

XII. BIBLIOGRAPHY
(continued from p.1510)

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 by an asterisk.

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Key and descr. to spp.
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Nomenclatural status of *G. barbadense*; sectional names in Hutchinson's classification.
- Brockie, W.B.: Artificial hybridisation of New Zealand species and varieties of *Epilobium* (Onagr.) (New Zeal. J. Bot. 4, 1966, 366-391, 2 fig.).
- Browicz, K.: The genus *Periploca* L. A monograph (Asclep.) (Arb. Kórnickie, Poland, ii, 1966, 1-104, 37 fig., 1 tab.).
In English; keys; descr.; maps; also one sp. in India.
- Brummitt, R.K.: *Calpurnia aurea* (Ait.) Benth., a Cape species in tropical Africa and Southern India (Legum.) (Kirkia 6, 1967, 123-131).
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- *Burbidge, N.T.: Australian grasses. Vol. 1. Angus & Robertson Ltd., 1966, 158 pp., 62 pl.
Each species with a full descr. and a plate; each plate giving habit and a detail of spikelet.
- Burt, B.L.: *Gesneriads as a family* (Plants & Gardens n.s. 23, 1967, 54-57).
A brief review of the general state of knowledge in this family of 125 genera, 2000 species, 300 of which are in cultivation. More equally popular papers on the Gesneriaceae in the same instalment.
- Carlquist, S.: Anatomy and systematics of *Dendroseris* (sensu lato) (Comp.) (Brittonia 19, 1967, 99-121, 66 fig., 1 tab.).
Endemic in Juan Fernandez; with Darwin it is supposed that these tree-like forms are not relicts but specialisations. Several genera should be united with it.

- : The biota of long-distance dispersal. V. Plant dispersal to Pacific Islands (Bull. Torrey Bot. Club 94, 1967, 129-162, 13 fig.).
Important contribution towards means of dispersal.
- Carolin, R.C.: Seeds and fruit of the Goodeniaceae (Proc. Linn. Soc. N.S.W. 91, 1966, 58-83, 11 fig., 2 tab.).
Seed types in Goodenia and satellite genera by various characters incl. anatomy; same in Scaevola; also studies on seed vascular supply.
- : The genus Velleia Sm. (Gooden.) (Proc. Linn. Soc. N.S.W. 92, 1967, 27-57, 12 fig.).
Monogr.; key to 20 spp.
- Cavaco, A.: Notes sur quelques Vanguériées (Rubiaceae) (Adansonia 7, 1967, 357-361, 1 pl.).
Psydrax Gaertn. originally from Ceylon a synonym of Pyrostria; Canthium and Pyrostria contrasted; some new comb.
- Chanda, S.: On the pollen morphology of the Centrolepidaceae, Restionaceae and Flagellariaceae, with special reference to taxonomy (Grana Palynol. 6, 1966, 355-415, 1 fig., 1 tab., 19 pl.).
- Chandra, S.K. & J.R. Bhattacharjee: Strophanthus wallichii A. DC. from North Bengal - a new record (Apoc.) (Bull. Bot. Surv. India 8, 1966, 342).
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Descr. of a new sp. from Botel Tobago in Beilschmiedia and 5 noteworthy records which relate its flora to the Philippines.
- : Myrtaceae of Taiwan (Bull. Taiwan Prov. Pingtung Inst. Agric. 5, 1964, 45-60, 3 pl.).
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- : Novitates sinensis generis Quercus L. (Fagac.) (Acta Phytotax. Sin. 11, 1966, 254-262).
- Chaudhri, I.I., S.I. Hussain & B.H. Shah: The vegetation of riverian tract of the Indus around Ghulam Mohammed barrage, West Pakistan (Vegetatio 13, 1966, 319-338, 4 fig., 6 phot., 6 tab.).
Plant communities.

- *Chavan, A.R. & G.M. Oza: The Flora of Pavagadh (Gujarat State, India). Maharaja Sayajirao Univ. of Baroda, Bot. Mem. no 1, publ. by Dept of Bot., Fac. of Sci., M.S. Univ. of Baroda (1966) 296 pp., 2 pl. (apply to Univ. publications sales Unit, near Palace Gate, Baroda 1, India). An isolated hill near Baroda; short discussion of environmental factors; mainly a list of spp. with diagnostic keys.
- Chen, Feng-huci, Ling Yong, Yi-ling Chen, Shih Chu & Wang Wei: De Genere Anaphalis DC. Familiae Compositarum e Florae Sinicae (Acta Phytotax. Sin. 11, 1966, 91-112).
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- : The genus Curculigo in China (Amaryll.) (Acta Phytotax. Sin. 11, 1966, 136-138).
- *Chopra, R.N., R.L. Badhwar & S. Ghosh: Poisonous plants of India. Vol. 1 (1965) 631 pp., 158 fig. Indian Council of agricultural Research, New Delhi. Lavish descr. of families and genera; key to genera.
- & H. Kaur: Some aspects of the embryology of Cornus (Cornac.) (Phytomorphology 15, 1965, 353-359, 5 fig.). Comparison with Alangium; embryol. does not sustain Alangium to be a separate family.
- Chow, S.: Revisio Kinostemoni Kudo (Labiata.) (Acta Phytotax. Sin. 10, 1965, 243-246).
- : Materiae ad genus Teucrium L. Sinense (Labiata.) (Acta Phytotax. Sin. 10, 1965, 329-346).
- Chowdhury, K.A.: The tertiary flora of India and probable disposition of continents (The Palaeobotanist 14, 1966, 172-184, 6 fig., 3 maps, 2 tab.). In this paper no botanical evidence whatsoever supports the view that the Indian tropical flora has originally been at 30 degrees southern latitude, and shifted to 30 degrees north. This idea is only based on the hypothetical views of geophysicists. The map of the recent distribution of the Dipterocarpaceae is very incomplete as far as Africa is concerned. Why was this paper published?
- Chuang, Ching-chang: Study on the Taiwan Cucurbitaceae (Taiwania 12, 1966, 117-135). Key to genera and species.
- Chun, Woon-young & Pui-cheang Tam: Notulae ad Fagaceas Hainanicas (Acta Phytotax. Sin. 10, 1965, 207-209).

- Clarke, L.D. & N.J. Hannon: The mangrove swamp and salt marsh communities of the Sydney District. I. Vegetation, soils and climate (J.Ecol. 55, 1967, 753-771, 2 fig., 8 tab., 4 phot.).
Map of mangroves and salt marshes examined in Australia; Avicennia and Aegiceras sole trees, otherwise several herbs. Zonation with soils do not play significant role; so does climate. Conclusion is quite incomprehensible.
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- Cochrane, G.R.: The description and mapping of vegetation in Australia: a contribution to the International Biological Programme (Victor.Natur. 84, 1967, 299-316).
General principles.
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Xyris guillauminii Conert sp.nov.
- Connor, D.J.: Vegetation studies in North-West Victoria. I. The Beulah-Hopetoun area (Proc.R.Soc.Vict. 79, 1966, 579-595, 4 fig., 3 tab., 2 phot.).
Vegetation; specially smaller types in relation to soils.
- : Vegetation studies in North-West Victoria. II. The Horsham area (Proc.R.Soc.Vict. 79, 1966, 637-653, 3 fig., 1 tab., 2 phot.).
Vegetation.
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Reduced fertility; potential interspecific gene exchange is discussed.
- Constance, L.: The mysterious cultivated Angelica of New Zealand (Umbell.) (New Zeal.J.Bot. 5, 1967, 447-449, 6 fig.).
Angelica pachycarpa from NW.Spain.
- Cooper, M.J.: Destruction of marine flora and fauna in Fiji caused by the Hurricane of February 1965 (Pacif.Sci. 20, 1966, 137-141, 2 fig.).
Litoral observations, mostly zoological.
- Cooper, R.C.: Ipomoea pes-caprae (Convolv.) on Ninety Mile Beach, New Zealand (Rec.Auckl.Inst.& Mus. 6, 1967, 171-174, 1 fig., pl.25-26).
Seems to be a rare immigrant!

- Corner, E.J.H.: Mount Kinabalu East (Sabah Soc.J. 4, 1965, 170-187, 7 fig., 8 pl.).
A beautifully illustrated account of the 2nd Roy.Soc. Exp., mostly geogr., but with vegetation types of summit mentioned; a suggestion to geologists about the pre-Kinabalu.
- Coulter, J.D.: Mountain climate (New Zeal.Ecol.Soc., Proc. 14, 14, 1967, 40-57, 16 fig., 9 tab.).
- Cruttwell, N.G.G.: Rhododendron time in the Daga (Ericac.) (The Rhododendron 6, 1967, 7-9, 3 phot.).
Some general notes on R.konori and R.zoelleri.
- Cullen, D.J.: A note on the regional structure of the South-west Pacific (New Zeal.J.Sci. 10, 1967, 813-815).
Bathymetric, seismic and volcanic data indicate that the Kermadec and Colville ridges, N of New Zealand, and the Macquarie Ridge, between New Zealand and Antarctica are a continuation of the west Pacific island arc system, and not sections of a mid-oceanic ridge.
- *Curtis, W.M.: Forests and flowers of Mount Wellington, Tasmania (Tasm.Mus.& Art Gallery, 1966, 24 pp., 13 fig., 8 col.phot., 1 map).
Beautifully illustrated by drawings and photographs; account of the plants, mostly trees.
- *----- : The student's Flora of Tasmania. Vol.3 (1967) 465-661, fig.106-138.
Another volume of this valuable work, excellently illustrated.
- Cusset, G.: Passifloraceae (Flore Camb., Laos & Vietn. no 5, 1967, 101-151, pl.I-VII).
- : Les Passifloracées asiatiques (Adansonia 7, 1967, 371-385).
Synopsis and keys.
- Dandy, J.E.: Index of generic names of vascular plants 1753-1774 (Regnum vegetabile 51, 1967, 1-130).
Important list; arranged alphabetically and once again under families.
- *Datta, S.C.: A Handbook of systematic botany. London, Asia Publishing House (1966) xvi + 436 pp., 17 half-tone phot., 80 text-fig.
- & K.K.Biswas: Form-variations in Ottelia alismoides (L.) Pers. (Brotéria 36, 1967, 63-69, 2 fig.).
- *Davis, G.L.: Systematic embryology of the Angiosperms. J.Wiley & Sons Inc. (1966) 528 pp.
See Review in this Bulletin.

- Davis, T.A. & A.Kundu: Aestivation of perianths of Areca catechu Linn. fruits (Palmae) (J. Bombay Nat. Hist. Soc. 63, 1966, 270-282, 3 fig., 6 tab.).
- Dawson, J.W.: Vegetative features of Griselinia lucida - a New Zealand shrub epiphyte (Cornac.) (Tuatara 14, 1966, 121-129, 5 fig.).
A conspicuous woody hemi-epiphyte.
- : The New Zealand species of Gingidium (Umbell.) (New Zeal. J. Bot. 5, 1967, 84-116, 18 fig., 2 tab.).
5 spp. Hybrids; pollen; gynodioecism; key; descr.
- : New Zealand Umbelliferae. Lignocarpa gen. nov. and Scandia gen. nov. (New Zeal. J. Bot. 5, 1967, 400-417, 11 fig., 2 tab.).
Segregates from Gingidium; end. in New Zealand.
- : A growth habit comparison of Metrosideros and Ficus (Tuatara 15, 1967, 16-24, fig. 1-5).
- Deb, D.B.: An undescribed species of Hypoxidaceae (Amaryll.) (Bull. Bot. Surv. India 6, 1965, 77-79, tab. 1-3).
Molineria prainiana Deb sp. nov. was originally collected by I.H. Burkill during the Abor Exp., and named by D. Prain as Curculigo grandis; Burkill published this name without any description in 1925. The species is here described in detail in accordance with the Code.
- : Pauia Deb et Dutta - a remarkable new genus and species from Tirap Frontier Division (Solan.) (Indian For. 91, 1965, 363-366, 1 tab.).
Pauia belladonna n.g.n.sp. from Tirap Frontier Division of N.E.F.A. In habit rather close to Atropa acuminata Royle.
- : On the identity of Lysimachia santapau Subbarao et Halim. (Primul.) (Bull. Bot. Surv. India 8, 1966, 96).
- : A new synonymy in Umbelliferae (J. Bombay Nat. Hist. Soc. 63, 1966, 455).
- & G.K. Deka: A new species of Trigonostemon Blume from the Khasi Hills (Euphorb.) (Indian For. 91, 1965, 577-578, tab. 1-2).
T. chatterjii n.sp. from Khasya.
- & R. Dutta: Interesting plants from Eastern India. 2 (Bull. Bot. Soc. Beng. 19, 1965 (1967), 37-38, 3 tab.).
- & K.C. Malick: Contribution to the genus Rubia L. (Rub.) (J. Bombay Nat. Hist. Soc. 63, 1966, 781-783, 2 pl.).
An erect species, habit of Hedyotis.

- Dickison, W.C.: Comparative morphological studies in Dilleniaceae. I. Wood anatomy (J. Arn. Arb. 48, 1967, 1-29, 2 tab., 6 pl.).
Allied to Theaceae.
- Dixit, S.N. & S.M. Tripathi: Occurrence of Helminthostachys zeylanica Hook. in Lakshmipur Forest (Gorakhpur) (Ophiogl.) (Indian For. 92, 1966, 275-277, fig. 1-3).
At 26°5' N, 83°4' E.
- Donde, V.P.: Studies in the Cyperaceae of Nagpur. II. The achene (J. Ind. Bot. Soc. 45, 1966, 375-383, 27 fig., 1 pl.).
- : Scirpus kernii Raymond - A new record for India (Cyper.) (Bull. Bot. Surv. India 8, 1966, 358, 10 fig.).
- Doty, M.S. & B.C. Stone: Two new species of Halophila (Hydrocharitaceae) (Brittonia 18, 1966, 303-306, 2 fig.).
From Hawaii and New South Wales respectively.
- & ----- : Typification for the generic name Halophila Thouars (Hydroch.) (Taxon 16, 1967, 414-418, 2 fig.).
Original material from Madagascar of Thouars described as a new species, *H. madagascariensis*.
- Duigan, S.L.: The nature and relationships of the tertiary brown coal flora of the Yallourn area in Victoria, Australia (The Palaeobotanist 14, 1966, 191-201, 2 tab.)
All had wider areas than now; all 16 taxa are still represented in New Guinea and some in New Caledonia.
Brown coal flora mostly Nothofagus forest and mixed broad-leaf gymnosperm floras.
- Dumbleton, L.J.: Winter dormancy in New Zealand biota and its paleoclimatic implications (New Zeal. J. Bot. 5, 1967, 211-222).
Winter diapause adaptation response to Pleistocene palaeoclimate; the cold was less severe than on the northern hemisphere.
- Duncan, W.H.: Commelina benghalensis, a species new to the United States (Commel.) (Brittonia 19, 1967, 282).
Found in Sapelo I., Georgia.
- Dutta, N.M.: A revision of the genus Torenia L. of Eastern India (Scroph.) (Bull. Bot. Soc. Beng. 19, 1965 (1967), 23-27).
7 out of 11 Indian spp. keyed out and discussed.
- Eckardt, T.: 150 Jahre Botanisches Museum Berlin (1815-1965) (Willdenowia 4/2, 1966, 151-182, 15 Abb.).
An interesting, well illustrated brief history up till its post-war remaking.

- El-Gazzar, A. & L. Watson: Consequences of an escape from floral minutiae and floristics in certain Labiatae (Taxon 16, 1967, 186-189, tab.).
A better definition of Pogostemon and Dysophylla necessitating 4 transfers of Dysophylla to Pogostemon, incl. the type sp. of Dysophylla which was originally descr. as a monotypic genus. See for a solution of the nomenclatural consequence the paper by Shaw.
- Ellis, J.L.: A contribution to the vascular flora of Balapalle Range of Seshachellam Reserve Forest, Cuddapah District, Andhra Pradesh (Bull.Bot.Surv.India 8, 1966, 328-340, 1 map).
Short introduction on vegetation; name list.
- : Euphorbia linearifolia Roth var. nallamalayana Ellis - a new variety from Andhra Pradesh, South India (Euph.) (Bull.Bot.Surv.India 8, 1966, 345-346, 9 fig.).
- : Andrographis nallamalayana Ellis - a new species from Andhra Pradesh, South India (Acanth.) (Bull.Bot.Surv.India 8, 1966, 362-363, 7 fig.).
- Erady, N.A.: A new species of Christisonia Gardn. from South India (Orobanch.) (J.Bombay Nat.Hist.Soc. 64, 1967, 9-12, 1 pl.).
- Erdtman, G.: On the pollen morphology of Trigonobalanus (Fagaceae) (Botan.Notis. 120, 1967, 324-333, 6 fig.).
Certain details are in favour to consider T.doichangensis as a separate genus.
- Esler, A.E.: The vegetation of Kapiti Island (New Zeal.J.Bot. 5, 1967, 353-393, 16 fig., 10 tab.).
Pioneer restoration after deforestation.
- Fang, Wen-pei: Revisio Taxorum Aceracearum Sinicarum (Acer.) (Acta Phytotax.Sin. 11, 1966, 139-204).
- Farooq, M. & S.A.Siddiqui: Studies in the Lentibulariaceae. 6. The embryology of Utricularia stellaris Linn.f. (J.Ind. Bot.Soc. 46, 1967, 31-44, 63 fig.).
- Fernandez, R.R.: Gums and resins (For.Res.Inst.Dehra Dun, Ind. For.Leafl. no 174, 1964, 21 pp., 3 pl., 1 fig.).
Also about Hardwickia.
- Forman, L.L.: On the evolution of cupules in the Fagaceae (Kew Bull. 18, 1966, 385-420, 14 fig.).
- : Generic delimitation in the Castaneoideae (Fagaceae) (Kew Bull. 18, 1966, 421-426).
- & D.F.Cutler: Additional notes on Trigonobalanus Forman (Fagac.) (Kew Bull. 21, 1967, 331-334).

- Fosberg, F.R. & H. Sachet: Lebronnecia, gen. nov. (Malvaceae) des îles Marquises (Adansonia 6, 1966, 507-510).
- Friedberg, C. & L. Berthe: Note ethnobotanique sur l'utilisation rituelle de quelques riz balinais (J. Agric. Trop. & Bot. Appl. 10, 1963, 612-620, 4 pl.).
- Fu, Shu-hsia: Species et Combinationes Novae Crassulacearum Sinicarum (Crass.) (Acta Phytotax. Sin. Addit. I, 1965, 111-128).
- Fuchs, H.P.: Pollen morphology of the family Bombacaceae (Rev. Palaeobot. & Palyn. 3, 1967, 119-132, 1 pl., 1 tab.).
Camptostemon should go to Stercul.; taxon. remarks in a concise survey of pollen types.
- Fukuda, I.: The biosystematics of Achlys (Berber.) (Taxon 16, 1967, 308-316, fig. 1-9, tab. I-IV).
Monographic cytogenetic. There are 2 diploid subspecies, one in America, one in Japan, and a second tetraploid species in California.
- Fukuoka, N.: Sambucus and Viburnum of Thailand (Caprif.) (Acta Phytotax. Geobot. 22, 1967, 163-174, 1 fig.).
In Sambucus javanica 3 varieties; key to 10 spp. of Viburnum.
- Gadella, T.W.J.: Some notes on the delimitation of genera in the Campanulaceae. Parts 1 and 2 (Proc. Kon. Ned. Akad. Wet. A'dam 69C, 1966, 502-521, illustr.).
- Ghose, S.K.: Studies on the insect pollinators of Olitorius and Capsularis Jute (J. Bombay Nat. Hist. Soc. 63, 1966, 315-326, 2 fig., 5 tab.).
- Gillett, G.W.: Hybridization and its taxonomic implications in the Scaevola gaudichaudiana complex of the Hawaiian Islands (Gooden.) (Evolution 20, 1966, 506-516, 6 fig.).
Suggested diversity through clinal introgressive hybridization by reciprocal gene flow from S. gaud. and S. mollis. Indicated are many cases of hybrid. in Hawaii, not only in spp. but also intergeneric.
- : Coronanthera grandis, a new species from the Solomon Islands (Gesner.) (J. Arn. Arb. 48, 1967, 245-248, 1 fig.).
Genus hitherto only known from New Caledonia; the single Queensland species is obviously in the wrong genus.
- Girard, F.: Les gens de l'igname. Les Buang de la vallée du Snake, District de Morobé, Nouvelle-Guinée (J. Agric. Trop. & Bot. Appl. 14, 1967, 287-338, 6 fig., 8 pl.).
Agricultural ethnobotany of the sweet potato.

- Gledhill, D.: Cytotaxonomic revision of the Axonopus compressus (Sw.) Beauv. complex (Gram.) (Bolet. Soc. Brot. 40, 1966, 121-142, 3 tab.).
Keys to 10 African species.
- Godley, E. J.: Breedings systems in New Zealand plants. 4. Self-sterility in Pentachondra pumile (Epacr.) (New Zeal. J. Bot. 4, 1966, 249-254, 1 fig., 2 tab.).
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3 sect. and 6 spp. are recognized; it is suggested that Eliaea from Madagascar might belong to Cratoxylum; keys.
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Monogr.; keys; 54 spp.
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- *Gourou, P.: The Tropical World. Its social and economic conditions and its future status (1957) 159 pp., 15 fig., 39 phot.
English revised translation from the French original.
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2 spp. of Caleana popul. descr.
- Green, S.: Notes on the distribution of Nepenthes species in Singapore (Nepenth.) (Gard. Bull. Sing. 22, 1967, 53-65, 4 pl., 1 map).
Largely ecological notes.
- Greig-Smith, P., M. P. Austin & T. C. Whitmore: The application of quantitative methods to vegetation survey. I. Association-analysis and principal component ordination of rain forest (J. Ecol. 55, 1967, 483-503, 15 fig., 3 tab.).
Relevées in the Solomons (Kolombangra).
- Grierson, A. J. C.: The genus Psychrogeton (Compos.) (Notes R. Bot. Gard. Edinb. 27, 1967, 101-147, 7 fig., pl. 3-5).
Monogr. of 29 spp.; Turkestan to Himalaya.

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- : Ditto. CXXIII. Plantes récoltées par M. Mackee (Suite en fin) (J. Agric. Trop. & Bot. Appl. 11, 1964, 188-201). New spp. in *Parsonsia*, *Artia*, *Marsdenia* and *Solanum*.
- : Ditto. CXXVIII. Plantes recueillies par M. McKee (Cah. Pacif. 9, 1966, 47-66). List. No. novelties or new comb.
- : Comment ont été connues les plantes vasculaires de Nouvelle-Calédonie (Adansonia 2, 1967, 451-463). History of New Caled. collecting and phytography.
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Revision; only 1 sp. with 2 var. recognized.
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- : Aucubinartige Glucoside. Über ihre Verbreitung und Bedeutung als systematisches Merkmal (Pharm. Acta Helv. 41, 1966, 577-587).
Hippuris and *Callitriche* belong to reduced Tubiflorae. Cornac. and Alang. are not directly allied to Umbell. and Aral.

- Heine, H.: Ave Caesar, Botanici te salutant (Adansonia 7, 1967, 115-140).
On plant names of genera named after emperors. Calome-
ria Vent. (Compos.) has priority over Humea J.Sm. and
species are transferred.
- Hennipman, E. & A. Touw: Report on the Thai-Dutch Botanical
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269-281, 1 map)..
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- Henry, A.N.: A new species of Laurembergia Berg. (Haloragac.)
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603-605, 1 pl.).
- Herklots, G.A.C.: Manglietia insignis (Magnol.) (Amer.Hort.
Mag. 43, 1964, 89-92, 6 fig.).
Discovered in Nepal in 1962; suitable for cultivation.
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Linn.Soc.N.S.W. 91, 1967, 231-232, 2 tab.).
Humus layers at 2000 m in Cameron Highlands; why this
is called peat is unclear.
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in Malaya (Proc.Linn.Soc.N.S.W. 92, 1967, 58-66, 5 tab.).
Most essential features are correct; to be regretted
that basic work of Anderson on peat-forest of Borneo
and Müller on their palynology was obviously unknown to
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- Heyligers, P.C.: Observations on Themeda australis-Eucalyptus
savannah in Papua (Pacif.Sci. 20, 1966, 477-489, 7 fig.
3 tab.).
Ecological.
- Hiroe, M.: Umbelliferae of Thailand. II (Acta Phytotax.Geobot.
22, 1967, 141-144, 1 fig.).
10 records listed; no novelties.
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(Trans.R.Soc.New Zeal. Bot. 3, 1966, 169-174, 2 fig.,
1 tab.).
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Group, in 1963 (N.Isl., New Zealand) (Rec.Auckl.Inst.&
Mus. 6, 1967, 175-184, 4 tab., pl.27-35).
Sociological history of reserved quadrats after goats
were eradicated.
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Disagrees with findings of Shindo (ibid. 32, 1963, 922-
926) and believes Aerides is very different from the 3
genera named.

- : On "wide" crosses in orchids (Amer.Orchid Soc.Bull. 33, 1964, 199).
Doubt on the validity of reported crosses of *Arachnis* with *Cattleya* and with *Dendrobium* (ibid. 32, 1963, 699).
- : The Bamboos of New Guinea (Gram.) (Kew Bull. 21, 1967, 263-292, 5 fig.).
Keys to 4 genera and spp. of *Bambusa* (11 spp.), *Schizostachyum* (4), *Racemobambos* (3), *Nastus* (7). Several new spp. and comb.
- & B.Molesworth Allen: The tree-ferns of Malaya (Gard. Bull.Sing. 22, 1967, 41-51).
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- Hoo Gin & Chang-jiang Tseng: Contributions to the Araliaceae of China (Acta Phytotax.Sin. Addit. I, 1965, 129).
- Hotta, M.: Notes on Bornean plants. II (Acta Phytotax.Geobot. 22, 1967, 153-162, 7 fig.).
Araceae (some new), Burmanniaceae (a new *Thismia*).
- Hou, Ding: Report of a study trip on Anacardiaceae to Malaysia and Singapore, in 1966 (Nov. 1966) 23 pp. stencilled, 3 maps; ed. Rijksherbarium.
- : Sarawakodendron, a new genus of Celastraceae (Blumea 15, 1967, 139-143).
A remarkable new genus, with affinities to *Salacia*, *Kokoona* and *Lophopetalum*, hence intermediate between the Celastraceae and the former Hippocrateaceae; fruit a 3-fid capsule; seeds with a unique fringed aril.
- Hsu, Ping-sheng: Some new plants of Chinese Viburnum (Caprif.) (Acta Phytotax.Sin. 11, 1966, 67-90).
- Hu, Hsen-hsu: Glyptocarpa, a new genus of Theaceae (Acta Phytotax.Sin. 10, 1965, 25-26).
- : New species and varieties of Camellia and Theopsis of China. 1 (Acta Phytotax.Sin. 10, 1965, 131-142).
Theaceae.
- Hu, Shiu-Ying: The Compositae of China. III (Quart.J.Taiwan Mus. 19, 1966, 1-73).
Runs from *Cacalia* to *Coreopsis*.
- : The evolution and distribution of the species of Aquifoliaceae in the Pacific area. 2 (J.Jap.Bot. 42, 1967, 49-58, 14 maps).
A general geogr. survey of *Ilex*, in which 14 groups are distinguished. Amer. spp. evolved from NE.Asian ones. The primitive stock was Cretaceous and probably generated in tropical SE.Asia and Malesia.

- Huang, Tseng-chieng: Pollen grains of Formosan plants. I (Taiwania 12, 1966, 1-7, 3 pl.).
Chloranthaceae, Piperaceae, Saururaceae.
- : Monograph of Daphniphyllum. II (Daphniph.) (Taiwania 12, 1966, 137-234, fig.10-44).
- Huard, J.: Étude anatomique des épines de quelques palmiers (Adansonia 7, 1967, 221-235, 4 pl.).
Including also Malesian spp.
- Hundley, H.G.: Kanyin/ Dipterocarpus species (Burmese For. 7, 1957, 77-82, illustr.).
Kanyin is the vernacular Burmese name for 11 smooth barked lowland dipterocarp species. Figures and distribution.
- Hunt, D.R.: Nyctaginaceae (Kew Bull. 21, 1967, 251).
Record of Pisonia grandis from the mainland of E. Africa (at 5°6' S) on large coral-block. Hitherto not found west of the Seychelles.
- Hunter, J.A.: A further note on Tecomanthe species W.R.B. Oliver (Bignon.) (Rec. Auckl. Inst. & Mus. 6, 1967, 169-170, pl. 24).
Natural fertilisation led to fruiting.
- Hürlimann, H.: Bemerkenswerte Farne und Blütenpflanzen von den Tonga-Inseln (Bauhinia 3, 1967, 189-202, 1 fig.).
Several novelties for the Tonga Is.; one n.sp. of Plan-tago.
- Huynh, K.-L.: Cinq espèces d'Impatiens au pollen insolite (Balsam.) (Pollen et Spores 8, 1966, 455-460, 5 fig.).
3 Jav. and 2 Indian spp.
- Issar, R.K.: A note on the occurrence of Gleadowia ruborum, a rare Himalayan genus (Orobanch.) (Indian For. 92, 1966, 132, 1 tab.).
- Iwata, K.: The joint Thai-Japanese Biological Expedition to Southeast Asia 1961-62 (Nature & Life in SE. Asia 4, 1965, 1-11, 1 map).
Personnel, itinerary, objectives.
- & M. Matsuoka: Agricultural practices among some ethnic groups in NE. Thailand (Nature & Life in SE. Asia 5, 1966, pp.?).
- Jacobs, M.: Rinorea (Alsodeia) (Violaceae) (Ident. Lists Males. Specim. 27, 1966, 430-442).

- : Florae Malesianae precursores XLV. Notes on Rinorea (Violaceae) from Malesia and adjacent regions (Blumea 15, 1967, 127-138, 1 fig.).
Heavy reduction of the Indo-Austral. spp.; 68 recognized in 1925 reduced to 10, with one new from Borneo; a 12th incompletely known. Several names reduced as synonyms to plants of other families.
- Jain, S.K.: Notes on Indian grasses. V. Type material of the genus Cynodon Rich. in Indian herbaria (Bull. Bot. Surv. India 8, 1966, 204-205).
- & J.N.De: Observations on ethnobotany of Purulia, West Bengal (Bull. Bot. Surv. India 8, 1966, 237-251).
17 aboriginal tribes; 210 spp. discussed.
- *Jamieson, B.G.M. & J.F.Reynolds: Tropical Plant Types (1967)
viii + 338 pp., 206 illustr.
See Review in this Bulletin.
- Jauhar, P.P.: Morphological studies in some species of Panicum L. (Gram.) (Bull. Bot. Surv. India 8, 1966, 183-188, 4 pl.).
- & A.B.Joshi: A new species of Panicum (Gram.) (Bull. Bot. Surv. India 8, 1966, 97-99, 2 fig.).
- & ----- : Cytotaxonomic investigations in the Panicum maximum Jacq. complex (Gram.) (Bull. Bot. Surv. India 8, 1966, 287-295, 5 pl., 2 tab.).
- Jayaweera, D.M.A.: The genus Duabanga (Sonner.) (J. Arn. Arb. 48, 1967, 89-100, 8 fig., 1 tab.).
A new, third species, *D. taylorii* described from a tree cultivated in Bot. Gard. Peradeniya, said to have been imported from the Botanic Gardens, Bogor; differing in number of stamens from the two other spp.
- Jeffrey, C.: Notes on Compositae. I (Kew Bull. 18, 1966, 427-486, 9 fig.).
Treatment of *Launaea* etc. refer also to Mal. spp.; key to genera.
- : On the classification of the Cucurbitaceae (Kew Bull. 20, 1966, 417-426).
A general discussion on the criteria for systematy within the family.
- : Flora of Tropical East Africa. Cucurbitaceae (1967)
1-156, 26 fig.
An important study, for Malesia interesting in some wide-spread spp. and cultigens.

- Jeffreys, M.D.W.: Who introduced maize into southern Africa? (Gram.) (S.Afr.J.Sc. 63, 1967, 24-40).
Maize was brought to the Indian Ocean littorals by Arabs before 1400. Maize was brought into S.Africa by the Nguni in 1400 and later by the Bavenda. Introduced by the Dutch in 1658. No evidence that maize was introduced by the Portuguese.
- : Pre-Columbian Maize in Southern Africa (Gram.) (Nature 215, 1967, 695-697).
Said to occur in the 14th century, south of a line from the mouth of the Zambesi in the east to the mouth of the Cunene in the west. Introduced by Arabs in the east. Evidence derived from vernacular and Portuguese vernaculars; to me not a reliable source.--v.St.
- Jermy, A.C.: British Museum (Natural History) University of Newcastle upon Tyne Expedition to New Guinea. 32 pp., map, 2 pl., 9 phot.
A general account of the expedition, Sept.3, 1964-March 18, 1965, to the mountains in the Huon Peninsula.
- & C.D.Sayers: An expedition to the Finisterre Mountains of Eastern New Guinea (J.Roy.Hort.Soc. 92, 1967, 117-128, 4 phot., + 6 in colour, 1 map).
- Jernakov, V.N.: Notes on the vegetation of the Ninety Mile Beach (Long Island) at Lakes Entrance (Victor.Natur. 84, 1967, 336-343, 5 fig.).
Veget. descr.; plant list.
- *Johnson, Anne: Malayan Botany. Eastern Universities Press (1966) 143 pp., illustr.
- : Rare plants and the community in South-east Asia (Proc.I.U.C. N.R. Bangkok Nat. Resources, 1966).
- : Malayan Seaweeds (The Malayan Scientist, 1967).
- Jones, H.G.: Some notes on the genus Schomburgkia Lindl. of the Orchidaceae and its relationships (Ann.Naturhist. Mus.Wien 69, 1966, 57-67, 4 tab., 6 pl.).
Hybridisation in orchids, even to form genera. Renata claimed to be an orchid. Important paper for the evolution of this family.
- Jones, K.: The chromosomes of Orchids. II. Vandae Lindl. (Kew Bull. 21, 1967, 151-156, 1 tab.).
Contains also Malesian and Asian spp.
- & J.B.Smith: The chromosomes of the Liliaceae. I. The karyotypes of twenty-five tropical species (Kew Bull. 21, 1967, 31-38, 3 fig., 1 tab., pl.3).
African spp. cult. at Kew, but of Chlorophytum also some from continental Asia.

- Jong, K. & A. Lethbridge: Cytological studies in the Diptero-
carpaceae. I. Chromosome numbers of certain Malaysian
genera (Notes R. Bot. Gard. Edinb. 27, 1967, 175-184, 21
fig., 2 tab.).
19 spp. and 7 genera; $x=11$ in Anisoptera, Diptero-
carpus and Vatica; $x=7$ in Dryobalanops, Hopea, Balanocarpus
and Shorea. Two were tetraploids.
- Joseph, J. & S. Chowdhury: Oberonia sulcata Jos. et Chowd., a
new orchid from Kameng Frontier District, NEFA, Assam
(J. Bombay Nat. Hist. Soc. 63, 1966, 54-56, 1 pl.).
- & S. N. Yoganarasimhan: Taeniophyllum khasianum, a new
species of orchid from United Khasi and Jaintia Hills,
Assam (J. Ind. Bot. Soc. 46, 1967, 109-111, 4 fig.).
- Kalkman, C. & W. Vink: Botanical exploration of the Doma Peaks
and adjacent mountains in the Southern Highlands Dis-
trict, Territory of Papua, Australian New Guinea (Rep.
for the year 1966, Neth. Found. Advanc. Trop. Res. WOTRO,
pp. 50-52, 2 phot.).
A general report.
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forests of Thailand (Amer. Orchid Soc. Bull. 33, 1964,
132-138, 6 fig.).
Descr. field trips.
- Kanis, A.: The typification of Walkera Schreb. (1789) and
Gomphia Schreb. (1789) (Ochnac.) (Taxon 16, 1967, 418-
423).
Gomphia is kept for the Old World 'Ouratea'; both are
typified; one new comb.
- Kapil, R. N. & M. R. Vijayaraghavan: Embryology of Pentaphragma
horsfieldii (Miq.) Airy Shaw with a discussion on the
systematic position of the genus (Campan.) (Phytomor-
phology 15, 1965, 93-102, 5 fig., 1 tab.).
Genus belongs to the Campanulaceae.
- Kawano, S.: Two new species of Smilacina from Southeastern
Asia (Yunnan) (Liliac.) (J. Jap. Bot. 41, 1966, 353-355).
- Keiding, H.: Aim and prospects of teak breeding in Thailand
(Nat. Hist. Bull. Siam Soc. 21, 1966, 45-62, 8 fig.).
- Keng, Pai-chieh: Revision of the genus Isachne R. Br. (Gram.)
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- Keng, Y.-I. & P.-C. Keng: A new combination of the Chinese spe-
cies in the genus Duthiea Hackel (Gram.) (Acta Phyto-
tax. Sin. 10, 1965, 182).

- Kern, J.H.: A new combination in Fimbristylis (Cyper.) (Blumea 15, 1967, 126).
Based on *Carex ovata* Burm.f., oldest name for *Fimbristylis monostachya* (L.) Hassk.
- : Florae Malesianae precursores XLVI. Notes on some S.E.Asian Cyperaceae. X (Blumea 15, 1967, 427-439, 2 fig.).
Carex commixta Steud.; new key to *Fimbristylis* sect. *Fuscae* (18 spp.).
- Khosho, T.N. & R.Singh: Biosystematics of Indian plants. IV. Portulaca oleracea and P.quadrifida in Punjab (Portul.) (Bull.Bot.Surv.India 8, 1966, 278-286, 14 fig., 3 tab.).
P.oleracea is hexaploid.
- King, M.D.: Some problems in photographing New Zealand forests Part 1 (Tuatara 15, 1967, 60-74, 3 fig.).
Technical and artistic aspects.
- Kira, T., c.s.: Comparative ecological studies on three main types of forest vegetation in Thailand. IV. Dry matter production, with special reference to the Khao Chong rain forest (Nature and Life in SE.Asia 5, 1967, 149-174).
The forest lies in the Peninsula at 7°35' N, attains 35-40 m in height, with 98 spp. of trees and woody climbers on 0.32 ha.
- *----- & T.Umesao (ed.): Nature and Life in Southeast Asia vol.3 (Tokyo, 1964) vii + 466 pp.
Largely zoological, but one chapter on Musci of Thailand by Y.Horikawa & M.Ando.
- Kitagawa, M.: Notulae fractae ob floram Asiae orientalis (J. Jap.Bot. 42, 1967, 211-218, fig.1-2).
A new *Angelica* from Japan; notes on *Stachys* spp.
- Klotz, G.: Beiträge zur Flora und Vegetation Indiens. 1 (Wiss. Z.Univ.Halle 15, 1966, 97-148, 8 Abb., 54 Verbreitungskarten).
In the SW. ranges of the Sikkim 5 altitudinal vegetation types are distinguished: 1. *Terminalia-Shorea-Duabanga*, 2. *Castanopsis-Schima-Engelhardia-Talauma-Saurauia*, 3. *Fagaceae-Rhododendron-Acer-Magnolia* (mossy forest), 4. *Abies-Rhododendron*, 5. *Rhododendron* shrub (with *Juniper*). Also 54 maps of plant species.
- Knapp, G. & R.Knapp: Ceylon. Vegetation, Klima, und Landschaftsbild in Vergangenheit und Gegenwart (Ber.Oberhess.Ges.Natur- u.Heilkunde zu Giessen. 34, 1966, 127-162, 23 phot.).
General.

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General.
- Kochummen, K.M.: Natural plant succession after farming in Sg. Kroh (Mal. For. 29, 1966, 170-181, 4 fig., 9 tab.).
Macaranga gigantea gained dominance.
- Koster, J.Th.: The Compositae of New Guinea. I (Nova Guinea, Bot. 24, 1966, 497-614, 17 fig.).
This treats the tribes Vernoniaeae, Eupatorieae and Astereae, comprising 19 genera with 78 spp. and addit. infrasp. taxa, the largest native genera being Olearia with 19 spp., Tetramolopium 21 spp., Keysseria 9 spp. One new genus is described Piora, allied to Keysseria. There are 27 new spp. almost all from new collections from the high mountains. It is to be hoped that the other tribes (6 are left untouched here) will be treated in future.
- Kostermans, A.J.G.H.: A monograph of the genera Maranthes Bl. and Cyclandrophora Hassk. (Chrysobalanaceae) of the Asiatic and Pacific area (Candollea 20, 1965, 103-142, 16 fig.).
These two genera are split off Parinari; Cyclandrophora has 11 spp. (one new). Maranthes is only represented by M. corymbosa Bl. Descr. and key to spp.
- : A monograph of Aglaia, sect. Lansium Kosterm. (Meliac.) (Reinwardtia 7, 1966, 221-282, 14 fig.).
Lansium and Reinwardtiadendron are merged with Aglaia under Aglaia sect. Lansium; key to 15 spp.
- : Notes on some Asian Mimosaceous genera (Legum.) (Adansonia 6, 1966, 351-373, 6 fig.).
Notes and new comb. on Pithecellobium complex of genera; several n.spp. in Abarema, Archidendron, and the first record of Affoncea from New Guinea; in my judgment the grounds for this are feeble and this is certainly a new species of Archidendron.--v.St.
- Koyama, H.: Taxonomic studies on the tribe Senecioneae of Eastern Asia. I. General part (Compos.) (Mem. Coll. Sci. Kyoto Univ. 33 B, 1967, 182-209, illustr.).
- Koyama, T.: The systematic significance of leaf structure in the tribe Sclerieae (Cyper.) (Mem. N.Y. Bot. Gard. 16, 1967, 46-70, 35 fig., 2 tab.).
Several Malesian spp. are included.

- : Iconographia Cyperacearum I (Phytologia 15, 1967, 201-221, pl.1-10, 1 fig.).
Descr., fig. and maps of 10 E.Asian Carex spp.
- : Fimbristylis subinclinata, eine neue Segge-Art aus Formosa (Cyper.) (Bot.Mag.Tokyo 80, 1967, 353-356, 1 fig.).
- Křisa, B.: Two new species of Pyrola from the Himalayan Region of Asia (Eric.) (Botan.Notis. 120, 1967, 423-432, 3 fig.).
- Kuang, Ko-zen: Archiphysalis Kuang genus novum Solanacearum Asiae orientalis (Solan.) (Acta Phytotax.Sin. 11, 1966, 59-66).
- & An-ming Lu: Revisio Physaliastrorum Makino (Solan.) (Acta Phytotax.Sin. 10, 1965, 347-356).
- Kubitzki, K. & W.Vink: Flavonoid-Muster der Polycarpiceae als systematisches Merkmal (Bot.Jahrb. 87, 1967, 1-16, 3 Abb., 5 Tab.).
Remarkable parallelism between taxa and chemistry in Drimys from New Guinea.
- Kukkonen, I.: Spikelet morphology and anatomy of Uncinia Pers. (Cyper.) (Kew Bull. 21, 1967, 93-97, 1 fig., pl.6).
From Antarctic S.America; new name for its subgenus.
- Kumar, V.: Cytogeographic studies on Disporum leschenaultianum Don (Liliac.) (Curr.Sci. 34, 1965, 255-256, fig.1).
3 spp. of India.
- Lange, R.T.: Vegetation in the Musgrave Ranges, South Australia (Trans.R.Soc.S.Austr. 90, 1966, 57-64, 2 fig., 1 tab., 2 pl.).
Traverse through ungrazed vegetation in 1963 after rains and in 1965 during drought. Catastrophic destruction of mulga woodland is found to be periodic happening under natural conditions.
- Larsen, K.: Chromosome cytology and relationship of the Lowiaceae (Nat.Hist.Bull.Siam Soc. 21, 1966, 21-24, 1 fig.).
2n=18. Lowiaceae are assumed to be the most primitive of Scitamineae.
- & E.Warncke: Report on the Flora of Thailand project. 1. Expedition (Nat.Hist.Bull.Siam Soc. 21, 1966, 251-262, 10 fig.).
Itinerary.
- Laubenfels, D.J.de: The relationships of Fitzroya cupressoides (Molina) Johnson and Diselma archeri J.D.Hooker based on morphological considerations (Conif.) (Phytomorphology 15, 1965, 414-419).
Affinity of these 2 southern Conifers with Cupressaceae and Taxodiaceae.

- : Podocarpus vitiensis in the Moluccas (Taxac.) (Blumea 15, 1967, 440).
Showing that *P. filicifolius* Gray from Morotai was a mixtum; the leaves belong to *P. vitiensis*.
- Lauener, L.A.: Catalogue of the names published by Hector Léveillé: V (Notes R. Bot. Gard. Edinb. 27, 1967, 265-292).
A very important evaluation of many families.
- Launert, E.: A taxonomic revision of the genus Microchloa R. Brown (Gram.) (Senckenbergiana Biol. 47, 1966, 291-301, 13 fig.).
Key to spp.; also from Malesia.
- Lee, Hsueh-yung: Studies in Swietenia (Meliac.): Observations on the sexuality of the flowers (J. Arn. Arb. 48, 1967, 101-104, 1 fig.).
Based on Taiwan material.
- Lee, Peng-choong: The use of aerial photographic interpretation in forest ecology and forest inventory in Malaya (Mal. For. 29, 1966, 276-281).
- Leenhouts, P.W.: A new kind of botanical identification key (Mal. For. 30, 1967, 104-108).
Application of the synoptical key to *Dacryodes*.
- : A conspectus of the genus Allophylus (Sapind.). The problem of the complex species (Blumea 15, 1967, 301-358).
The 255 spp. of this genus can by no means be separated and represent races of one polymorphous pantropic taxon. Theoretical considerations on the situation.
- : Phoenicimon Ridl. (Sapind.) is Glycosmis correa (Rutac.) (Blumea 15, 1967, 452).
- Legro, R.A.H.: Raadsels rond Cryptocoryne lingua (Arac.) (Het Aquarium 38, 1967, 7-9, 4 phot.).
Aff. *C. versteegii*; chromosomes of *C. versteegii*.
- Letouzey, R.: Présence d'un genre d'Orobanchacées d'Asie tropicale (Aeginetia Linn.) dans la Flora d'Afrique continentale (Cameroun) (Adansonia 7, 1967, 27-32, 1 pl., 1 phot.).
Aeginetia n.sp. found in Cameroun allied to *Ae. pedunculata* (Roxb.) Wall.
- Lewis, W.H.: The Asian genus Neanotis, nomen novum (Anotis) and allied taxa in the Americas (Rubiaceae) (Ann. Mo. Bot. Gard. 53, 1966, 32-46, 6 fig.).
The Asian spp. form a separate genus from *Anotis*; some 2 dozen new comb. but obviously also partly a revision. Names listed; also a list under *Anotis*.

- : Chromosome numbers of Oldenlandia corymbosa from SE. Asia (Rubiaceae). (Ann.Mo.Bot.Gard. 53, 1966, 257-258).
- Li, Hsi-wen: Revisio generis Paraphlomis Labiatarum sinensium (Labiatae). (Acta Phytotax.Sin. 10, 1965, 57-74).
- Li, Pei-yuan: Additional notes on the Berberis species of Provinces Shensi, Kansu and North-eastern Chinghai. (Acta Phytotax.Sin. 10, 1965, 210-214).
- : Some new plants of Liliaceae from Tsinling. (Acta Phytotax.Sin. 11, 1966, 251-253).
- Ling, L.K.: A revision of genus Eurya in China (Theaceae). (Acta Phytotax.Sin. 11, 1966, 263 seq.).
- Ling Yong: Genera nova vel minus cognita familiae Compositarum. I. Vladimiria Ilj., Diplazoptilon Ling et Dolomiaeae DC. (Acta Phytotax.Sin. 10, 1965, 75-90).
- : Notulae de nonnullis generibus tribus Inulearum familiae Compositarum florum sinicae. (Acta Phytotax.Sin. 10, 1965, 167-181).
- : Genera nova vel minus cognita familiae Compositarum. III. Syncalathium Lipsch. (Acta Phytotax.Sin. 10, 1965, 283-290).
- & Yi-ling Chen: Genera nova vel minus cognita familiae Compositarum. II. Cavea W.W.Smith et Small et Nannoglottis Maxim. (Acta Phytotax.Sin. 10, 1965, 91-102).
- Liu, Tang-shui & Jew-ming Chao: Revision of the Taiwan species of Lasianthus (Rubiaceae). (Exper.Forest Nat.Taiwan Univ., Techn.Bull. no 39, April 1965, 1-33, 16 fig.).
- Luong, Ngok-toan: The boundary between the genera Castanopsis and Lithocarpus and some data on their taxonomy (Fagaceae). (Bot.J. U.S.S.R. 50, 1965, 997-1001, 2 fig.).
In Russian.
- *McClure, F.A.: The bamboos / A fresh perspective. Harvard Univ. Press, Cambridge U.S.A. (1966) xv + 347 pp., 99 fig.
See Review in this Bulletin.
- McClure, H.Elliott: Flowering, fruiting and animals in the canopy of a tropical rain forest (Mal.For. 29, 1966, 182-203, 31 fig., 1 tab.).
Records from a platform in a 140 feet Anisoptera laevis.
Interesting data on flowering and fruiting of trees.
- McIntyre, D.J. & G.J.Wilson: Preliminary palynology of some Antarctic tertiary erratics (New Zeal.J.Bot. 4, 1966, 315-321, 2 tab.).
Black I., McMurdo Sound, + Eocene. Nothofagus dominant.

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List of 700 spp. from the Marawi City area, Lanao del Sur, Philippines, with their native names; plants identified by Dr. D. Mendoza.
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ceae (Proc. Nat. Ac. Sc. India sect. B, 35, 1965, 87-98).
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Also a key to spp.; comparison with Dacrydium spp.
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Keyed out and described.
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- Philcox, D.: Two new species of Limnophila R.Br. (Scroph.) (Kew Bull. 21, 1967, 157-160, 2 fig.).
One from India (Madras).
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Enigmatic taxon. status; comp. with Cornac., Escall. and Aral. In anat. and morph. in some respects it does not fit within boundaries of these fam. No definite decision taken.
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- & G.Panigrahi: 'Aliens' naturalised in the Flora of Allahabad (Proc. Nat. Ac. Sc. India sect. B, 35, 1965, 411-422).
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Spp. listed.
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- : The vegetation and flora of Polavaram agency tracts, India (Trop. Ecol. 7, 1966, 115-124).
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With key to related genera.
- Rangaswamy, N.S. & B. Chakrabarty: The Leguminosae of Delhi - some studies on their morphology and taxonomy (Bull. Bot. Surv. India 8, 1966, 25-41, 9 fig., 4 tab.).
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- Rao, A.V.N.: A preliminary observation on the Orchidaceae of South India (Bull. Bot. Surv. India 8, 1966, 221-227).
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On Cyanotis and Commelina; critical notes and 1 n.sp. Largely Indian spp.
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- & K.R. Aggarwal: Ecological studies of Saurashtra coast and neighbouring islands. II. Beyt Island (Bull. Bot. Surv. India 8, 1966, 16-24, 1 fig., 3 tab.).
Vegetation types; list of spp.
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Habitats; list of spp.

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- Rau, M.A. & U.C. Bhattacharyya: New records of three rare orchids for Western Himalaya (Bull. Bot. Surv. India 8, 1966, 93-94, 7 fig.).
- Raven, P.H.: The genus *Epilobium* in Malesia (Onagr.) (Blumea 15, 1967, 269-282, 7 fig.).
8 spp.; key.
- & D.W. Kyhos: New evidence concerning the original basic chromosome number of Angiosperms (Evolution 19, 1965, 244-248, 2 fig.).
Interesting survey; original countings are included of Mal. material of *Degeneria*, *Hernandia*, *Galbulimima* and *Eupomatia* from New Guinea and *Pseudowintera* from New Zealand.
- Raymond, M.: Cyperaceae. Studies in the Flora of Thailand 39 (Dansk Bot. Ark. 23, 1966, 313-374, 12 fig.).
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4 names of *Tigilium*, based on Cuming numbers, publ. by Klotzsch in Hayne, *Getreue Darstellung Arzn. Gewächse*, etc. 14 (1843), reduced to 4 known spp.
- : Pteridological publications of G.H.Mettenius (J.Soc. Bibl.Nat.Hist. 4, 1967, 287-290).
- : Meisner's Plantarum Vascularium Genera (J.Soc. Bibl. Nat.Hist. 4, 1967, 291-297).
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VARIA

We seem to have forgotten, in our complacency, that the God-given natural beauty we have today is all we ever will have. What we destroy today is lost forever. What we save today is all that ever will be saved.

The nurserymen and landscape architect cannot replace it. At most, they are only the Elizabeth Ardens of the earth. The nurseryman provides the cosmetics that youthful excess demands to cover up our damaged face, but even Elizabeth Arden knows the limitations of lipstick and falsies.

The developer who bulldozes out a hillside and then expects the landscape architect to cover up his crime with selected trees is selling his community short. He reveals his contempt for natural beauty and ignorance of natural beauty. We must beware of joining into an unholy compromise with short-sighted developers whose first desire is profit, community second. In serving the developer, the landscape architect must not be fooled into thinking he can replace God!

R. Wenkam, in Hawaiian Botanical
Society Newsletter 6 (1967) 3-4.