 2 fig.).  
Keys to subfamily and genera.
- : Studies on antipodal Hepaticae. III. Jubulopsis Schuster, Neohattoria Kamimura and Amphijubula Schuster (J.Hattori Bot.Lab. 33, 1970, 266-304, 6 fig.).
- Seki, T.: A revision of the family Sematophyllaceae of Japan with special reference to a statistical demarcation of the family (Musci) (J.Sci.Hiroshima Univ. 12, 1968, 1-80, 28 fig., 11 tab.).
- Smith, G.L.: New combinations in Polytrichaceae (Musci) (Phytologia 18, 1969, 403).  
Incl. some of continental Asia.
- Srinivasan, K.S.: An ecological and distributional resumé of the liverworts and mosses of India (Bull.Bot.Surv. India 10, 1969, 377-380).  
Plant-geographical comparison; ecology; general.
- Tamás, P.: Fifth contribution to the Bryoflora of North Vietnam (Bot.Közlemények 56, 1969, 139-147, 2 fig.).  
In English.
- Tixier, P.: Bryophytae indosinicae: Reliquiae Pierreanae. Bryophytes of L.Pierre's herbarium (Nat.Hist.Bull.Siam Soc. 22, 1968, 283-287).  
Small collection; spp. listed almost all mosses; 4 hepatics.
- : Colelejeunea de l'Asie du Sud-Est. I. Leonidentés et espèces affines (Hepat.) (Rev.Bryol.et Lichén. 36, 1969, 543-594, 23 fig., 3 tab.).  
Key to sect. and 21 spp.

- Touw, A.: Miscellaneous notes on Thai mosses (Nat.Hist.Bull. Siam Soc. 22, 1968, 217-244).  
195 spp. listed (84 new to Thailand), 1 new comb.
- Váňa, J.: Eine neue Lebermoosart aus Neukaledonien (Hepat.) (Öst.Bot.Z. 118, 1970, 233-236, 1 Abb.).  
New Nardia.
- Vohra, J.N.: New records of mosses from Western Himalayas (Bull.Bot.Surv.India 10, 1969, 394-396, 7 fig.).  
4 spp. descr. and pictured.
- Wang, Chung-k'uei: A collection of mosses from Botel Tobago (Biol.Bull.Tunghei Univ. 38, 1969, 1-17, 2 fig.).  
Coll. S.S.Lin in 1967; various are new to the island.  
No phytogeogr. discussion about the affinity of the moss flora; 39 spp. listed.
- Zanten, B.O.van: Verslag van een verzameltocht naar Australië en Nieuw Guinea, Australië, Nieuw Zeeland, Guadalcanal, Luzon, en Japan, 5 juni-17 dec. 1968 (1970) 66 pp.  
mimeogr. folio.  
In Dutch. Report on exploration, mainly of mosses.  
Diary.

d) Pteridophytes:

- Brownlie, G.: Flore de la Nouvelle-Calédonie et dépendances. 3. Ptéridophytes (1969) 1-307, 39 pl.  
Full elaboration with keys, descr., and index.
- Ching, R.C.: Two new names for two species of Angiopteris (Maratt.) (Act.Phytotax.Sin. 8, 1963, 279).
- : A reclassification of the family Thelypteridaceae from the mainland of Asia (Act.Phytotax.Sin. 8, 1963, 289-335).
- : Some new nomenclatural combinations of ferns (Act. Phytotax.Sin. 10, 1965, 301-304).
- Churchill, D.M.: The fossil occurrence of Lygodium in Australia (Schizaeac.) (N.Jahrb.f.Geol.u.Paläont. Monatsh. 1969, 257-265, 3 fig.).  
In Queensland of Eo- or Oligocene age, closely allied to the living New Zealand L. articulatum.
- Devol, Ch.E.: The Pteridophyta of Taiwan. 4. The aquatic ferns of Taiwan (Taiwania 13, 1967, 1-11, 2 fig.).  
4 spp.; keys; descr.
- : Ditto. 5. Hymenophyllaceae: Trichomanes (Taiwania 14, 1968, 89-132, 14 pl., 1 tab.).  
Revision in which the small-genus concept is adopted; none new.

- : Ditto. 6. Hymenophyllaceae: Hymenophyllum (Taiwania 15, 1970, 271-299, 13 pl.).  
Revision; key to 16 spp.; chromosomes; 1 new sp.
- Hennipman, E.: Some novelties in Bolbitis from Asia and the Pacific (Filices) (Blumea 18, 1970, 147-149).  
5 spp., some new comb.
- Holttum, R. E.: A commentary on some type specimens of ferns in the Herbarium of K. B. Presl (Nov. Bot. Inst. Bot. Univ. Carol. Prag. 1968, 3-57).  
Notes on Presl's herbarium and the Haenke collections; interpretations of ferns in Reliq. Haenkeanae and Epim. Botan. with comments; a few new comb.
- , U. Sen & D. Mittra: Studies in the family Thelypteridaceae. II. A comparative study of the type-species of Thelypteris Schmidel, Cyclosorus Link, and Ampelopteris Kunze (Blumea 18, 1970, 195-215, 112 fig.).
- Iwatsuki, K.: Taxonomic studies of Pteridophyta. IX (Act. Phytotax. Geobot. 24, 1970, 182-188, 5 fig.).  
Syst. position of Microchlaena; 1 sp. recognized.
- Joncheere, G. J. de & E. Hennipman: Two new species of Platycerium and the identification of P. Grande (Fee) Presl (Polypod.) (Brit. Fern Gaz. 10, 1970, 113-118, 6 fig., pl. 11-12).  
Proper typification of P. grande; the Australian material under this name is a new species, P. superbum. From Thailand and Indo-China a n. sp. is described, P. holttumii.
- Kramer, K. U.: The Lindsaeoid ferns of the Old World. V. The smaller Pacific Islands (Polypod.) (Blumea 18, 1970, 157-194, 9 fig., 1 tab.).  
Keys to genera and species.
- Mehra, P. N. & K. K. Dhir: Ferns and fern-allies of Dalhousie Hills (Bull. Bot. Surv. India 10, 1969, 296-308, 1 map, 4 pl.).  
Ecological notes followed by name list; no novelties.
- Mital, P. L.: Ferns and fern-allies of Rajasthan (J. Bomb. Nat. Hist. Soc. 66, 1969, 31-42).  
List of names and records.
- Morton, C. V.: A further note on the type of Platycerium alcicorne (Polypod.) (Amer. Fern J. 60, 1970, 7-12, pl. 3-4).  
Disagrees with the typification by de Joncheere, resulting that P. alcicorne becomes a synonym of P. stemaria.

- : Pyrrosia princeps (Mett.) Morton, comb.nov., a fern new to cultivation (Polypod.) (Amer.Fern J. 60, 1970, 118-119).  
Stems from New Guinea.
- : Review of R.E.Holttum: A commentary on some type specimens of ferns in the herbarium of K.B.Presl (Amer.Fern J. 60, 1970, 119-123).  
Critical notes.
- Nakaike, T. & S. Kurata: Distribution maps of Japanese Pteridophytes. 1 (Sci.Rep.Yokosuka Cy.Mus. no 15, 1969, 49-65, 4 pl., illust.).
- Panigrahi, G. & R.D. Dixit: Notes on three species of Gleichenia in India (Gleichen.) (Bull.Bot.Surv.India 10, 1969, 337-340, 27 fig.).  
Key to 4 spp.
- & ----- : Studies in Indian Pteridophytes. II. The family Osmundaceae in India (J.Ind.Bot.Soc. 48, 1969, 90-101, 29 fig.).  
Revision; key to 5 spp.
- Pichi-Sermolli, R.E.G.: Taxonomical notes on Nephrolepis cordifolia (L.) Pr. and related species (Polypod.) (Ann. Mus.Civ.Storia Natur.Genova 77, 1969, 270-277).  
Key to 6 spp., mostly non-Malesian.
- : Fragmenta Pteridologiae. II (Webbia 24, 1970, 699-722).  
10 new families proposed. Pseudophegopteris and Macrothelypteris are united; many new comb. under the latter name incl. names from Malesian spp. In Hymenoph. Crepidophyllum is replaced by Reeddiella: 10 new comb. (also from Malesia); one comb. in Huperzia; correct authority for Psilotum nudum.
- Serizawa, S.: Taxonomical notes on Asian ferns. 1 (J.Jap.Bot. 45, 1970, 117-122, 3 fig.).  
Athyrum, Asplenium (new var.), Pyrrosia (new hybr.); of the first, Athyrum, a new species.
- : Ditto. 2 (J.Jap.Bot. 45, 1970, 262-266, 2 fig.).  
Polystichum and 1 new sp. of Athyrum from Japan.
- Sinha, B.M.B. & I. Manton: Cytotaxonomic studies in the Adiantum caudatum complex of Africa and Asia. III. Segmental allopolyploid origin of A.malesianum Ghatak (Polypod.) (Bot.J.Linn.Soc. 63, 1970, 247-264, 7 fig., 2 pl.).  
Relationship to other species in genome composition.

- Sleep, A.: An introduction to the ferns of Japan (Brit. Fern Gaz. 10, 1970, 127-141, 1 fig., pl. 13-16).  
General survey.
- Tagawa, M. & K. Iwatsuki: New or interesting ferns from Thailand. 6 (Act. Phytotax. Geobot. 24, 1970, 175-181).  
New *Crypsinus* sp.; records; key to 10 spp. of *Araio-*  
*stegia*.
- Tryon, R.: The classification of the Cyatheaceae (Contr. Gray Herb. Harv. Univ. 200, 1970, 3-53, 50 fig., 1 tab.).  
Dicksoniaceae are excluded; 8 genera; key to genera;  
many new comb.; also for Asia and Malesia.
- Walker, T. G.: Species of Pteris commonly in cultivation (Polypod.) (Brit. Fern Gaz. 10, 1970, 143-151, 11 fig.).  
Key to 12 spp.
- e) Spermatophytes & General subjects:
- Ahmed, M. & P. K. Durrani: The Flora of Wails in Srinagar (Bot. Jahrb. 89, 1970, 608-615, 2 tab.).
- Ahuja, K. K. & P. J. Cherian: Canscora concanensis C. B. Cl. in Maharashtra (Gent.) (J. Bomb. Nat. Hist. Soc. 66, 1969, 655-657, 4 fig.).
- Almeida, M. R.: Three new grasses from the former Bombay Presidency (J. Bomb. Nat. Hist. Soc. 66, 1969, 510-517, 2 pl.).  
New species in *Dimeria* (1), *Ischaemum* (2), and *Arthraxon* (2).
- Anderson, J. A. R.: Criteria for the selection of areas for National Parks in Sarawak, Malaysia (IUCN Publ. n. s. no 10, 1968, 368-370).
- Anonymus: A rare palm from Thailand (Principes 14, 1970, 107-108, fig. 1).  
An undescribed *Licuala*, *L. elegans* nom. prov.
- Asai, Y.: Miscellaneous notes on the naturalized flora of Japan. 1. A consideration on the routes of introduction of alien weeds to Japan (J. Jap. Bot. 45, 1970, 109-114, 4 fig.).  
General; rapid post-war increase of aliens; in all c. 800 spp.
- Aslam, M. & S. L. Kapoor: A note on *Sonerila arguta* R. Br. ex Naud. (Melast.) (J. Bomb. Nat. Hist. Soc. 66, 1969, 661-662, 10 fig.).
- Baas, P.: Floral and vegetative anatomy of *Eliaea* from Madagascar and *Cratoxylum* from Indo-Malesia (Guttif.) (Blumea 18, 1970, 361-391, 6 fig.).  
Kept as separate genera, though allied.

- Babu, C.R.: Anthriscus scandicina (Weber) Mans.: a new record for India (Umbell.) (J.Bomb.Nat.Hist.Soc. 65, 1968, 807-808).
- : A new name in Campanula Linn. (Campan.) (J.Bomb.Nat.Hist.Soc. 65, 1968, 808-809).  
For *C.canescens* DC., non Roth.
- \*----- : Investigation on the herbaceous flora of Dehra Dun with special reference to ravines and river-beds. Thesis. Univ.Calcutta (1969) 1464 pp. typed, pl., photographs, graphs).  
A very full flora.
- & A.N.Henry: A new generic name in the Urticaceae (Taxon 19, 1970, 651).  
*Distemon* Wedd. 1857, non Bouché 1844 is renamed *Neodistemon* Babu & Henry.
- Badillo, V.M.: Esquema de las Caricaceae (Agronomia Tropical 17, 1967, 245-272).  
A concise revision of the family; keys to genera and species. In Spanish.
- \*Baglin, D. & B.Mullins: Australian Banksias (Proteac.). Horwitz Publ., Sydney (1970) 35 pp., text illust. col.; 80.
- Bakhuizen van den Brink Jr, R.C.: Nomenclature and typification of the genera of Rubiaceae-Naucleae and a proposal to conserve the generic name Nauclea L. (Taxon 19, 1970, 468-480).  
Status of names; one new genus *Metadina* based on *M. trichotoma* (Z. M.) Bakh.f.
- Balakrishnan, N.P.: Studies in Indian Euphorbiaceae. III. Miscellaneous notes (Bull.Bot.Surv.India 10, 1969, 245).  
2 new comb.; 1 record.
- : Nomenclatural notes on some flowering plants. II (J.Bomb.Nat.Hist.Soc. 67, 1970, 57-66).  
Many new comb.
- Banerjee, D.K.: The grasses of Burdwan District, West Bengal (Bull.Bot.Surv.India 10, 1969, 246-250).  
75 spp. listed.
- Banerjee, R.N.: Brassaiopsis polyacantha (Wall.) Ban. comb. nov., a new name in Araliaceae (Indian For. 93, 1967, 341).  
*B. polyacantha* Ban. is based on *Hedera polyacantha* Wall. (1831).

- : An undescribed species of Brassaiopsis Decne et Planch. from Andamans (Aral.) (Indian For. 94, 1968, 775-777, 1 tab.).  
*B. andamanica* Ban. sp. nov. is described from a collection made by S. Kurz in Black Creek, South Andaman (CAL). From the list of synonyms it seems that the name is but a new combination.
- Banerjee, S.P. & P.K. Mukherjee: Studies in the Rhamnaceae. 1. *Smythea velutina* (Ridl.) S.P. Ban. & P.K. Mukh. nom. nov. and description of a new variety under it (Bull. Bot. Surv. India 10, 1969, 251-253, 1 fig.).
- Banerji, M.L. & B.B. Thapa: Orchids of Nepal. 1 (J. Bomb. Nat. Hist. Soc. 66, 1969, 286-296, 3 fig.).  
Mostly on *Bulbophyllum*; with key; no novelties.
- & ----- : Orchids of Nepal. 2. *Coelogyne*, *Pleione*, *Panisea* (J. Bomb. Nat. Hist. Soc. 66, 1969, 577-583, 11 fig.).  
Keys to *Coelogyne* and *Pleione*; no novelties.
- \*Barnard, C.: Herbage plant species: a companion volume to the Australian herbage plant register, with descriptions of important introduced herbage plant species of which no cultivars have been registered to date. C.S.I.R.O. Div. Plant Industry, Canberra (1969) iv + 154 pp.; 8°.
- Basak, R.K.: A note on the distribution of some plants in Birbhum District, West Bengal (Bull. Bot. Surv. India 10, 1969, 254-257).  
Select list; no novelties.
- Basjarudin, H.: Problems of National Parks and Reserves in Indonesia and emerging countries (IUCN Publ. n.s. no 10, 1968, 386-393, map (with principal conserved areas)).  
Protected animals listed; survey of conserved area in Indonesia; general organisation of conservation in Indonesia.
- : Recent developments in the field of National Parks, Nature Reserves and natural areas (Rimba Indonesia 13, 1968, 12-29, 1 tab.).  
With English summary. Nature conservation and its problems in Indonesia.
- Basu, S.K.: The Indian Botanic Garden, Calcutta (Principes 13, 1969, 115-119, 10 fotogr.).  
Palms in the Indian Botanic Garden.

BEARD, J.S.: The natural regions of the deserts of Western Australia (J.Ecol. 57, 1969, 677-711, 5 fig., 4 photographs).

A most interesting paper with data on soils, climate and geology of W. Australia, its topography and the botanical definition of its 7 proposed provinces, partly semi-deserts. Economic use. Life forms in other continents are compared. Succulents in Austr. are few and those all leaf succulents which are halophytes. Succulents are found on base-rich soils (Africa, America) but the poor deficient, often sandy Austr. soils have produced sclerophylly. Austr. desert stems certainly at least from the Miocene.

----- : The Botanic Gardens of King's Park in Perth, Western Australia (J.R.Hort.Soc. 95, 1970, 296-302).

A general outline of the function and growth of this Garden in King's Park, dating from 1872 and situated in the heart of the Metropolitan area, 400 ha in surface. It is at the same time a natural bush and botanical reserve (4/5 of the surface). Work on the botanical garden project started in 1962; a seed collector travels all over the state to collect seed.

\*Bedford, R.B.: A guide to native Australian orchids. Angus & Robertson, Sydney (1969-1970) (vii) + 134 pp., frontispiece, 7 col.pl., 53 text illust.; 8°.

Belcher, R.O.: Torenia patens Pennell - a new species of Scrophulariaceae from Assam (Kew Bull. 23, 1969, 463-464, pl.5).

Benl, C.: Beitrag zu einer Revision der Gattung Ptilotus R.Br. (Amaranth.) (Mitt.Bot.Staatssamml.Munch. 7, 1970, 303-319, 1 pl.).

Critical notes; 1 new sp. from S.Australia.

Bennet, S.S.R.: A new variety of Peristrophe bicalyculata (Retz.) Nees, from W.Bengal (Acanth.) (J.Bomb.Nat.Hist.Soc. 66, 1969, 229).

Bhandari, M.M.: Flora of the Indian desert. VI. Additions, corrections and some nomenclatural notes (Ann.Arid Zone 6, 1967, 199-210, 2 fig.).

Key to 2 Cadabas (Capp.) and various other records.

Biswas, S.N.: Some new combinations in Lithocarpus Blume (Fagac.) (Bull.Bot.Surv.India 10, 1969, 258-259).  
*L.grandifolius* (D.Don) with 6 varieties.

Blake, S.T.: A revision of Carpobrotus and Sarcozona in Australia, genera allied to Mesembryanthemum (Aizoac.) (Contr.Queensl.Herb. no 7, 1969, 1-65, 15 fig.). Keys.

- : Studies in Cyperaceae (Contr.Queensl.Herb. no 8, 1969, 1-48, 2 fig.).  
A large contribution on various genera: *Fimbristylis*; *Scirpus*; *Gahnia* with key to spp.; *Schoenus*; *Oreobolus*; *Baumea* and *Morelotia* reinstated.
- : Taxonomic and nomenclatural studies in the Grami-  
neae. 2 (Proc.R.Soc.Queensl. 81, 1969, 1-26).  
Important notes; on *Ancistrachne* (new comb.), *Brachi-  
aria*, *Digitaria*, *Ectrosia* (*Ectrosiopsis* reduced), and  
*Panicum*.
- Boomsma, C.D.: Contributions to the records of Eucalyptus  
l'Heritier in South Australia (Myrt.) (Trans.R.Soc.S.  
Austr. 93, 1969, 158-162, 1 fig., 2 pl.).  
Nomenclature of 3 spp., 5 others discussed.
- Bor, N.L.: *Pennisetum lanatum* Klotzsch in Garcke (Gram.) (in  
Hook. Ic.Pl. 37, 1969, t.3672, pp.1-4).  
Indian species.
- : The strange case of the genus "Aeluropus" Trin.  
(Gram.) (*Webbia* 24, 1969, 401-409).  
1 sp. with full synonymy; Ceylon plant.
- Bowden, J.K.: *Eria Pannea* (from SE.Asia and W.Malesia) (Orch.)  
(*Curtis's Bot.Mag.* 177, 1970, tab.570).
- Bremekamp, C.E.B.: Scrophulariaceae-Nelsonieae, Acanthaceae,  
and Thunbergiaceae (*Dansk Bot.Ark.* 27, 1969, 73-85).  
List of records; 5 new spp. in *Staurogyne*; 2 new spp.  
in *Mananthes*; 1 in *Rostellularia*; a few new comb.
- Bruggen, H.W.E.van: De Aponogetonaceae van Australië. 2.  
*Aponogeton queenslandicus* v.Bruggen (*Het Aquarium* 41,  
1970, 98-101, 7 fig.).  
In Dutch. Detail notes.
- : Revision of the genus Aponogeton. 4. The species of  
Asia and Malesia. 5. New data on *A.tenuispicatus*  
v.Bruggen (*Blumea* 18, 1970, 457-487, 7 fig., 1 pl.).  
Key to 11 spp. (1 new from New Guinea). Note on *A.*  
*tenuispicatus* from Madagascar.
- Brugues, J.: Economic and medicinal flora of the Cagayan val-  
ley (*Act.Manilana* 4, 1968, 59-80).  
Old report with vernacular names of a priest made  
available by adding Latin names; only of historical  
value for economic plants.
- Brummitt, R.K.: Notes on two south-east Asian species of Le-  
guminosae, *Cathormion umbellatum* and *Pericopsis moon-  
iana* (*Kew Bull.* 24, 1970, 231-234).

- Brunig, E.F.: The classification of forest types in Sarawak (Mal.For. 32, 1969, 143-179, 7 fig., 2 tab.).  
Types under the following main headings: beach forest, mangrove, peat swamp, mixed Dipterocarp, kerangas, riverine (incl. freshwater swamp forest), montane and limestone to be eventually distinguished. Each subtype defined by topography, vegetational aspect, occurrence.
- Bui, Ngoc-sanh: Araliacées nouvelles de l'Indochine (Adansonia 9, 1969, 389-394, 2 pl.).  
New Dendropanax; Pentapanax in Indo-China (3 spp., one new).
- Bullock, J.A.: Productivity of the rain-forest ecosystem (Mal.Nat.J. 22, 1969, 198-205).
- & Khoo-bin Khong: The litter layer (Mal.Nat.J. 22, 1969, 136-143, 3 fig., pl.23-26).
- \*Burbidge, N.T.: The wattles of the Australian Capital Territory. Revised edition. Canberra (1967) 10 pp., 20 pl.; 80.  
Acacia spp.
- : Notes on Vittadinia triloba sens.lat. (Compos.) (Proc.Linn.Soc.N.S.W. 93, 1969, 439-443, 1 fig.).  
5 spp. incl. under this concept; one new name; key.
- & M.Gray: The plants of the Australian Capital Territory (Div.Plant Industry Techn.Pap. no 21, 1965, 1-130, offset).  
Incl. Fungi, mosses, ferns and spermatophytes. Keys to families and genera. Good for local use.
- Burgess, P.F.: Ecological factors in hill and mountain forests of the States of Malaya (Mal.Nat.J. 22, 1969, 119-128, 1 fig.).
- : Colour changes in the forest: 1968-69 (Mal.Nat.J. 22, 1969, 171-173).
- : Preliminary observations on the autecology of Shorea curtisii Dyer ex King in the Malay Peninsula (Dipt.) (Mal.For. 32, 1969, 438).
- Burtt, B.L.: Studies in the Gesneriaceae of the Old World. XXXIII. Some species of Cyrtandra, chiefly Bornean (Not.R.Bot.Gard.Edinb. 30, 1970, 23-42, 1 fig.).  
34 Bornean spp. are annotated (2 transferred from Didymocarpus; 2 are new records of Philip. spp.; 3 spp. reduced). Notes on the Javanese C.pilosa and the Moluccan C.decurrens; 9 new spp.; 1 new name, 1 new comb.

- \*Carpenter, J.B. & P.C. Reece: Catalog of genera, species, and subordinate taxa in the orange subfamily Aurantioideae (Rutac.) U.S. Dept. Agric., Agric. Res. Service, Crops Res. Div. (1969) 181 pp.  
A valuable name list.
- Carr, S.G.M., D.J. Carr & A.S. George: A new Eucalypt from Western Australia (Myrt.) (R. Soc. Vict. Proc. 83, 1970, 159-170, 8 fig., 1 pl.).
- Carrodus, B.N. & T.J. Blake: Studies on the lignotubers of Eucalyptus obliqua Hérit. (Myrt.) (The New Phytologist 69, 1970, 1069-1072, 1 tab., 4 pl.).  
Function not primarily to reserve starch, but for storage of buds in a protected position.
- Chang, Ching-en: Unrecorded plants from Taiwan. V (Bull. Taiw. Prov. Ping Tung Inst. Agric. 10, 1969, 53-58, 4 fig.).  
*Piper arborescens* Roxb., *Elaeocarpus multiflorus*, *Vaccinium kengii* n.sp., *Planchonella duclitan*.
- Chang, Hung-ta: A new genus of Theaceae in South China (Act. Phytotax. Sin. 8, 1963, 287-288, pl. 37).  
*Parapyrenaria* n.g.
- Chapman, V.J.: Conservation of island ecosystems in the South-West Pacific (Auckl. Univ. Repr., Bot. ser. no 104, 1970, 159-165, 1 fig., 2 tab.).
- Chen, Yung-Reui: Observations on Pleione formosana Hayata (Orch.) (Taiwania 15, 1970, 253-270, 10 pl., 3 tab.).  
Anatomy; function of velamen: prevents water loss and protects from mechanical injury. See also under Chiang & Chen.
- Chevalier, J.P., M. Denizot, J.L. Mougin, Y. Plessis & B. Salvat: Étude géomorphologique et bionomique de l'Atoll de Mururoa (Tuamotu) (Cah. du Pac. 12, 1968, I-VI + 1-189, 62 fig., 24 pl.).  
On p. 133-134 there is a plant list incl. Cryptogams.
- Chew, Wee-Lek: Plants conservation of habitats (IUCN Publ. n.s. no 10, 1968, 337-339).  
More important than conservation of single species.
- : A monograph of Dendrocnide (Urtic.) (Gard. Bull. Sing. 25, 1969, 1-104, 38 fig., 1 map).  
Formerly under *Laportea*; key to 36 spp. (several new); descr.; synonymy. Monograph.
- : A monograph of Laportea (Urtic.) (Gard. Bull. Sing. 25, 1969, 111-178, 22 fig.). Monograph; incl. *Fleurya* and *Sceptrocnide* but minus the ligneous *Dendrocnide*. Total 22 spp.; ubiquitous.

- Chiang, You-Long & Yung-Reui Chen: Observations on *Pleione formosana* Hayata (Orch.) (Taiwania 14, 1968, 271-301, 17 fig., 9 tab.).  
Anatomy; variability; ecology.
- Chohan, J.G. & G.L. Shah: Some more plants from Pavagadh Hill, near Baroda (J. Bomb. Nat. Hist. Soc. 66, 1969, 405-409).  
List of records; no novelties.
- Choke, Ho Coy & M.E.D. Poore: The value of the Mount Kinabalu National Park, Malaysia, to plant ecology (IUCN Publ. n.s. no 10, 1968, 371-379, fig. 11-16).  
Botanical importance; zonation; bedrocks; importance of Pinosuk plateau in this respect; autecology of *Podocarpus imbricatus*.
- Chun, Woon-Young: Genus speciesque novae Magnoliacearum sinensium (Act. Phytotax. Sin. 8, 1963, 281-286, pl. 35-36).  
*Tsoongi dendron* n.g.; new spp. in *Magnolia* (1) and *Michelia* (1).
- & Tsing Ying: Materials for the Flora of Hainan. I (Act. Phytotax. Sin. 8, 1963, 259-278).
- c.s.: Ditto. II (Act. Phytotax. Sin. 8, 1963, 341-357).
- Clancy, B.: Taiwan venture (The Rhododendron 9, 1970, 13-14).  
News about Taiwan Rhododendrons and recent endeavours to grow them.
- Clayton, W.D.: A new species of *Parahyparrhenia* (Gram.) (Dansk Bot. Ark. 27, 1969, 69-70).  
Largely African genus; 5 spp. in Indo-China, 1 in Thailand.
- : A revision of the genus *Hyparrhenia* (Gram.) (Kew Bull. Add. Ser. II, 1969, 198 pp., 35 fig., 15 maps, 9 tab.).  
A full monograph; 50 spp. keyed out. Unfortunately both collections and literature of Malesia have been neglected which gives rise to several inaccuracies. This is due to the fact that the author based his data mainly on Kew specimens only.
- : Studies in the Gramineae. XXI. *Coelorhachis* and *Rhytachne*: a study in numerical taxonomy (Kew Bull. 24, 1970, 309-314, 4 fig., 2 tab.).  
This numerical analysis resulted in 1 new comb., *Hemiarthria pratensis* (Balansa) W.D. Clayton (*Rottboellia pratensis*, *Coelorachis pratensis*, *H. subulata* Reeder) from SE. Asia and New Guinea.
- & J.R. Harlan: The genus *Cynodon* L.C. Rich. in tropical Africa (Gram.) (Kew Bull. 24, 1970, 185-190). Key.

- Cockburn, P.F.: Gunong Mandi Angin, Trengganu: a botanical visit (Mal.Nat.J. 22, 1969, 164-170, 1 fig., pl.40-41).
- Connor, H.E.: Gynodioecism in *Danthonia archboldii* (Gram.) (Austr.J.Bot. 18, 1970, 233-236, 1 fig., 2 tab.).
- \*Coode, M.J.E.: Combretaceae. Manual of Forest Trees of Papua and New Guinea. Part 1 (revised). Div.of Bot., Lae (1969) 86 pp. mimeogr., 32 page fig., 8 maps, 10 photogr.  
Since the 1st ed. (1964) of the Forester's Manual was out of print and much new material had accumulated, a thorough new revision proved necessary. Of *Terminalia* 4 new spp. are incorporated, officially to be descr. in Kew Bull. (in press). Problems to be solved are indicated.
- Cooling, E.N.G. & H.Gaussen: In Indo-China *Pinus merkusiana* sp.nov. et non *P.Merkusii* Jungh.& De Vriese (Conif.) (Trav.Lab.For.Toulouse t.1, vol.VIII, art.VII, 1970, 1-8, 1 fig.).  
Differences tabulated; diagn. To me these are 2 growth forms both also in Sumatra, one from trees grown in rain-forest 'eyes', the other from open, grassy succession savannahs mostly pyrogenous.—v.St.
- Cooper, R.C.: *Pittosporum bracteolatum* Endl. from Norfolk Island (Pittosp.) (Rec.Auckl.Inst.& Mus. 7, 1970, 137-141, 5 fig.).  
Grown from a seedling.
- \*Corbett, D.W.P. (ed.): The natural history of the Flinders Ranges. Adelaide (1969) xv + 356 pp., frontispiece, map, 40 pl., 1 map col. folding, text illust.; 8°.  
Libraries Board of Australia.
- Corner, E.J.H.: *Ficus* in the Solomon Islands and its bearing upon the post-Jurassic history of Melanesia (Morac.) (Trans.R.Soc.Lond. B 253, 1967, 23-159, 69 fig.).  
Solomons have 63 spp. (23 endemic); 4 infrageneric taxa are assumed to have arisen in the Solomons and spread through Malesia to Asia. Melanesia is a centre of *Ficus* evolution; the oldest route is the tropical connected with South America; one arc links N.New Guinea with Bismarcks, Solomons, New Hebrides and possibly Fiji; an other S.New Guinea with Queensland and New Caledonia; a subsidiary connects the Solomons, New Hebrides and New Caledonia. Pachycauls are the most ancient; and pachycaul geography becomes a basis for phytogeography.

----- : The complex of *Ficus deltoidea*; a recent invasion of the Sunda Shelf (Morac.) (Phil.Trans.R.Soc.Lond. B 256, 1969, 281-355, 30 fig.).

Detailed account of the complex of *F. deltoidea* Jack and *F. oleaefolia* King is given in order that its problems may be taken up in the field; 13 var. of *F. deltoidea* are distinguished, 8 of *F. oleaefolia*. The link between them is *F. deltoidea* var. *motleyana* (Miq.) Corner. Clear evolutionary trends to very small figs and leaves and to dichotomous venation supply the evidence for the conclusions that the most reduced state *F. deltoidea* var. *angustifolia* (Miq.) Corner is the most widely spread; that the complex advanced into the lowland and mountain forests of the Sunda Shelf from Borneo; that the original connexion was with the ancestors of ser. *Podosyceae* Corner in the Philippines; that the large seed is a primitive retention; that the complex did not evolve through vicarious disruption of a widespread ancestor; and that, as a recent development of *Ficus*, possibly still in the making, it represents most clearly the manner of speciation and geographical distribution prevalent in the genus. New taxa: *F. deltoidea* Jack var. *kinabaluensis* (Stapf) Corner, *F. oleaefolia* King var. *linearifolia* Corner and var. *valida* Corner.

----- : *Ficus* subg. *Ficus*. Two rare and primitive pachycaul species (Morac.) (Phil.Trans.R.Soc.Lond. B 259, 1970, 353-381, 32 fig.).

*F. diamantiphylla* (sect. *Ficus* ser. *Auratae*) n.sp. from Borneo and *F. sciaphylla* (sect. *Sycidium* ser. *Copiosae*) from New Britain, both pachycaul, endemic and primitive; the first links with ser. *Eriosyceae*, and it is shown how subsect. *Eriosycea* bears upon the Sino/Himalayan origin of ser. *Caricae* with *F. carica* L. Primitive and advanced spp. of *Ficus* live in the same forest, and are not vicarious.

----- : New species of *Streblus* and *Ficus* (Morac.) (Blumea 18, 1970, 393-411, 11 fig.).

*Pseudostreblus* sect. nov.; 3 n.spp. in *Streblus* from the Solomons. In *Ficus* various notes and 6 n.spp. from New Guinea, Solomons and New Hebrides.

Cragg, J.B. & H.A. Haantjens: Regional seminar on ecological methodology and conservation in South-East Asia (Nat. & Resources 6, 1970, 13-17).

Report on Unesco training course in Bangkok 11-17 Dec. 1969.

- Crosswhite, F.S. & S.Kawano: Pennellianthus - a new genus of Japan and USSR (Scroph.) (Amer.Midl.Natur. 83, 1970, 358-367, 3 fig.).  
Segregate of *Pentstemon* for a N.Japanese sp., the only outside America.
- Dakshini, K.M.M.: *Heliotropium curassavicum* Linn.: an addition to the flora of northern India (Borrag.) (J.Bomb. Nat.Hist.Soc. 66, 1969, 660-661).
- Das, D.: Two new species of Annonaceae from Eastern India (Bull.Bot.Surv.India 10, 1969, 263-266, 2 fig.).  
*Trivalvaria* and *Fissistigma*.
- \*Datta, S.C.: A handbook of systematic botany (1970) i-xv + 1-562, 91 fig.  
A textbook of systematy at family level of Angiosperms. Short introductory parts on principles and practices in taxonomy. Adapted to India. Usefulness for students must be greatly hampered by absence of a key to the families. Each family with short discussion on position, affinity and economic aspects.
- Dawson, J.W.: Pacific capsular Myrtaceae. 1. Reproductive morphology of *Arillastrum gummiferum* Planch. ex Baillon (New Caledonia) (Blumea 18, 1970, 431-439, 32 fig., 1 pl.).  
Detailed morphology.
- : Ditto. 2. The *Metrosideros* complex: *M.collina* group (Ibid. 441-445, 25 fig.).
- : Ditto. 3. The *Metrosideros* complex: *Mearnsia halconensis* group and *Metrosideros diffusa* group (Ibid. 447-452, 25 fig.).
- Debb, D.B.: A new species of *Petasites* Gaertn. from India (Compos.) (Indian For. 93, 1967, 255-257, 6 fig.).
- Defilipps, R.: Parasitism in *Ximenia* (Olac.) (*Rhodora* 71, 1969, 439-443, 2 fig.).  
*X.americana*.
- Degener, O. & I.Degener: Book Review. The genus *Pelea*, with pertinent and impertinent remarks (Rutac.) (*Phytologia* 19, 1970, 313-319).  
A detailed review with the reviewer's opinion; 2 new names proposed.
- DeWolf, G.P.: The problems of *Ficus dicranostyla* Mildbr. (Morac.) (*Kew Bull.* 23, 1969, 501-506, 1 fig., 1 map).  
Distribution of *F.albipila* allied to an African species.

- \*Dockrill, A.W.: Australasian Sarcanthinae: a review of the subtribe Sarcanthinae in Australia and New Zealand (Orch.). The Australas.Orch.Soc. (1967) (viii) + 41 pp., 43 pl.  
Revision; keys to genera and species of Australia, Tasmania and New Zealand.
- \*----- : Australian indigenous orchids. I. The epiphytes; the tropical terrestrial species (1969) I-XXIII + 1-825, many fig., 30 pl.  
A full treatment, magnificent and important; not a few species occur also in Malesia, predominantly in Papua. Keys; descr., all fig. with habit and details.
- Doing, H.: Botanical geography and chorology in Australia (Belmontiana 13, 1969, 1970, 81-98, 3 tab., 1 col. map).  
General notes on botanical provinces of Australia and their characteristic species.
- Dransfield, J.: Palms in the Malayan forest (Mal.Nat.J. 22, 1969, 144-151, pl.27-39).
- & T.C.Whitmore: A Podostemaceae new to Malaya: Indotristicha malayana (Blumea 18, 1970, 153-155, 1 fig.).  
New sp. from Tahan R.; second one in the genus.
- Drury, D.G.: A fresh approach to the classification of the genus Gnaphalium with particular reference to the species present in New Zealand (Inuleae-Compositae) (New Zeal.J.Bot. 8, 1970, 222-248, 3 fig., 4 tab.).  
Groupings; chromosome numbers; no key to spp. or descr.
- Dutta, R.M. & C.R.Babu: Desmodium cephalotoides Craib (Papilionaceae), an interesting new record for India (Bull.Bot.Surv.India 10, 1969, 270-272, 9 fig.).
- Ellis, J.L. & M.S.Swaminathan: A new variety of Crotalaria madurensis from South India (Legum.) (J.Bomb.Nat.Hist. Soc. 66, 1969, 227-228, 1 pl.).
- Emura, K.M.: A cytotaxonomical study on the Eurasiatic species of the genus Cimicifuga. 1 (Ranunc.) (J.Jap.Bot. 45, 1970, 297-308, 3 fig., 2 pl., 1 tab.).  
Key to 6 Eurasiatic spp.; chromosomes all  $2n=16$ .
- Endress, P.K.: Molinadendron, eine neue Hamamelidaceen-Gattung aus Zentralamerika (Bot.Jahrb. 89, 1969, 353-358, 1 fig.).  
The (neotropical) Central American spp. of Distylium appear to belong to a new genus, not belonging to tribe Distylieae but rather allied to Fothergilla/Parrotiopsis and Sinowilsonia.

- Everist, S.L.: Use of fodder trees and shrubs (Queensl. Dept. Primary Industries, Div. Plant Ind. Advis. Leaflet. 1024, 1969, 44 pp., 37 photogr.).  
Detailed indications which trees can serve as fodder and how to manage.
- Eyde, R.H. & Ch.C. Tseng: Flower of Tetraplasandra gymnocarpa hypogynous with epigynous ancestry (Aral.) (Science 166, 24 Oct. 1969, 506-508, 1 fig.).  
Thought to be evolved in Hawaii from ancestors with epigynous fl.; for this reversal of evolution isolation from flower-eating predators and selection for increased outcrossing are hypothesized causes.
- Ferguson, I.K.: Phaleria chermsideana (from Australia) (Thym.) (Curtis's Bot. Mag. 177, 1969, tab. 556).
- : Index to Australasian taxonomic literature for 1968 (Regnum Vegetabile 66, 1970, 1-62).  
See Review in this Bulletin on p. 1912.
- Fernandez, P. & J. de Juan: Social and economic development of the province of Nueva Vizcaya, Philippines, 1571-1898 (Act. Manilana 5, 1969, 59-134).  
Old pre-1900 expeditions.
- Fineran, B.A.: The flora of the Snares Islands, New Zealand (Trans. R. Soc. New Zeal., Bot., 3, 1969, 237-270, 5 pl., illust.).
- Fosberg, F.R.: Plants of Satawal Island, Caroline Islands (Atoll Res. Bull. no 132, Aug. 1969, 13 pp.).  
Vegetation and plant list. 7°21' N, 147°02' E. Only beach and Barringtonia zone plants.
- : Miscellaneous notes on Hawaiian plants. 5. (Occ. Pap. B.P. Bish. Mus. 24, 1969, 9-24).  
Various notes; key to 5 spp. of Hypericum (Gutt.) (all introduced, one descr. as n.sp.); some new comb. of infraspecific taxa.
- & M. Evans: A collection of plants from Fais, Caroline Islands, 9°46' N, 140°31' E (Atoll Res. Bull. no 133, Aug. 1969, 15 pp.).  
Vegetation and plant list; only beach and Barringtonia zone plants.
- Fox, J.E.D.: Sepilok forest reserve and the international biological programme (Mal. For. 32, 1969, 414-421, 2 maps).  
I.B.P. studies in Sepilok F.R. (East Sabah).

- Franco, J.A.: On Himalayan-Chinese cypresses (Conif.) (Port. Act.Biol. Sér.B, 9, 1969, 183-195).  
Revision *Cupressus* from Chinese Himalaya; 1 new sp.
- Fryxell, P.A.: A redefinition of the tribe Gossypieae (Malv.) (Bot.Gaz. 129, 1968, 296-308, 7 fig.).  
Embryo structure and its pigment glands; chromosomes; and discussion of their importance for Malvaceae and delimitation from Bombacaceae. Key to genera of the tribe.
- \*Galbraith, J.: Wildflowers of Victoria. 3rd ed. (1st ed. 1956). Longmans, Croydon, Victoria (1967) xx + 163 pp., frontispiece col., pl. 1-175, text illust.; 80.
- Gaussen, H.: Les Araucarias de Nouvelle-Calédonie (Conif.) (Trav.Lab.For.Toulouse 1, 1969, 1-4, 2 fig.).  
13 spp. in New Caledonia; author works on monograph of 22 spp.
- Geesink, R.: An account of the genus Portulaca in Indo-Australia and the Pacific (Portul.) (Blumea 17, 1969, 275-301, 4 fig., 2 pl.).  
Morphological features; self-pollination is the rule, causing clonal uniform local populations; new subdivision of genus proposed; wholesale reduction of specific names; key to 11 spp., one new from NW.Australia, and one from Timor; key to 6 subspecies of *P.pilosa*.
- : Portulacaceae (Ident.Lists Mal.Specim. no 35, 1969, 518-528).
- : Duabanga taylorii Yawaweera. A putative hybrid (Sonner.) (Blumea 18, 1970, 453-456, 1 fig.).  
Stems probably from rare hybridization at Bogor; hybrid is fertile.
- George, A.S. & G.Erdtman: A revision of the genus Diplopeltis Endl. (Sapind.) (Grana Palyn. 9, 1969, 92-109, 5 pl., 1 tab., map of distr.).  
5 spp.; exclusively in West and Central Australia.
- Ghosh, R.B. & R.Prasad: Cleome rutidosperma DC., a new record for Assam (Cappar.) (J.Bomb.Nat.Hist.Soc. 67, 1970, 128-129).
- Gill, A.M.: The mangrove fringe of the Eastern Pacific (Bull. Fairchild Trop.Gard. 25, 1970, 7-11, 4 fig.).  
Hunting for root formations of the mangroves. The remarkably wrong conclusion is drawn that the mangrove of the eastern Pacific supports a more diverse flora than that of the western Pacific.

- Gillett, G.W. & E.K.S. Lim: An experimental study of the genus Bidens in the Hawaiian Islands (Aster.) (Univ. Calif. Publ. Bot. 56, 1970, 1-63, 29 fig., 6 tab.). Hybridisation played strong role in the islands. All spp. and their hybrids are hexaploid  $n=36$ . No key; interesting discussion.
- Gilli, A.: Pflanzen aus dem Transalai-Gebirge (Pamir) (Ann. Naturhist. Mus. Wien 72, 1968, 567-569, 1 Abb.). 36 plants listed.
- Gillison, A.N.: Structure and floristics of a montane grassland/forest transition, Doma Peaks region, Papua (Blumea 18, 1970, 71-86, 1 fig., 8 fotogr., 1 col. map). Descr. of environment and vegetation; transects.
- Given, D.R.: Taxonomic notes on the genus Celmisia (Compos.) (New Zeal. J. Bot. 7, 1969, 389-399, 5 fig.). 2 new spp.; 2 discussed.
- Godley, E.J.: Additions and corrections to the flora of the Auckland and Campbell Islands (New Zeal. J. Bot. 7, 1969, 336-348, 2 fig.). New or additional records; no novelties.
- Gonzalez Alonso, J.: The Batanes Islands (Act. Manilana 2, 1966, 1-141). General geogr. econ. hist. survey.
- Gray, M. & H.S. McKee: A list of vascular plants occurring on Black Mountain and environs, Canberra, A.C.T. (Div. Pl. Industry Techn. Pap. no 26, 1969, 1-29, 1 fig., 1 tab.). Name list only.
- Green, P.S.: Notes on Melanesian plants. II. Old World Heliconia (Musac.) (Kew Bull. 23, 1969, 471-478, 1 map). *H. indica* with 2 varieties from Moluccas eastward to Samoa.
- Grierson, A.J.C.: Primula rockii (from China) (Prim.) (Curtis's Bot. Mag. 177, 1969, tab. 555).
- Grieve, B.J. & E.O. Hellmuth: Eco-physiology of Western Australian plants (Oecol. Plant. 5, 1970, 33-67, 4 fig., 3 tab.). Microphyllism; vertical orientation; reflectance of light; all in order to reduce transpiration; sclerophyll; stomata behaviour; plasmatic drought resistance.
- Grushvitzky, I.V. & N.T. Skvortsova: Les espèces du genre Schefflera Forst. et Forst. f. en République Démocratique du Viêt-Nam (Aral.) (Adansonia 9, 1969, 369-387, 3 pl.). Sections and subsections listed with short descr.; within the latter keys to spp.; several new spp.

- Guillaumin, A. & J.M. Veillon: Plantes des Archipels Huon et Chesterfield (Bull. Mus. Nat. Hist. Nat. 41, 1969, 606-607).  
Northeast off New Caledonia. Plant list.
- Haantjes, H.A., J.R. McAlpine, E. Reiner, R.G. Robbins & J.C. Saunders: Lands of the Goroka-Mount Hagen area, Territory of Papua and New Guinea (Land Res. Ser. no 27, 1970, 1-159, 15 fig., 23 tab., maps).
- Hansen, B.: Balanophoraceae (Dansk Bot. Ark. 27, 1969, 27).  
List of 3 records, incl. *B. abbreviata* Bl.
- : A new species of Eriocaulon (Erioc.) (Dansk Bot. Ark. 27, 1969, 31-33, 2 fig.).  
*Eriocaulon* escape from 1300 m.
- : Xyridaceae (Dansk Bot. Ark. 27, 1969, 37-38).  
List of 9 records.
- & K. Larsen: Loranthaceae (Dansk Bot. Ark. 27, 1969, 13-20, 1 fig.).  
List of records.
- & ----- : Santalaceae (Dansk Bot. Ark. 27, 1969, 23-24).  
List of records.
- Hara, H.: A new species of Ceropegia from Bhutan (Asclep.) (Bull. Bot. Surv. India 10, 1969, 273, 1 fig.).
- : Variations in Paris polyphylla Smith, with reference to other Asiatic species (Liliac.) (J. Fac. Sci. Univ. Tokyo 10, 1969, 141-180, 15 fig., 6 tab., 6 pl.).  
Chromosomes and character variability. Tentative key to all 7 species. Revision of Asiatic spp. Protogynous but also selfing. In one section fruit is capsular. Thorough paper.
- : New or noteworthy flowering plants from Eastern Himalaya (7) (J. Jap. Bot. 44, 1969, 373-378, 2 fig.).  
Critical notes on *Trillium*, *Persicaria* and *Lonicera*. *Persicaria tenella* (Bl.) Hara comb. nov. (Polygon.).
- : Ditto (8) (J. Jap. Bot. 45, 1970, 91-95, 2 fig.).  
*Begonia* n.sp.; *Rhododendron* n.sp.; notes on a *Pyrola* and a *Gongronema* (Asclep.).
- : On the Asiatic species of the genus Panax (Aral.) (J. Jap. Bot. 45, 1970, 197-212, 4 fig., pl. 10-12).  
Subdivision of *P. ginseng* in Asia; key to infraspec. taxa.
- Hardon, J.J.: Interspecific hybrids in the genus Elaeis. II. Vegetative growth and yield of F<sub>1</sub> hybrids *E. guineensis* x *E. oleifera* (Palm.) (Euphytica 18, 1969, 380-388, 4 fig., 4 tab.).

- & G.Y.Tan: Interspecific hybrids in the genus Elaeis. I. Crossability, cytogenetics and fertility of F<sub>1</sub> hybrids of E.guineensis x E.oleifera (Palm.) (Euphytica 18, 1969, 372-379, 6 fig., 4 tab.).
- Hartley, T.G.: A revision of the genus Flindersia (Rutac.) (J.Arn.Arb. 50, 1969, 481-526, 7 maps).  
Complete revision; key to 16 spp.; embryol.; chromosomes of 4 spp.; ident. list.
- : Additional notes on the Malesian species of Zanthoxylum (Rutac.) (J.Arn.Arb. 51, 1970, 423-426).  
Some additions; no novelties; ident. list.
- Hartog, C.den: Ondinea, a new genus of Nymphaeaceae (Blumea 18, 1970, 413-416, 1 fig., 1 pl.).  
A singular plant from NW.Australia; alliance closest with Nymphaea; pollen descr.
- \*Harvey, N.B.: New Zealand botanical paintings, with text by E.J.Godley. Whitcombe & Tombs Ltd., Christchurch (1969) 87 pp., 40 pl. col. (incl. in pagination).
- Hatusima, S.: Chrysoglossella, a new genus of orchids from Japan (Sci.Rep.Yokosuka City Mus. no 13, 1967, 29-33, 3 fig.).  
From Ryukyu; key to allied genera.
- : A revision of the genus Pellionia from Japan and Formosa (Urtic.) (Sci.Rep.Yokosuka City Mus. no 13, 1967, 34-37, 1 fig.).  
Key to 8 spp., one new from Ryukyu; one new sect.
- : An enumeration of the plants collected by G.Ikeda in Botel Tobago Island (Mem.Fac.Agric. 7, 1970, 295-342, 3 pl., 1 map).  
A large list of records (489) from this plant-geogr. interesting island which harbours many Mal. spp. which do not occur in Taiwan to which it lies close; there are also reverse cases. One new sp. of Lycionotis (Gesn.), one new comb. in Randia (Rub.). Author attaches great significance to recent dispersal means.
- Heaslett, E.A.: Gunong Chabang Tiga: a note on a small area of montane Ericaceous forest in Johore (Mal.Nat.J. 23, 1970, 149-154, 1 fig.).  
Vegetation and forest on this low but undisturbed granite peak c. 1000 m alt.
- Heel, W.A.van: Some unusual tropical labyrinth seeds (Proc. Kon.Ned.Ak.Wet.Amst., Bot. C 73, 1970, 298-301, fig.).  
In Kingiodendron, Erycibe griffithii & Neokeithia the testa protrudes between folded and lobed cotyledons.

----- : Distally lobed integuments in some Angiosperm ovules  
(Blumea 18, 1970, 67-70, 2 fig.).  
Noted for Scyphostegia, and for an African Herculia  
and a Flacourtiaceae.

Hemadri, K.: New and interesting plant records (Indian For.  
94, 1968, 808-811, 1 pl.).  
New records for various states.

Henderson, R.J.F.: Podolepis monticola, a new species of Com-  
positae from Queensland (Contr. Queensl. Herb. no 2,  
1969, 1-9, 3 fig.).  
Key to 5 Queensland spp.; also chromosomes.

----- : A cytological study of Lantana montevidensis  
(Spreng.) Brig. in Queensland (Verb.) (Contr. Queensl.  
Herb. no 3, 1969, 1-4, 2 fig.).

Henry, A.N. & B. Roy: Nomenclatural notes on Indian flowering  
plants (Bull. Bot. Surv. India 10, 1969, 274-276).  
I.a. new names or comb. in Indobanalia (Banalia Moq.  
non Rafin.), Dendrotrophe and Cordyloblaste.

Henty, E.E.: A manual of the grasses of New Guinea (Bot. Bull.  
no 1, Terr. Papua & New Guinea, 1969, 1-215 offset, 71  
pl.).  
Full keys to genera and spp.; descr. and excellent  
plates of Papuan grasses, bamboos excluded.

Hisauchi, K. & Y. Kobayasi: Selenothamus helmsii Melville  
(Xanthorrhoeaceae) (J. Jap. Bot. 45, 1970, 218-223, 3  
fig.).  
Descr. anat. & morphol. of this peculiar West Austra-  
lian plant.

\*Holliday, I. & R. Hill: A field guide to Australian trees.  
Rigby Ltd., Adelaide (1969) 13 + 231 pp., text illust.  
80.

Holm, L.: An uredinological approach to some problems in  
Angiosperm taxonomy (Nytt Mag. Bot. 16, 1969, 147-150,  
3 fig.).  
Affinity traced through fungous parasites. Molinia is  
aff. tribe Arundineae, Spartina to Chlorideae. Salica-  
ceae are considered akin to Flacourtiaceae.

Holttum, R.E.: A new genus and new species of Malesian or-  
chids (Gard. Bull. Sing. 25, 1969, 105-108).  
Smitinandia, a new genus of sarcanthine orchids, with  
key to 2 spp. from SE. Asia (formerly under Saccolabium);  
a new species of Hylophila Lindl.: H. cheangii Holtt.; a  
new species of Trichoglottis from Sabah: T. appendiculifera Holtt.

- Horikawa, Y.: The range of East-Asian plants (12) (Hikobia 5, 1969, 149-152, maps 30-32).
- Hosokawa, T.: On the phytogeography of the Micronesian islands (J. Indian Bot. Soc. 46, 1967, 363-373, 3 tab.). Division of Micronesia by major tree species. Hosokawa's Line.
- \*Hotta, M.: Taxonomy of the family Araceae in Eastern Asia. I. General Part. II. Systematic Part. Kobe (1969) 99 + 167 pp. mimeogr., 33 fig.  
Thesis. See Review in this Bulletin on p.1916.
- Howard, R.A.: Wanted: Information on the distribution of cultivated plants (Bioscience 20, 1970, no 2, p.79-86).  
A useful list of references by states in USA of published floras, name lists, or accounts, keys, catalogues, checklists, seed lists, etc., facilitating location of particular plant species in cultivation, or in reserved terrains. One must of course first possess all this printed matter to utilize their information. But bringing them together is a first step.
- Howard, T.M. & G.S. Hope: The present and past occurrence of Beech (Nothofagus cunninghamii Oerst.) at Wilsons Promontory, Victoria, Australia (Fagac.) (Proc. R. Soc. Vict. 83, 1970, 199-210, 3 fig., 1 tab.).  
Composition of 2 beech stands. Pollen diagrams of fossil evidence c. 7000 years old.
- Hsu, Ping-sheng: Contributions to the Flora of SE. China (Act. Phytotax. Sin. 11, 1966, 190-205, t.23-31).  
Various records; new spp. in Euscaphis, Actinidia, Lonicera, Patrinia.
- Hsuan, Shwe-Jye: Revisio Generis Microtoena Labiatarum Sinen-sium (Act. Phytotax. Sin. 10, 1965, 41-56, pl.11-15).  
Key (in Chinese) to 18 spp., some new.
- Hu, H.-H.: New species and varieties of Camellia and Theopsis of China (Theac.) (Amer. Camellia Yearb. 1968, 1968, 86-102, 4 fig., 1 pl.).  
11 new spp. and 2 new names.
- Hu, Shiu-Ying: The Compositae of China (IV-VIII) (Quart. J. Taiwan Mus. 19, 1966, 203-301; *ibid.* 20, 1967, 1-77, 283-339; *ibid.* 21, 1968, 1-52, 127-179).
- Huang, C.C.: Preliminary study on Chinese Rutaceae (3) (Act. Phytotax. Sin. 8, 1959, 70-124, 1 fig., maps 5-6, pl.7-15).  
Aurantioideae: Micromelum, Glycosmis, some new, Murraya (1 new), Luvunga, Atalantia, Fortunella, Citrus.

- Huang, T.-C.: Two new species of Daphniphyllum (Daphniph.) (Ann.Mo.Bot.Gard. 53, 1966, 28-31, 2 fig.).
- Hunt, D.R.: Pinus thunbergii (from Japan and S.Korea) (Conif.) (Curtis's Bot.Mag. 177, 1969, tab.558).
- Hunt, P.F.: Dendrobium johnsoniae (from Papua and Solomons) (Orch.) (Curtis's Bot.Mag. 177, 1969, tab.560).
- : Notes on Asiatic Orchids. V (Kew Bull. 24, 1970, 75-100).  
A large number of new recomb. and established synonyms of largely Indian and Malesian spp. *Ludisia* A.Rich. replaces *Haemaria*. *Microstylis* formally reduced to *Malaxis*.
- Hutchinson, J.: Rhododendron iteophyllum (from Assam) (Eric.) (Curtis's Bot.Mag. 177, 1970, tab.563).
- Inamdar, J.A.: A study of hydrophytes and marsh plants of Tiskari in the Bulsar District, Gujarat State (Vidya 11, 1968, 160-168).  
79 spp.; area 73°20' E, 20°36' N.
- Isaac, F.M.: Floral structure and germination in Cymodocea ciliata (Potamog.) (Phytomorphology 19, 1969, 44-51, 7 fig.).  
Based on material from East Africa.
- Ising, E.H.: Six new species of Bassia All. (Chenop.) (Trans. R.Soc.S.Austr. 93, 1969, 119-125, 6 fig.).
- Itow, S.: Preliminary notes on grassland types and their distribution in Kyushu, Japan (Bull.Fac.Lib.Arts, Nagasaki Univ., Nat.Sci. 9, 1968, 25-31, 2 fig., 1 pl., 1 tab.).  
Six dominance types.
- Jain, S.K. & U.R.Deshpande: Manisuris santapauli Jain et Deshpande - a new grass from India (Bull.Bot.Surv.India 10, 1969, 277-279, 1 fig.).
- & K.Hemadri: Manisuris mysorensis Jain et Hemadri - a new grass from India (Bull.Bot.Surv.India 10, 1969, 280-282, 1 fig.).
- Jeffrey, C.: The genus Mukia in Asia, Malesia, and Australasia (Cucurb.) (Hook. Ic.Pl. 37, 1969, t.3661-3664, pp.1-12).  
Descr.; key to 4 spp.; full synonymy.
- : Prunus hirtipes cv. 'Semiplena' (from China) (Ros.) (Curtis's Bot.Mag. 177, 1969, tab.551).

- Johnson, A.: Rare plants and the community in South East Asia (IUCN Publ. n.s. no 10, 1968, 340-343, 1 tab.).  
Rare plants with high fidelity are easily threatened with extinction by destruction of their biotope. Nature reserves should cover minimal areas with many biotopes to be effectful, and self-maintaining.
- : A forest quadrat in the National Park: the flora other than trees (Mal.Nat.J. 22, 1969, 152-158, 2 fig., 4 tab.).
- : Studies on the fruit of Swietenia macrophylla King (Meliac.) (Mal.For. 32, 1969, 180-186, 4 fig., 3 tab.).  
Detail descr. of all parts of fruit and seeds.
- Joseph, J. & S.N.Yoganarasimhan: Corybas purpureus, a new species of orchids from United Khasi and Jaintia Hills, Assam (Indian For. 93, 1967, 815-817, 1 tab.).  
This new species allied to *C.himalaicus* Schlecht. is a small ground orchid collected from Elephant Falls near Shillong, at 1500 m and in flower from June-July.
- Jozwik, F.X.: Some systematic aspects of Mitchell grasses (*Astrebla* F.Muell.) (Austr.J.Bot. 17, 1969, 359-374, 5 fig., 3 tab.).  
Key to 4 spp., mapped; anatomy of hybrids.
- Kalkman, C. & W.Vink: Botanical exploration in the Doma Peaks region, New Guinea (Blumea 18, 1970, 87-135, 5 fig., 25 photogr., tab.A-J, 1 col.map).  
Descr. of vegetation; map indicates 3 forest types; an excellent exploration report with pertinent field observations on *Nothofagus* regeneration, etc.
- Kanis, A.: Ochnaceae (Ident.Lists Mal.Specim. no 34, 1968, 502-517).
- Kanodia, K.C. & R.K.Gupta: Sand dune flora of Western Rajasthan. 1. Systematic list of trees, shrubs and herbs (J.Bomb.Nat.Hist.Soc. 65, 1968, 681-695).
- & P.C.Nanda: Genus Aristida in western Rajasthan (Gram.) (Indian For. 94, 1968, 296-301, 3 pl.).  
Fodder; some 7 spp. and var.
- Kao, Muh-Tsuen & Ch.E.Devol: The Primulaceae of Taiwan (Taiwania 15, 1970, 51-72, 13 pl.).  
A revision; 5 genera with 13 spp. (one new).
- \*Kartzoff, M.: Nature and a city: the native vegetation of the Sydney area. Edwards & Shaw Pty. Sydney (1969) 48 pp., frontispiece, 1 map col. folding, text illust.; 8°.

- Kaushik, J.P.: On Cuscuta reflexa Roxb. in Gwalior, M.P.  
(Convolv.) (J.Bomb.Nat.Hist.Soc. 66, 1969, 663-664).  
With extensive list of host species.
- Kazmi, S.M.A.: A revision of the Boraginaceae of West Pakistan and Kashmir (J.Arn.Arb. 51, 1970, 367-402).  
Key to spp. of Pseudomertensia, Eritrichium, Lasiocaryum, Hackelia, Microula, Trigonotis.
- Keenan, J.: Notes on Buddleia. III. A Buddleia of herbaceous habit (Logan.) (Not.R.Bot.Gard.Edinb. 29, 1969, 343-346, 2 fig.).  
B.subherbacea from Assam.
- \*Keng, Hsuan: Orders and families of Malayan seed plants.  
Univ.of Malaya Press, Kuala Lumpur (1969) xxiii + 429 pp., 207 fig.).  
See Review in this Bulletin on p.1916.
- : Haloragis chinensis on Singapore Island (Halor.)  
(Mal.Nat.J. 23, 1970, 123-124, pl.13).
- Kenworthy, J.B.: Water balance in the tropical rain forest: a preliminary study in the Ulu Gombak Forest Reserve  
(Mal.Nat.J. 22, 1969, 129-135, 1 fig., 2 tab.).
- Kerr, A.D.: On a collection of Orchids from Laos (Nat.Hist. Bull.Siam Soc. 23, 1969, 185-211, several fig.).  
Notes on a fairly large number of spp.; several unnamed ones descr.
- Kers, L.E.: A new species of Cleome from N.W.Australia  
(Capp.) (Svensk Bot.Tidskr. 62, 1968, 197-200, 2 fig.).
- Kitagawa, M.: Notulae fractae ob floram Asiae orientalis (J. Jap.Bot. 44, 1969, 270-281, 5 fig.).  
New spp. in Aconitum, Agropyron, Blysmus, and Chrysosplenium (all from China), and records from Japan.
- Kitamura, S.: Aster koshikiensis (Compos.) (Act.Phytotax. Geobot. 24, 1970, 121).  
A new hybrid from Japan (ageratoides x spathulifolius).
- Klotz, G.: Neue oder kritische Cotoneaster-Arten. III (Ros.)  
(Mitt.Inst.Syst.Bot.& Pfl.geogr.Martin-Luther-Univ. Halle-Wittenberg Heft 7, 1966, 529-544).  
12 new spp., 2 new names of Himalayan spp.
- Knaap-van Meeuwen, M.S.: A revision of four genera of the tribe Leguminosae-Caesalpinioideae-Cynometreae in Indomalesia and the Pacific (Blumea 18, 1970, 1-52, 7 fig., 1 pl.).  
Revision of Cynometra (in Indo-Malesia), Maniltoa, Hardwickia and Kingiodendron. Keys to genera and spp.;

blastogeny and wood anatomy; Schizoscyphus reduced to Maniltoa; Cynometra polyandra is referred to Maniltoa, Hardwickia pinnata to Kingiodendron. 4 new spp. and one var.; 28 names reduced.

Knapp, R.: Pflanzengesellschaften und Vegetations-Einheiten von Ceylon und Teilen von Ost- und Central-Afrika (Geobot.Mitt. 33, 1965, 1-31).

Main vegetation types of Ceylon (pp.3-12) each with main constituents enumerated and named after characteristic spp.

----- : Gegenseitige Beeinflussung und Temperatur-Wirkung bei tropischen und subtropischen Pflanzen (Geobot. Mitt. 51, 1967, 1-64, 90 Abb., 9 Tab.).

Experimental research on useful plants and native spp. of influence of decreased temperatures in greenhouse; germination; influence of litter; allelopathic reactions; subtropical plants can relatively well stand low temperatures (20° C).

Kondo, K.: A new species of Nepenthes from the Philippines (Nepenth.) (Bull.Torr.Bot.Club 96, 1969, 653-655, 1 fig.).

From Mindanao, allied to N.gracilis Korth.

Koster, J.Th.: The Compositae of New Guinea. II (Blumea 18, 1970, 137-145, pl.17-19).

Revision of Dichrocephala and Arrhenechthites.

Kostermans, A.J.G.H.: New species of Dipterocarpaceae, Sterculiaceae and Monimiaceae, and a re-interpretation of Tetranthera rumphii Bl. (Gard.Bull.Sing. 22, 1968, 443-446).

New spp. in Hopea, Scaphium, Steganthera; transfer of a Moluccan Tetranthera (Litsea) to Myristica.

----- : Miscellaneous botanical notes (Bull.Bot.Surv.India 10, 1969, 286-288).

Species (some new, some new comb.) from India, China, and Malesia.

----- : Atuna Rafin. versus Cyclandrophora Hassk. (Rosac.-Chrysobal.) (Reinwardtia 7, 1969, 421-422).

10 new comb. A regrettable lot of name changes more serious because in 1965 Kostermans reinstated Cyclandrophora for the same genus, as he then thought that Atuna was not tenable against Atunus Lamk. Kostermans says that expert nomenclaturalists advised him that chances of conservation of Cyclandrophora were slight. We wonder who they were. Anyway it would have been worth trying.

- : Berrya Roxb. and Carpodiptera Griseb. (Tiliac.)  
(Reinwardtia 7, 1969, 423-424).  
The latter genus (from Africa and America) is sunk in Berrya; 9 new comb. Kostermans suggests that Tahitia Burret is also merely a Berrya.
- : Kayea Wall. and Mesua L. (Gutt.) (Reinwardtia 7, 1969, 425-430, fig.1).  
Anticipating a monograph Kayea is sunk into Mesua; 38 new comb., 2 new spp.
- : New and critical Malesian plants. VIII (Reinwardtia 7, 1969, 433-449, fig.2-5).  
Critical notes on several Meliaceae (2 new Aglaises, Dysoxylum spp., Didymocheton), Rosaceae (Angelesia), Sterculiaceae (Pterocymbium, Pterospermum, Scaphium), Tiliaceae (Berrya, Colona, Grewia). Several new comb. and some new spp.; also several reductions.
- : Materials for a revision of Lauraceae. II (Reinwardtia 7, 1969, 451-536, fig.6-29).  
Many new spp., new comb., reductions, in almost all Malesian genera; and in some American spp.
- : The identity of some Burman species (Reinwardtia 7, 1969, 537-538).  
Identity of 2 Laur. from Burman Thes. Zeyl. 1737; one must come from Africa.
- : A New Guinea Cinnamomum used as a contraceptive  
(Laur.) (Reinwardtia 7, 1969, 539-541, fig.30).  
Cinnamomum kamii n.sp.
- Koyama, T.: Zwei neue Cyperaceen aus China (Willdenowia 5/3, 1969, 489-493, 2 Abb.).  
1 Carex, 1 Scirpus; 2 reductions in Chinese Scirpus.
- : Iconographia Cyperacearum. III (Phytologia 20, 1970, 218-239, pl.21-30, 2 maps).  
10 Carex spp. from E.Asia.
- : Beiträge zur Cyperaceenflora von Ceylon (Bot.Mag. Tokyo 83, 1970, 184-192, 2 Abb.).  
Among others a new Carex and a new Fimbristylis; key to 5 Cyperus spp. and key to 5 Hypolytrums.
- Krukoff, B.A.: Supplementary notes on the American species of Erythrina. III (Legum.) (Phytologia 19, 1969, 113-175, 1 fig.).  
Contains also list of chromosome numbers of Indo-Australian and African spp. (appendix 10) and Old World spp. cultivated in America.

- Kubitzki, K.: Die Gattung Tetracera (Dillen.) (Mitt. Bot. Staatssamml. München 8, 1970, 1-98, 10 Abb.).  
A full monograph with notes on morph., palynol., phytochem., geogr. distr., phylogeny.
- : Biasoletia nymphaeaeifolia Presl, eine Hernandiacee (Bot. Jahrb. 90, 1970, 272).  
Hernandia peltata Meiss. should be called H. nymphaeifolia (Pr.) Kubitzki, a disagreeable but necessary name change.
- Küchler, A.W. & J.O. Sawyer Jr: A study of the vegetation near Chiangmai, Thailand (Trans. Kansas Ac. Sc. 70, 1967, 281-348, 13 photogr., vegetation map).  
Expedition in 1966; various photocoenoses; descr. of vegetation types; name list tabulated.
- Kundu, B.C. & Anima De: Taxonomic position of the genus Nyctanthus (Bull. Bot. Surv. India 10, 1969, 397-408, 41 fig.).  
Anatomy chromosomes and palynology does not agree with Verb. as superficially judged by the rough hairy leaves as advocated by Shaw, but agrees best with Oleaceae (Jasminum). Still they make a new fam. Nyctanthaceae for its accommodation, intermediate between Oleaceae and Strychnos. This seems to me completely superfluous.
- Larsen, K.: A new variety of Bauhinia involucellata Kurz and its chromosome number (Legum.) (Nat. Hist. Bull. Siam Soc. 22, 1968, 271-275, 4 fig.).  
Type known from Burma.
- & E. Warncke: Report on the second "Flora of Thailand" expedition July-August 1968 (Nat. Hist. Bull. Siam Soc. 23, 1969, 79-91, 1 fig., pl. 11-14).  
Expedition report.
- Laubenfels, D.J. de: The pollen cone of Falcatifolium papuanum De Laubenfels (Taxac.) (Blumea 17, 1969, 274).
- : Diagnoses de nouvelles espèces d'Araucariacées de Nouvelle-Calédonie (Trav. Lab. For. Toulouse 1, 1969, 1-2)  
Brief diagn. of 2 new Agathis and 3 new Araucaria spp.
- Lauener, L.A.: Catalogue of the names published by Hector Lévillé. VI (Not. R. Bot. Gard. Edinb. 30, 1970, 239-294).
- \*Lazarides, M.: The grasses of Central Australia (1970) 1-xl + 1-282 pp., 5 fig., 27 pl., 2 tab.  
131 spp. descr., many illustrated by habit or vegetation photogr.; within each genus a key to spp.; no key to the genera; glossary; synonymy in appendix; no new names proposed.

- Lecompte, O.: Combretaceae (Fl. Camb., Laos & Vietn. 10, 1969, 3-119, 13 pl., 8 cart.).
- Lee, Hsueh-Yung: Preliminary report on the juvenile characters and heterosis of the hybrids between Swietenia Mahagoni x S. Macrophylla (Meliac.) (Taiwania 14, 1968, 43-51, 2 pl., 7 tab.).
- Lee, Shu-Kang: Notes on Hainan Lauraceous plants (Act. Phytotax. Sin. 8, 1963, 181-196).  
Records and new spp.
- Leenhouts, P.W.: Additional notes on Lepisanthes (Sapind.) (Blumea 18, 1970, 429-430).  
Small note on 3 spp., one with 2 new subspecies.
- Lescot, M. & H. Sleumer: A propos de deux nouveaux Casearia du Sud-Est Asiatique: C. Annamensis (Flac.) (Adansonia 10, 1970, 289-294, 1 pl.).  
2 new spp., one based on Tardiella which genus is confirmed to be reduced.
- Leute, G.H.: Untersuchungen über den Verwandtschaftskreis der Gattung Ligusticum L. (Umbell.) (Ann. Naturhist. Mus. Wien 73, 1969, 55-98, 8 Abb., 1 Tab., 7 Taf.).  
Key to 10 allied genera; keys to spp. in each; largely from Europe, SE. Asia and China.
- Liu, Tang-Shui & Tsai-Yeong Yang: New additions to the flora of Taiwan. II (Quart. J. Taiwan Mus. 20, 1967, 375-381, 3 pl.).  
3 spp. of Rubus (2 new).
- Majumdar, N.C.: The genus Drymaria in India (Caryoph.) (Bull. Bot. Surv. India 10, 1969, 293-295).  
2 spp. with one subspecies; as in Malesia.
- : Notes on Stellaria saxatilis Buch.-Ham. ex D. Don, Stellaria vestita Kurz and Stellaria sikkimensis Hk.f. (Caryoph.) (J. Bomb. Nat. Hist. Soc. 67, 1970, 26-29).  
First two considered congeneric, S. vestita adopted as correct name; difference with S. sikkimensis.
- & C.R. Babu: A new species of Arenaria from the Bhutan Himalaya (Caryoph.) (J. Arn. Arb. 50, 1969, 626-628, 1 fig.).
- Mäkinen, Yrjö: Havaijin kasvistosta ja kasvillissundesta (On the flora and vegetation of the Hawaiian Islands) (Epiprinos. Luonnon Tutkija 72<sup>3</sup> (65-81), 1968).  
Review by Degener in Phytologia 19 (1969) 47-49. Report on a visit to Hawaii, Sept. 1, 1965-Sept. 5, 1966.

- Mark, A.F.: Floral initiation and development in New Zealand alpine plants (New Zeal. J. Bot. 8, 1970, 67-75, 2 tab.)  
Factors affecting setting of flower and irregularities.
- Martinovský, J.O.: Stipa smithii Martinovský, eine neue chinesische Federgrasart (Gram.) (Svensk Bot. Tidskr. 64, 1970, 158-164, 5 Abb., 2 Tab.).
- Mason, L.M.: The travels of a plant collector (J.R. Horticult. Soc. 94, 1969, 481-489).  
Was also in New Guinea; obviously collections were made, either of seeds or/and herbarium.
- Matthew, K.M.: The exotic flora of Kodaikanal Palni Hills (Rec. Bot. Surv. India 20, 1969, 1-244, 6 tab.).  
A flora with keys and descr.
- Meher-Homji, V.M.: Notes on some peculiar cases of phytogeographic distributions (J. Bomb. Nat. Hist. Soc. 67, 1970, 81-86, 2 pl.).  
Suggestions of early introductions from Africa to India of Capparis decidua, Acacia planifrons, Hyphaene indica. Soil factors responsible for peculiar pattern in Hardwickia indica, Albizia amara. Interesting!
- Melville, R.: Plant conservation in relation to horticulture (J.R. Horticult. Soc. 95, 1970, 473-480).  
Various aspects; endangered biotopes in both continental floras and oceanic islands.
- Mendoza, D.R.: Scientific note on weed new to the Philippines (Philip. J. Sc. 97, 1968, 73-75).  
Introduction of Gynura crepidioides Bth. since 1941, now all over the archipelago.
- Menon, K.D.: Malaysian national programmes for IBP: a review of highlights (Mal. For. 32, 1969, 395-400).  
Survey of projects in virgin jungle reserves.
- Meijden, R. van der: An annotated key to the South-east Asiatic, Malesian, Mascarene, and African species of Myriophyllum (Halor.) (Blumea 17, 1969, 303-311, fig. 1).  
Key to 16 spp., one new from New Guinea.
- : A new Xanthophyllum from Borneo (Polygal.) (Blumea 18, 1970, 392).  
Characteristic for peat swamp forest.
- Meijer, W.: A Botanist's view on the use of arboricides in forestry in Sabah (IUCN Publ. n.s. no 10, 1968, 164-167).  
Selective cutting without using arboricides (girdle-poisoning) is as efficient for regeneration as with the use of girdle-poisoning and is for the benefit of conservation of very much importance.

- : Fruit trees in Sabah (North Borneo) (Mal.For. 32, 1969, 252-265, 5 fig.).  
Arranged by dispersal (birds, bats, monkeys, man);  
fruit trees of horticultural interest; ditto as medicines.
- Mochizuki, R.: A new species of the genus Cardamine (Crucif.) (J.Jap.Bot. 44, 1969, 340-342, 1 fig.).
- Moggi, G. & A. Pisacchi: Adumbratio Fl. Aethiop. 14. Hypericaceae (Webbia 22, 1967, 233-288).  
Among the species is *H. mysurense* W. & A. which now is recorded from Deccan Peninsula, Ceylon and Socotra, l.c. p.260-262. No key.
- Moldenke, H.N.: Additional notes on the Eriocaulaceae. XXIV-XXXII (Phytologia 19, 1969, 5-46, 65-109, *ibid.* 19, 1970, 230-250, 320-351, 407-424, 440-496, *ibid.* 20, 1970, 4-56, 1 map, 81-120, 244-269).
- : Further new combinations and varieties of Verbenaceae (Phytologia 19, 1970, 435).  
Incl. some new var. of *Gmelina* from Solomons and Moluccas.
- : A new Lantana from Honduras and some new names in Clerodendrum (Verb.) (Phytologia 20, 1970, 338).  
New var. for Malesia and Thailand.
- Montaldo, A.: Bibliography of tropical root and tuber crops (Rev.fac.Agron.Univ.cent.Venez. 13, 1968, 1-98).  
Not annotated.
- Moore Jr, H.E.: The genus Juania (Palmae-Arecoideae) (Gentes Herbarum 10, 1969, 385-393, 3 fig., 1 tab.).  
Monotypic of Juan Fernandez.
- : The genus Rhopaloblaste (Palmae) (Principes 14, 1970, 75-92, 6 fig.).  
Syn. *Ptychoraphis* Becc. Key to 7 spp. Occurs in Nicobars; Malay Peninsula, Moluccas, New Guinea and Solomons. Several names reduced to the genus *Heterospathes*.
- Moore, L.B.: Some implications of precocious flowering in Collospermum (Liliac.) (Pac.Sci. 24, 1970, 409-413, 3 fig., 1 tab.).  
Comparable to that in *Astelia*.
- \*Morcombe, M.K.: Australia's western wildflowers. Landfall Press, Perth (1968) (vi) + 112 pp., frontispiece col., text illust. col.; 4°.

- Mueller-Doblies, D.: Über die Verwandtschaft von Typha und Sparganium im Infloreszenz- und Blütenbau (Bot. Jahrb. 89, 1970, 451-562, 215 Abb., 2 Tab.).  
Extensive morphol. research leads to incorporate Sparganiaceae into Typhaceae sens. lat.
- Mueller-Dombois, D.: Ecological relations in the alpine and subalpine vegetation on Mauna Loa, Hawaii (J. Indian Bot. Soc. 46, 1967, 403-411, 2 fig.).  
Vegetation zones.
- Mukerjee, S.K.: The genus Alangium in India (Alang.) (Bull. Bot. Surv. India 10, 1969, 330-331).  
Key to 4 spp., one with 2 subspecies.
- Muller, J.: A palynological study of the genus Sonneratia (Sonner.) (Pollen et Spores 11, 1969, 223-298, 15 fig., 14 pl.).  
A sort of geographical intraspecific variability is traced related to historical causes (range expansion), favouring higher variability in geographically isolated areas.
- Murata, G.: Labiatae of Himalaya collected by S. Nakao, K. Nishioka, O. Namikawa, R. Fujimura, J. Kawakita, T. Namba and K. Itoh (Act. Phytotax. Geobot. 24, 1969, 77-89).  
A list of species with notes; no novelties.
- : New Labiatae from Thailand (Act. Phytotax. Geobot. 24, 1970, 105-112, 8 fig.).  
New sp. in Coleus, Geniosporum, Isodon and Orthosiphon.
- Myint, T.: Australasian species of "Bonamia" (Convolv.) (Union of Burma J. of Life Sci. 1, 1968, 28-35).  
Key to 9 spp.; 1 new comb., 1 new sp. from Australia.  
Breweria reduced to Bonamia.
- Nair, N.C.: A new species of Aristolochia from Kumaon Himalayas (Arist.) (Bull. Bot. Surv. India 10, 1969, 332-333, 2 fig.).
- Naruhashi, N.: A new natural hybrid between Potentilla discolor Bunge and P. kleiniana Wight subsp. anemonefolia (Lehm.) Murata (Rosac.) (Act. Phytotax. Geobot. 24, 1970, 122-127, 3 fig., 4 tab.).  
From the Himalayas; chromosomes; crossings.
- Natusch, S.: Olearia colensoi and its relatives (O. lyallii) (Compos.) (Wellington Bot. Soc. Bull. 36, 1969, 3-8, 2 pl.).  
Discussion of intergradation.

- Nayar, M.P.: Pseudodissochaeta: a new genus of Melastomataceae (J.Bomb.Nat.Hist.Soc. 65, 1968, 557-568, 4 fig., 1 map).  
4 spp. (1 new) from different genera; N.India to Hainan.
- : Nomenclature notes on the genus Sonerila Roxb. (Melast.) (J.Bomb.Nat.Hist.Soc. 65, 1968, 805-806).  
~~xxxxxxxxxx~~ 1 Indian sp., 1 Malayan var., 1 Bornean sp.
- : A new species of Beccarianthus Cogn. (Melast.) (J. Bomb.Nat.Hist.Soc. 66, 1969, 229-231, 1 pl.).  
From New Guinea.
- : A new species and notes on the genus Cyanandrium Stapf (Melast.) (Bull.Bot.Surv.India 10, 1969, 334-336, 3 fig.).  
Key to 5 spp.
- : Two new species of Sonerila (Melast.) (Dansk Bot. Ark. 27, 1969, 63-65, 2 fig.).
- : Scorpiothyrsus tetrandrus Nayar, sp.nov. from Laos (Melast.) (J.Jap.Bot. 45, 1970, 42-44, 1 fig.).
- : Two new species of Anerincleistus Korth. from Borneo (Melast.) (J.Indian Bot.Soc. 48, 1970, 263-267, 2 fig.).
- : New species and notes on the genus Sonerila Roxb. from India (Melast.) (J.Indian Bot.Soc. 48, 1970, 321-325, 2 fig.).  
3 records; 1 n.sp.
- : A synopsis of the genus Eisocreochiton Quis. & Merr. (Melast.) (J.Bomb.Nat.Hist.Soc. 67, 1970, 87-90, 2 pl.)  
3 spp. keyed out, 1 new sp., 1 new comb., the latter from Borneo.
- : A new species of Medinilla from Sumatra and notes on allied species (Melast.) (Blumea 18, 1970, 567-569, 1 fig.).  
New sp. and 2 new comb. formerly under Pachycentria.
- & D.Das: A new variety of Maesa macrophylla Wall. from Naga Hills (Myrsin.) (Ind.For. 95, 1969, 400-401, 1 fig.).
- Newell, Th.K.: A study of the genus Joinvillea (Flagell.) (J. Arn.Arb. 50, 1969, 527-555, 6 fig., 1 tab.).  
Only 2 spp. are distinguished, both with subsp.; cytology; extensive account of indument, floral parts.

Ng, F.S.P.: Four species to be excluded from the family Ebenaceae (Blumea 18, 1970, 412).

A Siamese name belongs to Vatica; 3 Malayan ones to Ilex, Salacia and Cleistanthus respectively.

\*Nicholls, W.H.: Orchids of Australia. The complete edition ed. by D.L. Jones & T.B. Muir. Printed in Hong Kong, Publ. Nelson (1969) 129 pp. folio, 476 col. pl.  
A magnificent work, including also plates formerly issued separately. Text partly new, partly extracted from the former incomplete issue.

Nilsson, O.: Studies in Montia L. and Claytonia L. and allied genera. I. Corrections and additions (Portul.) (Bot. Notis. 119, 1966, 469).

Because of homonymy, the monotypic Australasian genus Paxia Nilss. (see l.c. p. 274) is rebaptized Neopaxia nom. nov.

North, C.A. & A.J. Willis: Contributions to the anatomy of Freycinetia species from the Solomon Islands (Pandan.) (Bot. J. Linn. Soc. 63, 1970, 69-80, 8 fig.).

6 spp. uniform; no fundamental difference with Pandanus; ovules and other characters notes useful for taxonomy.

Nzvelev, N.: De genere Sasa Makino et Shibata in URSS (Gram.) (Nov. Syst. Plant. Vasc. 6, 1969, 8-18).

Key (in Russian) to 17 spp.

Ohashi, H. & K. Sohma: A revision of the genus Euchresta (Legum.) (J. Fac. Sc. Univ. Tokyo sec. III, 10, 1970, 207-231, 5 fig., 4 pl.).

Revision; 4 spp. recognized, in Mal. the Asian-Jav. E. horsfieldii, in the Philippines & Formosa E. formosana (Hayata) Ohwi. Ecology; pollen; germination of seedling (hypogaeic).

Orchard, A.E.: Revision of the Acaena ovina A. Cunn. complex in Australia (Rosac.) (Trans. R. Soc. S. Austr. 93, 1969, 91-109, 5 maps, 1 tab.).

3 spp. and several varieties; hybridisation occurs freely.

Ornduff, R.: Neotropical Nymphoides: Meso-American and West Indian species (Gent.) (Brittonia 21, 1969, 346-352, 2 fig.).

N. indica and 2 other spp.; key.

----- : The systematics and breeding system of Gelsemium (Logan.) (J. Arn. Arb. 51, 1970, 1-17, 3 fig., 4 tab.).  
3 spp. distinguished; keyed out as a monograph; hybridisation; heterostyly reported.

- \*Patel, R.I.: Forest flora of Melghat. Bishen Singh Nahendra Pal Singh, Dehra Dun (1968) xlviii + 380 pp., 2 maps; 80.
- Paijmans, K.: An analysis of four tropical rain forest sites in New Guinea (J.Ecol. 58, 1970, 77-101, 12 fig., 7 tab.).  
Profiles and statistics.
- Pedley, L.: Notes on Acacia, chiefly from Queensland. III (Legum.) (Contr.Queensl.Herb. no 4, 1969, 1-7).  
Various notes, new names, new spp.; key to *A. ulicifolia* cum ann.
- : Intermediates between Eucalyptus populnea F. Muell. and E. brownii Maid. & Cambage (Myrt.) (Contr.Queensl. Herb. no 5, 1969, 1-6, 4 fig.).
- Pennington, T.D.: Materials for a monograph of the Meliaceae. I. A revision of the genus Vavaea (Blumea 17, 1969, 351-366, 2 fig.).  
Monograph; sex dimorphism in *V. amicorum*; 4 spp. keyed out (1 new); *V. amicorum* is a compound species with c. 20 synonyms. Identification list.
- Philcox, D.: A taxonomic revision of the genus Limnophila R.Br. (Scroph.) (Kew Bull. 24, 1970, 101-170, 1 fig., 3 tab., 11 maps).  
A full revision of 35 spp.; ident. list; index.
- : New combinations in Asiatic Lindernia All. (Scroph.) (Taxon 19, 1970, 649).  
12 new comb. (from *Vandellia*, *Ilysanthes*) all from SE. and E. Asia.
- Philipson, W.R.: The Malesian species of Gastonia (Aral.) (Blumea 18, 1970, 491-495, 1 map).  
2 spp. treated, with key.
- : A redefinition of Gastonia and related genera (Aral.) (Blumea 18, 1970, 497-505, 10 fig.).  
With table showing differences of 6 genera.
- Phùng-Trung-Ngân, Lê-Công-Kiệt & Phạm-Hoàng Hồ: Note on limestone vegetation at Kiên-Lu'o'ng (Hà-Tiên), Vietnam (Ann.Univ.Cantho 2, 1969, 97-107, 2 tab.).  
Vegetation description of steep, almost bare rocks; inventory not very exciting.
- Pobedimova, E.: Revisio generis Cochlearia L. 1 (Crucif.) (Nov.Syst.Plant.Vasc. 6, 1969, 67-106, 12 fig.).  
Key (in Russian) to 22 spp.; 7 treated.

- Pollard, J.F.: A note on the nursery treatment of two species in Sabah (Mal.For. 32, 1969, 269-271).  
*Anthocephalus chinensis* (Lamk) Rich. ex Walp., *Octomeles sumatrana*. Seed extraction; silviculture.
- Prance, G.T., D.J. Rogers & F. White: A taximetric study of an Angiosperm family: generic delimitation in the Chrysobalanaceae (The New Phytologist 68, 1969, 1203-1234, 5 fig., 5 tab.).  
4 methods tested; all large and some small genera good by all methods (21 characters used); one is good for 3 methods.
- Prijanto, B.: The Asiatic species of Lindenbergia Lehm. (Scroph.) (Reinwardtia 7, 1969, 543-560, 4 fig.).  
Revision of this SE. Asian genus; 7 spp. recognized; 1 extends to the Philippines. Some important remarks on aestivation in Scroph. In *Dopatrium* resupination of the flower is observed. Key to spp.
- Raghavan, R.S.: A new species of Tarenna Gaertn. from Shimoga District, Mysore State (Rubiaceae) (Bull. Bot. Surv. India 10, 1969, 341-343, 9 fig., 1 pl.).
- & B.M. Wadhwa: On the identity of Tephrosia jamnagarensis Santapau and T. axillaris A.R. Smith from Gujarat (Curr. Sci. 37, 1968, 536).  
*T. axillaris* A.R. Smith is identical with *T. jamnagarensis* Sant. (Legum.).
- Rahman-Ali, A.: Forest Conservation in Malaya (IUCN Publ. n.s. no 10, 1968, 115-124).  
This survey by the Conservator of Forests provides a list of Forest Reserves in the Malay Peninsula.
- Rajagopal, T. & N. Ramayya: Two new combinations in Indian flowering plants (Kew Bull. 23, 1969, 465-468, 1 fig.)  
In *Launaea* (Comp.) and *Rotala* (Lythr.) (transferred from *Ammannia*), both from India (= *R. mexicana* ssp. *pusilla* (Tul.) Koehne).
- Raju, D.C.S. & C.R. Babu: Some new names and new combinations in the genus Maytenus Molin. (Celastr.) (Bull. Bot. Surv. India 10, 1969, 348-349).
- Rande, P.R.: Keys to the dicot genera in Nepal. Parts I-II (Ministry of Forests, Dept. of Medicinal Plants, Kathmandu, Nepal, 1967, 1-96; 1968, 1-71).  
Key to the families; descr. of families; keys to their genera.
- : Notes on Flora of Rajnikunj (Gokarna Forest) (Bull. no 1, Ministry of Forests, Dept. of Medicinal Plants, Thapathali, Kathmandu, Nepal, 1967, 1-55).

Dedicated to the national campaign "Back to the Village 1967". Name list of a forest reserve 2.6 sq.km at 1300 m; 250 spp.; concise descr. of spp.; no keys.

- Randell, B.R.: Adaptations in the genetic system of Australian arid zone Cassia species (Legum.-Caesalp.) (Austr.J. Bot. 18, 1970, 77-97, 19 fig., 6 tab.). Polyploidy, hybridisation, chromosomes, apomixis is found in this genus which has undergone a major phylogenetical development in Australia. Adaptation and selection important impetus for balance between fitness and flexibility in a widely fluctuating environment of the arid zone. Diploids are in mountain areas and strongly genetically isolated. Excellent study!
- Rao, A.N. & Y.K. Lee: Studies on Singapore pollen (Pac.Sci. 24, 1970, 255-268, 48 fig.). 40 spp. (3 Monoc., 37 Dicots) of various Mal. families; no general conclusion.
- Rao, A.S. & N.P. Balakrishnan: Bulbophyllum brachypodum nom. nov. with two new varieties (Orch.) (Bull.Bot.Surv. India 10, 1969, 350-352, 10 fig.).
- & J. Joseph: Utricularia pubescens Sm., first report of the occurrence in India (Lent.) (Indian For. 93, 1967, 32, 1 tab.).
- & D.M. Verma: Gonatanthus Klotzsch in Khasi and Jaintia Hills, Assam (Arac.) (Bull.Bot.Surv. India 10, 1969, 353-357, 9 fig.). 2 spp. keyed out from India and Burma.
- Rao, C.R.: A new Begonia from East Nepal (Begon.) (J.Bomb. Nat.Hist.Soc. 65, 1968, 724-725, 1 fig.).
- Rao, K.V.M. & K.R. Rao: Gnetum ula Brongn. from Rayalaseema, Andhra Pradesh, a new record (Gnet.) (J.Bomb.Nat.Hist. Soc. 65, 1968, 809-810).
- Rao, R.S. & K.K. Ahuja: New and noteworthy plant records from India (Bull.Bot.Surv. India 10, 1969, 360-366, 16 fig.) Critical notes on a sp. of Phacellaria (Santal.), Becarinda (Gesn.), Agapetes (Eric.), Impatiens (Balsam.), Dioscorea (Diosc.), and Tropidia (Orch.).
- Rao, T.A., L.K. Banerjee & A.K. Mukherjee: Some interesting plant records from the Orisa coast (J.Bomb.Nat.Hist. Soc. 66, 1969, 659-660). Myriostachya wightiana and Cyperus esculentus.
- Rau, M.A.: Flora of the Upper Gangetic Plain and of the adjacent Siwalik and sub-Himalayan tracts (Suppl.2 Bull. Bot.Surv. India 10, 1969, 3-87). Mere name list.

- Ravi, N.: A new species of Zornia Gmel. from S. India (Legum.) (J. Bomb. Nat. Hist. Soc. 66, 1969, 489-490, 8 fig.).  
A hopeless aftermath of Mohlenbrocks splitting procedure in this genus.
- : A new species of Borreria Mey. from South India (Rub.) (J. Bomb. Nat. Hist. Soc. 66, 1969, 539-541, 10 fig.).
- Robbins, R.G.: A prerequisite to understanding tropical rain-forest (Mal. For. 32, 1969, 361-363).  
Discussion of the term montane forest.
- Robijns, A.: Un Botaniste à Ceylan (Les Natur. Belges 51, 1970, 169-202, 9 phot.).  
General report on ecol. meteor.; forest types; national parks and gardens.
- : Revision of the genus Cullenia Wight (Bombac.-Durio- neae) (Bull. Nat. Plantentuin België 40, 1970, 241-254, 3 fig.).  
3 spp. in Ceylon and S. Deccan (one new from S. India).
- Rooden, J. van, L.M.A. Akkermans & R. van der Veen: A study on photoblastism in seeds of some tropical weeds (Act. Bot. Neerl. 19, 1970, 257-264, 1 fig., 9 tab.).  
Influence of light on germination; same types of light sensitivity as in temperate zone. Only heliophilous weeds examined; no forest plants are included.
- Royen, P. van & F. Ehrendorfer: New combinations in Parahebe (Scroph.) (Taxon 19, 1970, 483).  
12 new comb.
- Rudd, V.E.: Nomina Conservanda Proposita. 3899. Flemingia (Legum.) (Taxon 19, 1970, 294-296).
- Sahai, R. & A.B. Sinha: A supplement to the aquatic and swampy vegetation of Gorkhpur (Indian For. 94, 1968, 819-821)  
48 spp. added to former list by Sen (1959).
- St. John, H.: Monograph of the Hawaiian species of Gouania (Rhamn.) Hawaiian Plant Studies 34 (Pac. Sci. 23, 1969, 507-543, 17 pl.).  
Revision; 14 spp. among which 10 new!
- : New species of Peperomia (Piper.) and Dendrocnide (Urtic.) from Rotuma Island, Pacific Ocean. Pacific Plant Studies 19 (Pac. Sci. 24, 1970, 134-138, 3 fig.).  
2 new spp.
- : The "staminodia" of the genus Schiedea (Caryoph.) and three new Hawaiian species (Pac. Sci. 24, 1970, 245-254, 5 fig.).  
3 new spp.; no key.

- : Revision of the Hawaiian species of Canavalia (Leg.)  
Hawaiian Plant Studies 32 (Israel J.Bot. 19, 1970,  
161-219, 23 fig.).  
19 spp. of which 18 endemic, each restricted to a  
single island; 12 descr. as new.
- : The genus Sicyos on the Hawaiian Leeward Islands  
(Cucurb.) Hawaiian Plant Studies 35 (Pac.Sci. 24,  
1970, 439-456, 6 fig.).  
Key to 6 spp., all new.
- : Cyrtandra rotumaensis sp.n. of Rotoma Island (Gesn.)  
(Pac.Sci. 24, 1970, 457-461, 2 fig.).
- : Classification and distribution of the Ipomoea pes-  
caprae Group (Convolv.) (Bot.Jahrb. 89, 1970, 563-583,  
5 fig.).  
Full synonymy and distr.; subsp.brasiliensis (L.)  
Ooststr. is evaluated at specific rank.
- Sampathkumar, R. & J.Kunchithapatham: Observations on the  
host range in Loranthus longiflorus Desv. (Loranth.)  
(J.Bomb.Nat.Hist.Soc. 65, 1968, 804-805).  
Omnivorous.
- Sands, M.J.S.: Rhododendron macgregoriae (from Papua) (Eric.)  
(Curtis's Bot.Mag. 177, 1969, tab.552).
- Santapau, H. & K.P.Janardhanan: Critical notes on the nomen-  
clature of some Menispermaceae (Bull.Bot.Surv.India  
10, 1969, 367-368).  
No new names.
- & G.L.Shah: A contribution to the Flora of Salsette  
Island, Bombay (Malad-Madh Area) (J.Bomb.Nat.Hist.Soc.  
66, 1969, 430-442).  
A mere list of naked names.
- Sastrapradja, S.: On the morphology of the flower in Peperom-  
ia species (Piper.) (Ann.Bogor. 4, 1968, 235-244, 9  
fig., 1 tab.).
- Sastry, A.R.K. & J.Joseph: A second locality for Dicraea fi-  
lifolia Ram. et Joseph (Podost.) (Indian For. 93,  
1967, 800).
- , S.K.Kataki, P. & P.Cox & P.Hutchinson: Rhododendron  
santapau sp.nov. from Subansiri District, N.E.F.A.,  
India (Eric.) (J.Bomb.Nat.Hist.Soc. 65, 1968, 744-747,  
2 pl.).
- Satake, Y.: A new species of Polygonatum-Bracteatae (Liliac.)  
(J.Jap.Bot. 45, 1970, 1-5, 4 fig.).  
From Japan.

- Sawyer Jr, J.O. & Ch. Chermssirivathana: A flora of Doi Suthep, Doi Pui, Chiang Mai, North Thailand. (Nat.Hist.Bull. Siam Soc. 23, 1969, 99-132, pl.15-18).  
Name list; each sp. designated to 1 or more of the 11 phytocoenoses distinguished.
- \*Scarth-Johnson, V.: Wildflowers of the warm east coast. The Jacaranda Press, Brisbane (1967) ii + 106 pp., text illust. col.; 120.
- Schaeffer, J.: Endospermum (Euphorb.) (Ident.Lists Mal.Spec. no 36, 1970, 529-536).
- Schodde, R.: Two new suprageneric taxa in the Monimiaceae alliance (Laurales) (Taxon 19, 1970, 324-328).  
Siparunaceae nov.fam., Peumioideae nov.subfam., Monimiaceae redefined.
- & W.B.Hitchcock: Report on the birds of the Lake Kutubu area, Terr. of Papua and New Guinea (Div.Wild Life Res. CSIRO, Canberra, Techn.Pap. 13, 1968, 1-73, 5 fig.).  
Contains a short sketch of the vegetation and main spp. of primary & secondary forest round this lake at c. 143°15' E and 6°20' S. It is c. 36 by 8 km, alt. 750 m. Hilly sites, that is c. 850 m, carry a Lauro-Fagaceous forest, with Araucaria and, especially on hills with karst-limestone topography is dominated by Nothofagus, at a fairly surprisingly low altitude for that genus. Flora p.5-8.
- Schulze, W.: Junopsis, eine neue Gattung der Iridaceae (Öst. Bot.Z. 117, 1969, 327-331, 2 Abb.).  
Based on the SE.Asian Iris decora Wall.
- Seidenfaden, G.: Contributions to the Orchid Flora of Thailand (Bot.Tidsskr. 65, 1969, 100-162, 39 fig.).  
Critical notes on 42 spp. (6 new), some names reduced; 24 new records.
- , T.Smitinand & G.Thorson: Report on the fifth Thai-Danish expedition 1966 (Nat.Hist.Bull.Siam Soc. 22, 1968, 245-261, pl.8-12).  
Brief botanical and zoological report.
- Sell, M.Y.: La dissémination des Acanthacées. Variations sur le type xérochasique fondamental (Rev.Gén.Bot. 76, 1969, 417-453, 19 fig.).  
Some hygrochasiques, even in 1 genus both types; 2 spp. of Justicia are heterocarpous.

- Shah, G.L. & B. Suryanarayana: New plant records for Bombay, collected from Dang forest, Gujarat (J. Bomb. Nat. Hist. Soc. 66, 1969, 412-414).  
List of records.
- Shaw, E.A.: A revision of the genus *Menkea* (Crucif.) (Contr. Gray Herb. Harv. Univ. 200, 1970, 175-189, 2 maps).  
Rev. key; 6 spp. (2 new) endemic Central & S. Australia, ephemerals.
- Sheehan, T. & M. Sheehan: Orchid genera illustrated. V (Amer. Orch. Soc. Bull. 37, 1968, 206-208, 1 pl.).  
*Phaius tankervilleae*.
- Shemetova, N.S.: *Rhododendron fauriei* Franch., a species new for the flora of the continental part of the far East (Eric.) (Bot. J. U.S.S.R. 55, 1970, 550-551, 1 fig.).
- Sinaga, W.: Suaka Margasatwa Baluran (The Baluran Game Reserve) (Rimba Indonesia 11, 1966, 21-38).  
In Indonesian, with English summary. Descr. of flora and fauna of Baluran Game Reserve in E. Java; 25,000 ha; list of trees planted to encourage fauna.
- Singh, N.P.: *Acalypha australis* Linn., an addition to Indian flora (Euph.) (Indian For. 93, 1967, 186, 8 fig.).  
This Sino-Japanese species found in tea estates.
- Singh, U. & V. Singh: Grasses of Sardhana (Indian For. 94, 1968, 397-400).  
59 taxa treated.
- Skarra, P.E.: Some observations on Indian forests and prescribed burning (Proc. Annual Tall Timb. Fire Ecol. Conf. no 9, 1969, 209-212).
- Skvortsova, N.: De specie Vietnamensi generis *Schefflera* Forst. et Forst. f. (Aral.) (Nov. Syst. Plant. Vasc. 6, 1969, 177-181, 1 fotogr.).  
*S. tunkinensis* Vig. emend.
- Sleumer, H.: Some species of Flacourtiaceae and Ericaceae new to Thailand (Dansk Bot. Ark. 27, 1969, 89).  
List of records.
- : Le genre *Paropsia* Noronha ex Thouars. (Passifl.) (Bull. Jard. Bot. Nat. Belg. 40, 1970, 49-75, 6 fig.).  
Rev.; key; 11 spp. of which 10 in Africa and Madagascar, 1 in Malaya & Sumatra. The genus is transferred from Flacourtiaceae to Passifloraceae.
- : The identity of *Plectomirtha* Oliv. with *Pennantia* J.R. & G. Forster (Icac.) (Blumea 18, 1970, 217-218).  
Ident. of *P.* from the Three Kings Is., N. tip of New Zealand, formerly relegated to Anacardiaceae.

- Smith, H.: New or little known Himalayan species of Swertia and Veratrilla (Gent.) (Bull. Brit. Mus. (Nat. Hist.) Bot. 4, 1970, 239-290, 37 pl., 7 fig.).  
10 new Swertias; Kingdonwardia reduced to Swertia.  
Several reductions, transfers, and new records.
- Smith, L.S.: New species of and notes on Queensland plants. V (Contr. Queensl. Herb. no 6, 1969, 1-25, 3 fig.).  
New spp. in Suaeda, Elaeocarpus, Calycopeplus, Myoporum, Olax, Clerodendrum; Pternandra in New Guinea; Austromatthaea n.g. (Monim.); Musgravea and Neorites n.g. in Proteac.; Morinda salomonensis in N. Queensland; key to Australian Argyrodermon.
- Smitinand, T.: Vegetation of Khao Yai National Park (Nat. Hist. Bull. Siam Soc. 22, 1968, 289-305, 3 fig., 1 tab., 1 map).  
Descr. forest types; profiles; plant list.
- : The distribution of the Dipterocarpaceae in Thailand (Nat. Hist. Bull. Siam Soc. 23, 1969, 67-75, 1 fig., 3 tab., 1 map).  
9 genera, 63 spp., partly evergreen; highest elevation 1300 m.
- : Plants names in honour of the late H.H. Prince Disakumara Krom Phraya Damrong Rachanuphap (Nat. Hist. Bull. Siam Soc. 23, 1969, 93-97, 2 fig.).  
A Polygonum and a Homalium figured.
- Soepadmo, E.: A revision of the genus Quercus L. subgen. Cyclobalanopsis (Oersted) Schneider in Malesia (Fagac.) (Gard. Bull. Sing. 22, 1968, 355-427, 18 fig., xvi maps)  
Difference between Lithocarpus and Quercus; morphol. interpretation; anatomy of fruit wall; discussion of the Fagaceous system of 3 subfamilies but this leaves open the placing of Trigonobalanus; cupule of Quercus is a floral cupule, in Castanopsis an inflorescence (dichasial) involucre; key and descr. and maps of 19 spp. (8 new). Important study.
- Soerianegara, I.: Beberapa Keterangan Tentang Djenis Pohon Eboni Indonesia (Some information on the Indonesian ebony tree species) (Eben.) (Pengumuman 92, 1967, 29-54, 5 tab.).  
In Indonesian. On Diospyros spp.
- : The causes of mortality of Bruguiera trees in the mangrove forest near Tjilatjap, Central Java (Rhizoph.) (Rimba Indonesia 13, 1968, 1-11, 2 tab.).  
In Indonesian, with English summary. Through excessive inundation by freshwater causing raising of alluvial deposits. In 1956 two stands died of 35 and 7 ha.

- Soják, J.: Taxonomische und phytogeographische Anmerkungen zur Gattung *Potentilla* (Rosac.) (Preslia 42, 1970, 70-81, 19 fig.).  
Sundry critical notes, mostly on Asian spp.
- : *Potentillae mongolicae novae* (Rosac.) (Fol.Geobot. Phyto-Taxon. 5, 1970, 99-114, 4 Abb.).  
5 new spp. from N.Mongolia and 1 hybrid.
- Specht, R.L.: The vegetation of Pearson Islands: a re-examination - February 1960 (Trans.R.Soc.S.Austr. 93, 1969, 143-152, 1 fig., 8 tab.).  
Mainly a name list.
- Squires, V.R.: Distribution and polymorphism of *Tribulus terrestris* sens.lat. in Australia (Zygoph.) (The Vict. Natur. 86, 1969, 328-334, 4 fig. (3 maps)).  
Variability in Australia; possibly both native and introduced; 4 ploid levels are known from this species elsewhere.
- Srinivasan, K.S. & V.S. Agarwal: Tamarind: its economic use and industrial exploitation (Legum.) (Bull.Bot.Surv. India 10, 1969, 381-385, 1 pl.).
- Stearn, W.T.: A Royal Society appointment with Venus in 1769: The voyage of Cook and Banks in the Endeavour in 1768-1771 and its botanical results (Not.& Rec.R.Soc.Lond. 24, 1969, 64-90, 4 fig., 1 map).  
A very readable account of Cook's Voyage with the Endeavour with plants accounted for.
- Steenis, C.G.G.J. van: *Euphorbia vachellii* Hook.& Arn. replacing *E.serrulata* Reinw. ex Bl. (Euph.) (Bull.Bot. Surv. India 10, 1969, 393).  
Three synonyms are entered (one new, viz. *E.backeri* P.& H. from Java).
- , c.s.: Miscellaneous botanical notes. XXI (Blumea 17, 1969, 269-273, 2 fig.).  
*Triumfetta procumbens* and *Capparis spinosa* var. *mariana* on Nubiam island off SE. Papua; *Polygala elongata* in Papua; *Trigonostema hypoleucum* has 2 ovules per cell; *Phyllanthus tenellus* introduced in Bot.Gard. at Bogor and cemetery at Brisbane; *Acacia tomentella* Zipp. ex Span. from Timor = *Acacia pennata* Willd.; *Corsia* recorded from Solomons; *Medinilla ericoidea* a most remarkable ericoid species from the Doormantop forest in New Guinea.
- : Miscellaneous notes on New Guinea plants. IX (Blumea 18, 1970, 563-565).  
Some new records, some of weeds. *Rhampicarpa* (Scroph.)

first record of the genus in Malesia; a new species shared by Australia and Papua, *R.australiensis*.

Stewart, R.R.: The grasses of West Pakistan and Kashmir (Biologia 16, 1970, 1-46).

174 genera and 576 taxa listed.

\*Stone, B.C.: The genus Pelea A.Gray (Rutac.) (Phan.Monogr. 3, 1969, 180 pp., 70 fig., 22 maps, 8 pl.; publ. J.Cramer Lehre, Germany).

Complete monogr. restricted to Hawaiian Arch. & Marquesas. Key to it with allied genera *Evodia*, *Acronychia* & *Melicope*. 4 sect. with 68 spp. and many var. and 2 spp. in Marquesas.

----- : Additions to the Malaysian Flora. I (Mal.Nat.J. 23, 1969, 31-32, fig.1).

First record of *Zanthoxylum acanthopodium* (Rutac.) in Malaya in Cameron Highlands at a similar altitude as it occurs in N.Sumatra.

----- : Materials for a monograph of Freycinetia Gaud. X. Chronological list of all binomials (Pandan.) (Taxon 18, 1969, 672-680).

Complete name list with comment on status of epithet and place of publication; chronological order.

----- : Ditto. IX. Species of the Solomon Islands (Pandan.) (Kew Bull. 24, 1970, 355-376, 9 fig., pl.3-6).  
Key to 23 spp. (4 new).

----- : Ditto. XIII. A new species from Ternate Island, Moluccas (Pandan.) (Pac.Sci. 24, 1970, 417-419, 1 fig.).

----- : Gaudichaud's species of Pandanus in the atlas of the botany of the voyage of 'La Bonite' (Pandan.) (Mal. Sci. 5, 1970, 14-19, pl.22).

3 out of 4 names evaluated.

----- : Malayan climbing pandans - the genus Freycinetia in Malaya (Pandan.) (Mal.Nat.J. 23, 1970, 84-91, pl.9-12)  
Simplified key with short descr. of 8 spp.

----- : Morphological studies in Pandanaceae. II. The "coniferoid" habit in Pandanus sect. Acanthostyla (Bull. Torr.Bot.Club 97, 1970, 114-149, 3 fig.).

----- & H.St.John: Materials for a monograph of Freycinetia Gaud. XI. (Pandan.) (Adansonia 9, 1969, 361-367, 2 pl.).

2 spp. from Vietnam and Cambodia.

- Story, R., M.A.J. Williams, A.D.L. Hooper, R.E.O'Ferrall & J.R. McAlpine: Lands of the Adelaide-Alligator Area, Northern Territory (Land Res. Ser. no 25, 1969, 1-153, 19 fig., 15 tab., 8 pl.).  
Land descr. with a few remarks on vegetation.
- Subba Rao, G.V. & G.R. Kumari: A new species of Leucas from Andhra Pradesh (Lab.) (Bull. Bot. Surv. India 10, 1969, 358-359, 8 fig.).
- \* Subramanyam, K.: Botanical Monograph No. 3. Aquatic Angiosperms (1962) i-viii + 1-190, 63 fig., 5 pl.  
A treatment with keys, descr. and figs. excellently printed and produced of Indian waterplants, native and introduced.
- & V.S. Sharma: The genus Dentella J.R. & G. Forst. in India (Rub.) (Bull. Bot. Surv. India 10, 1969, 386-390, 6 fig.).  
2 spp. distinguished but only by means of hairiness of ovary and fruit (which seems insufficient argument to me; it may be a one-gene character).
- Sundararaj, D.D. & M. Nagarajan: New plant records for South India. IV (J. Bomb. Nat. Hist. Soc. 66, 1969, 657-659).  
Records of Desmodium, Biophytum and Clausena.
- Suryanarayana, M.C.: A taxonomic study of Strobilanthes scrobiculata Dalz. ex Clarke (Acanth.) (Proc. Kon. Ned. Akad. Wet. 73, 1970, 422-430, 17 fig.).  
Indian sp. made into a new genus Supusha.
- Sweet, H.R.: A revision of the genus Phalaenopsis. VI-VIII (Orch.) (Bull. Amer. Orch. Soc. 1969, 505-519, 681-694, 888-901, many fig.).  
Final instalments, containing sect. Fuscatae, Polychilos, Phalaenopsis. A 9th instalment will be printed privately; this will include citations, acknowledgements and index.
- Sykes, W.R.: Homalanthus in New Zealand (Euph.) (New Zeal. J. Bot. 7, 1969, 302-307, 2 fig.).  
Detail descr. of the only New Zealand sp., H. populi-folius.
- : Ipomoea pes-caprae (L.) R.Br. ssp. brasiliensis (L.) Ooststr. in the New Zealand Botanical Region (Conv.) (New Zeal. J. Bot. 8, 1970, 249-256, 2 fig.).  
Details on occurrences, also inland of the beach, for which birds are held responsible.
- & E.J. Godley: Transoceanic dispersal in Sophora and other genera (Legum.-Pap.) (Nature 218, 1968, 495-496, 1 tab.).

- Symon, D.E.: A checklist of flowering plants of the Simpson desert and its immediate environs (Trans.R.Soc.S. Austr. 93, 1969, 17-38).  
353 spp. enumerated.
- Talbot, L.M.: Highlights of conservation in the international biological programme in the Asia Pacific region (Mal. For. 32, 1969, 391-394).  
Discussion of nature conservation on Pacific islands.  
Role of I.B.P. Programme.
- Tamura, M.: Archiclematis, a precursory genus of Clematis (Ranunc.) (Act.Phytotax.Geobot. 24, 1970, 146-152, 2 fig.).  
*C.alternata* from Himalayas segregated.
- : Ranunculus subsect. Acres of Japan and the neighbouring areas (Ranunc.) (Act.Phytotax.Geobot. 24, 1970, 153-167, 3 fig.).  
List of spp.; many new infraspecific taxa or comb.
- Tan, A.S. & H.Keng: Comparative morphological studies of four species of Avicennia in Singapore (Verben.) (J.Sing. Nat.Ac.Sc. 1, 3, 1969, 8-21).
- Tateoka, T.: Phytogeographical notes on the genus Brachypodium P.Beauv. (Gram.) (Bol.Soc.Argent.Bot. 12, 1968, 55-56, 1 map).  
Ranges of 14-18 spp. outlined remarkable disjunction between Central America and Eurasia. Age of genus suggested Mid-Tertiary when it was spread in both areas; possibly origin in Early Tertiary or Upper Cretaceous.
- : A cytotaxonomic study of the Calamagrostis arundinacea complex in Japan (Gram.) (Bull.Nat.Sci.Mus.Tokyo 12, 1969, 273-289, 55 fig., 2 pl.).  
Polyploids!
- : Arundinella riparia and A.hirta (Gram.) (Bull.Nat. Sci.Mus.Tokyo 12, 1969, 845-848, 2 fig., 2 pl.).  
Distinction of a local endemic species. Had better be treated as a local race (Ed.).
- Thothathri, K.: Gueldenstaedtia santapau Thoth., a rare and interesting new species from Bhutan (Legum.) (Bull. Bot.Surv.India 10, 1969, 391-392, 1 fig.).
- : A new species of Crotalaria L. from Bhutan Himalayas (Legum.) (J.Bomb.Nat.Hist.Soc. 66, 1969, 70-71, 5 fig.).
- : Further contributions to the genus Derris from Yunnan, China (Legum.) (J.Jap.Bot. 45, 1970, 6-10, 2 fig.).  
2 spp., 1 new from Yunnan.

- \*Tirel-Roudet, C.: Étude des Loganiaceae du Cambodge, du Laos et du Vietnam. Thesis, Fac.Sc.Univ.de Paris (1970) 195 pp., 12 pl., 16 fotogr.; mimeogr. 4<sup>o</sup>.  
An illustrated revision.
- Toleman, R.: Bunga padma - Brugmansia lowii (Raffl.) (Mal. Nat.J. 23, 1969, 30).  
Record of a find in Sabah, near Tawao. Should be called *Rhizanthus lowii*.
- Townrow, J.E.S.: The genus Stipa (L.) in Tasmania. Part 1. Introduction and Identification (Gram.) (Pap.& Proc.R. Soc.Tasm. 104, 1970, 81-98, 1 pl., 1 tab., 5 fig.).  
Detail precursory study; one var. raised to specific rank.
- Toyama, S., Y.Horikawa, K.Yoshioka & S.Itow: Note on the vegetation of the Danjo Islands, Nagasaki Prefecture, Kyushu, Japan (Rep.Cult.prop.Nagasaki Prefect. no 6, March 1968, 34-57, fig., plates, maps, tab.).  
c. 170 km west of Kyushu; almost untouched by man.
- Tsoong, Pu-Chiu: A new species of Lindernia from Hainan Island (Scroph.) (Act.Phytotax.Sin. 8, 1959, 67-68).  
*L.megaphylla*.
- Turner, E.K.: Natural history features of North-West Australia (The Vict.Natur. 87, 1970, 64-72).  
Vivid concise report of a trip. Between Carnarvon and Shark Bay they found to their surprise a lonely post-office behind the dunes and on asking the postmistress why a post-office should be situated there, she said she had no idea, but it had been there for 80 years!
- Tuyama, T.: Range of Erigeron pusillus Nutt. in the Pacific (Compos.) (J.Jap.Bot. 45, 1970, 104).  
*E.pusillus* (*Conyza parva* Cronq.) occurs in Hawaii but also in New Guinea; it has mostly been misidentified as *E.canadensis*.
- Uppuluri, M.R. & U.Satyavathi: Two new species of Isèilema Anderss. from India (Gram.) (J.Bomb.Nat.Hist.Soc. 65, 1968, 664-669, 1 fig.).  
Also key to 7 Indian and Burmese spp.
- \*Vartak, V.D.: Enumeration of plants from Gomantak, India, with a note on botanical excursions around Castle Rock (Maharashtra Assoc.Cult.Sc.Poona, 1966, 8 + 167 pp.)  
Enum. flora of Goa, 1512 spp., data in columns. Dr. Santapau made some critical notes (J.Ind.Bot.Soc. 48: 185).

- Vassal, J.: A propos des Acacias. Heterophylla et Koa (Leg.) (Trav. Lab. For. Toulouse t.1, vol. VIII, art. VI, 1969, 1-5, 1 pl.).  
One from Hawaii; also germination.
- Venkatareddi, B.: Dicraeia stylosa Wight, a new record for Bombay (Podost.) (J. Bomb. Nat. Hist. Soc. 65, 1968, 803-804).
- : A new species of Acroblastum from Poona District, India (Deccan Pen.) (Balanoph.) (Willdenowia 5/3, 1969, 389-393, 1 pl.).
- Verdcourt, B.: New combinations in Vigna Savi (Legum.) (Kew Bull. 23, 1969, 464).  
New subg.; 2 new comb., one from India.
- : Melchiora Kobuski (Theac.) and Melchioria Penzig & Saccardo (Fungi) (Kew Bull. 23, 1969, 469-470).  
The Theac. genus is named Balthasaria; 2 new comb.
- : A suggested identity of Ipomoea cuspidata D. Don (Convolv.) (Kew Bull. 24, 1970, 455-456).  
Is Porana grandiflora Wall.
- : Proposal for the retypification of 3910 Dolichos L. by Dolichos trilobus L. pro parte (Legum.) (Taxon 19, 1970, 297-298).
- : Studies in the Leguminosae-Papilionoideae for the 'Flora of Tropical East Africa'. II (Kew Bull. 24, 1970, 235-308, 3 fig., 2 maps, 5 tab.).  
A re-appraisal of Abrus (13 spp. keyed out). Critical notes on Clitoria, Glycinus, Ophrestia, Pseudoeriosema. Survey of Teramnus (key to 7 spp.), Erythrina, Mucuna, and some other African genera.
- : Ditto. III (Kew Bull. 24, 1970, 379-448, 9 fig., pl. 7-8).  
Observations on various genera; key to Dolichos and a dozen allied genera of which some new; contains also data on a few Malesian and Thailand spp.
- : Ditto. IV (Kew Bull. 24, 1970, 507-570, 8 fig., 1 pl.).  
Distinction Phaseolus and Vigna; electrophoretograms of seed extracts; key to Vigna subg. & sect. and allied genera; style and stigma structures; notes on 57 spp. of Vigna; several Asiatic and Malesian spp. incl.
- Vidal, J.E. & J. Lemoine: Contribution à l'ethnobotanique des Hmong du Laos (J. Agric. Trop. & Bot. Appl. 17, 1970, 1-59, 7 fig., 1 map).

- Vink, W.: The Winteraceae of the Old World. I. Pseudowintera and Drimys. Morphology and Taxonomy (Blumea 18, 1970, 225-254, 34 fig.).  
In Pseudowintera 3 spp., in Drimys 5 spp. of which 4 in Australia. Within D. piperita 39 'entities' are distinguished. Extensive discussion on the taxonomical diversity, especially in New Guinea. Original observations on regeneration which is often largely or exclusively vegetative. Keys.
- Vlugt, P.J. van der: Nogmaals vier nieuwe exoten (Het Aquarium 40, 1970, 280-284, 5 fotogr.).  
I.a. Utricularia sp. from Johore (sterile).
- : Cryptocoryne bullosa (Arac.) (Het Aquarium 41, 1970, 86-88, 4 fotogr.).  
In Dutch. C. bullosa from Sarawak. Details on life habitat.
- Vogel, E.F. de: Monograph of the tribe Apostasieae (Orchid.) (Blumea 17, 1969, 313-350, 14 fig.).  
Full argumentation to maintain Apostasieae as a primitive tribe in Orchidaceae; discussion of the morphological features; 8 spp. and 1 var. distinguished in Neuwiedia (2 new from Borneo, 1 from Thailand); Adactylus sunk in Apostasia; 7 spp. keyed out in Apostasia as a section; identification list.
- Vogl, R.J.: The role of fire in the evolution of the Hawaiian flora and vegetation (Proc. Annual Tall Timb. Fire Ecol. Conf. no 9, 1969, 5-60, 15 fig.).
- Vuyk, J.: Flos Susannae of Suzanne-Bloem (Orch.) (Orchideeën 27, 1965, 79-82, 85-88, 109-111, 132-134).  
2 spp. gigantea (= robusta) and susannae do not belong to Pecteilis Rafin. but to Platanthera! Pl. susannae (L.) Lindl. and Pl. gigantea (Sm.) Vuyk. Pl. radiata is a Habenaria. Pl. susannae var. doctersii J.J.S. is Pl. gigantea var. doctersii.
- Waard, P.W.F. de & A.C. Zeven: Pepper. Piper nigrum L. (Piper.) (Misc. Pap. no 4, Landbouwhogeschool Wageningen, 1969, 409-426, 5 fig.).  
Overall account.
- Wakabayashi, M.: On the affinity in Saxifragaceae s.l. with special reference to the pollen morphology (Act. Phytotax. Geobot. 24, 1970, 128-145, 6 fig., 3 pl., 1 tab.).  
In Japanese. Summary provides short discussion of affinities within the family which is not split into two as Hutchinson suggests.

- Walters, I.D.: The genus Pachystoma Bl. in Australia (Orch.) (N. Queensl. Natur. 36, 1969, 6-8, 1 pl.).  
1 sp. in the Northern Territory and N. Queensland.
- Wanandon, P.W. (To Komes): The Ueang Sae Orchid (Dendrobium scabrilingue Lindl.) (Nat. Hist. Bull. Siam Soc. 22, 1968, 317-321, pl. 18).  
Descr. and photograph.
- Wardle, P., A.F. Mark & G.T.S. Baylis: Vegetation studies on Secretary Island, Fiordland (New Zeal. J. Bot. 8, 1970, 3-21, 8 fig., 3 tab.).  
Dynamics of virgin vegetation; Podocarpus  $\longleftrightarrow$  Nothofagus.
- Wet, J.M.J. de & J.R. Harlan: Bothriochloa intermedia, a taxonomic dilemma (Gram.) (Taxon 19, 1970, 339-340).  
Botriochloa, Capillipedium and Dichanthium should be combined, Dichanthium taking priority.
- Wharton, C.H.: Man, fire and wild cattle in Southeast Asia (Proc. Annual Tall Timb. Fire Ecol. Conf. March 1968, 107-167, 20 fig.).  
Fire and game in relation to deforestation.
- Whitmore, T.C.: Liberbaileya gracilis (Palm.) (Principes 14, 1970, 97-107, 11 fig.).  
Details of this local endemic palm of Langkawi Is. (NW. Malaya).
- & C.P. Burnham: The altitudinal sequence of forests and soils on granite near Kuala Lumpur (Mal. Nat. J. 22, 1969, 99-118, 1 fig., 6 tab., pl. 18-22).
- , Soh Kim-Gai & B.M.G. Jones: Studies in Macaranga. II. Chromosome counts (Euph.) (Taxon 19, 1970, 255-256, 1 tab.).  
15 counts,  $2n = 22, 20$ ; based on Malaysian material.
- Wiedemann, A.M.: A quadrat in the Ulu Gombak Jungle Reserve (Mal. Nat. J. 22, 1969, 159-163, 1 fig., 3 tab.).
- Wilbur, R.L.: The correct name of an Hawaiian Rubiaceae tree: Gouldia affinis vs. Gouldia terminalis (Brittonia 21, 1969, 224-226).
- Wilde, W.: A visit to the Royal Botanic Gardens, Peradeniya (J.R. Horticult. Soc. 95, 1970, 315-317).  
Brief general outline.
- Willis, J.H.: Rediscovery of Pomaderris obcordata in Victoria (The Vict. Natur. 87, 1970, 250).  
2 new comb. (Olearia, Compos.; Spyridium, Rhamn.).

- Wit, H.C.D.de: A key to the species of Cryptocoryne Fisch. ex Wydl. (Arac.) (Belmontiana 13, 1969, 1970, 257-280, 29 photogr.).  
Concise key to all 51 spp. of the genus (7 new spp., 1 new name).
- Wong, M.: Contribution à l'histoire de la matière médicale végétale chinoise (J.Agric.Trop.& Bot.Appl. 17, 1970, 92-140, 200-226, 37 fig.).
- Wong Yew Kwan & T.C.Whitmore: On the influence of soil properties on species distribution in a Malayan lowland Dipterocarp forest (Mal.For. 32, 1969, 422).  
No correlation with soils on 10 1-acre plots on 3 contrasting soil types. Predominant factor is the reproductive behaviour.
- Wu, Cheng-Yih: Revisio Labiatarum Sinensium (Act.Phytotax. Sin. 8, 1959, 1-66, pl.1-4).  
No keys; some new spp.
- : Materiae ad Floram Labiatarum Sinensium. (1-2) (Act. Phytotax.Sin. 10, 1965, 143-166, pl.29-38, 215-242, pl.41-45).  
New spp. in Gomphostemma, etc.
- Wycherley, P.: Conservation of limestone hills in Malaya (IUCN Publ. n.s. no 10, 1968, 410-414).  
Plea for conserving some fascinating limestone hills with their unique fauna and flora, especially Batu Caves, the most southern and most accessible.
- : Forests and productivity (Mal.Nat.J. 22, 1969, 187-197, 1 fig., 4 tab.).
- : Letter to the Editors (Mal.Nat.J. 22, 1969, 206, pl. 43).  
Cassytha on Scurrula on Melastoma.
- : Whither Wildlife? (The Planter 46, 1970, 73-80).  
Review of a cyclostyled report by W.E.Stevens, Canadian Colombo Ecologist, titled "The conservation of Wild Life in West Malaysia", 123 pp., Oct. 1968.  
Office of the Chief Game Warden, Federal Game Department, Ministry of Lands & Mines, Seremban, Malaysia.
- Yamazaki, T.: New combination and new name in two taxa (J. Jap.Bot. 44, 1969, 366).  
Symplocos pergracilis (Nakai) comb.nov. (Bonin Is.) (Sympl.), and Salvia muratae nom.nov. (Lab.).
- : Supplement of the Flora of Ryukyu and Formosa (J. Jap.Bot. 45, 1970, 29-31, 1 fig.). Notes on 2 Tripterosperrums (Crawfurdia) (Gent.) and 2 Trichodesmas (Borag.).

- : Dicliptera japonica should be transferred to the genus Peristrophe (Acanth.) (J.Jap.Bot. 45, 1970, 31-32, 1 fig.).  
2 Peristrophe (1 new comb.).
- : New and noteworthy plants of Scrophulariaceae in Himalaya (1) (J.Jap.Bot. 45, 1970, 145-149, pl.7-8, 6 fig.).  
New spp. of Lindenbergia and Pedicularis from Nepal and Bhutan.
- : New and noteworthy plants of Scrophulariaceae in Himalaya (2) (J.Jap.Bot. 45, 1970, 166-179, 11 fig.).  
Many new spp. of Pedicularis; 1 in Veronica; 1 in Wulfenia; all from Nepal.
- Yonzon, G.S., C.R. Babu & D. Das: On the occurrence of Eupatorium ligustrinum DC. in India (Compos.) (Indian For. 96, 1970, no 5, 1 p.).  
From forest plantations in Darjeeling.
- Young, B.R.: Identification of Passionflowers in New Zealand (Dicotyledones: Passifloraceae) (Rec. Auckl. Inst. & Mus. 7, 1970, 143-169, 43 fig.).  
Key to 12 spp., all introduced or cultivated.
- Yu, T.T. & K.C. Kuan: Taxa Nova Rosacearum Sinicarum (1) (Act. Phytotax. Sin. 8, 1963, 214-234, pl. 26-27).  
Sorbus, Photinia, Eriobotrya, etc.; records and new species.
- Zhuo-Po, J.: Some new plants of Chinese Parnassia (Saxifr.) (Act. Phytotax. Sin. 8, 1963, 253-258, pl. 33-34).  
Records; 3 new spp.
- : Tres species novae generis Chrysosplenii sinensis (Saxifr.) (Act. Phytotax. Sin. 8, 1963, 337-340, pl. 38).
- Zotov, V.D.: Chionochoa macra: a new species (Gram.) (New Zeal. J. Bot. 8, 1970, 91-93, 2 fig.).  
From South Island.