

XV. BIBLIOGRAPHY
(contd from p.790)

Agnihothrudu, V.: A new genus of the helicosporous Basidiomycetes (from North-East India) (Fungi) (Trans.Brit.Myc. Soc. 44, 1961, 51-54, 1 fig.).

Ahmad, S.: Further contributions to the Fungi of West Pakistan 1 (Biologia 6, 1960, 117-136, 17 fig.).

Ahrendt, L.W.A.: Berberis and Mahonia. A taxonomic revision (Berber.) (J.Linn.Soc.Bot. 57, 1961, 1-410, 67 fig., 51 maps).

Monogr.; keys, descr. Being rather intimately acquainted with SE.Asian and Malaysian Mahonia I am afraid this work is rather more analytic than synthetic.

Alexander, E.J.: Vanda lamellata (Orchid.) (Addisonia 24, 1960, 5, t.771).

Anderson, J.A.R.: Observations on the ecology of the peat swamp forests of Sarawak and Brunei (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 141-148, 163).

Ashton, P.S.: Notes on the primary vegetation and soils of Brunei (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 149-154, 2 tables, map).

Bader, F.J.W.: Die Coniferen der Tropen (Decheniana 113, 1960, 71-96, 1 map).

A complete enumeration with detailed data on their areas; on the map the distributional areas of all species of Podocarpus, a mainly tropical genus, have been delineated.

---- : Die südhemisphärischen Coniferen als genetisches, geographisches und ökologisches Florenelement (Erdkunde; Arch.f.Wiss.Geogr. 24, 1960, 303-308, 1 map).
Areas of the S.hemisphere conifers have suffered a shrinkage since the Tertiary; they represent a Pacific-Antarctic element not able to produce species resistant against cold winters. Their areas may be traced back to a circum-Antarctic-pantropic-montane area, which is at present only fully occupied by Podocarpus.

---- : Das Areal der Gattung Gunnera (Halorag.) (Bot.Jahrb. 80, 1961, 281-293, map).

Baejni, Ch. & G.Bocquet: Regroupement de quelques genres de Silénoidées appartenant à la flore suisse (Caryoph.) (Act.Soc.Helv.Sc.Nat. 139e sess., 1959, 156-158).
It is suggested to merge Viscaria with Lychnis, and Melandrium and Heliospora with Silene.

- Baker, H.G.: The contribution of autecological and genecological studies to our knowledge of the past migrations of plants (Amer. Naturalist 93, 1959, 255-272, 3 maps). Studies of the reproductive biology of heterostylous species may give insight to their past migrations.
- Balan Menon, P.K.: Anomalous structure of Gonostylus (Thymel.) (J. Inst. Wood Sc. no 6, 1960, 47-54, 8 fig.). In *G. maingayi*, *forbesii* and *velutinus* the maturing wood shows strands of unlignified fibres similar as found in *Aquilaria*. Probably this has something to do with the origin of scented wood.
- Balle, S., J.E. Dandy, J.S.L. Gilmour, R.E. Holttum, W.T. Stearn & D.Thoday: Loranthus (Taxon 9, 1960, 208-210). A useful nomenclatural proposal to conserve *Loranthus* for the European species, through a changed typification, thereby stabilizing the generic names of the American genus *Psittacanthus* and the Asiatic genus *Scurrula*.
- Barroso, G.M.: Mikaniae do Brasil (Compos.) (Arg. Jard. Bot. Rio de Jan. 16, 1958, 239-333, map, 31 + 57 tab., index 2 pp.). Revision; 154 spp. distinguished; key; descr.
- Bartram, E.B.: Mosses of Guam, Mariana Islands (The Bryologist 63, 1960, 101-105).
- : Additions to the moss flora of Netherlands New Guinea (Svensk Bot. Tidskr. 54, 1960, 483-487). Coll. Bergman; one new sp.
- : Musci (Nat. Hist. Rennell Isl. 3, 1960, 99-100). List.
- Bell, P.R.: Elaphoglossum decurrens (Desv.) Moore in Southeast Asia (Polypod.) (Kew Bull. 14, 1960, 79-84). The plant referred to under this name is an undescribed n.sp.
- Bharadwaj, D.C.: Studies in Indian Anthocerotaceae III. The morphology of Anthoceros erectus Kash. and some other species (Hepat.) (J. Ind. Bot. Soc. 39, 1960, 568-592, 2 pl.).
- Blagoveschensky, A.V.: Biochemical evolution of Angiosperms (Bot. J. 45, 1960, 480-491; in Russian). Autogenese from low molecular to high molecular constitution.
- Blake, S.T.: A new Flora of Australia (Austr. J. Sc. 23, 1960, 173-176). General discussion by the chairman of the ANZAAS Committee on the desirability and scope.

- Boedijn, K.B.: The Uredinales of Indonesia (Fungi) (Nova Hedwigia 1, 1959, 463-496, t. 105-106).
154 spp. enumerated; one n.g., some n.sp. and comb.
- : On a new genus of the Endomycetaceae (Fungi) (Myco-path. 12, 1960, 163-167, 2 fig.).
A new genus on *Flacourtie inermis*.
- : The Strobilomycetaceae of Indonesia (Fungi) (Persoonia 1, 1960, 315-318, fig. 1-3).
6 records among which 1 n.sp.
- : A new Sclerographium from Indonesia (Fungi) (Persoonia 1, 1960, 319-320, 1 fig.).
New sp.
- Borssum Waalkes, J.van: The typification of the genus Malvastrum (Malv.) (Taxon 9, 1960, 212-213).
T.: *M.coromandelianum* (L.) Garccke.
- : Botanical observations on the Krakatau Islands in 1951 and 1952 (Ann.Bog. 4, 1960, 5-64, 15 photogr., map, 7 tables).
- Boulos, L.: The genus Sonchus, a general systematic treatment (Compos.) (Svensk Bot.Tidskr. 113, 1960, 400-420).
Key to spp. of subg. *Sonchus*; enumerations of spp. of the two other subgenera. The paper pretends to cover all names of *Sonchus*; in this it is a poor show as all species described from Malaysia are omitted, save *S.javanicus* Spr. which is for reasons unknown said to belong to an other genus. All these names can be found in Ind.Kew. *Sonchus* spp. occur in Java both native and introduced.
- Bremekamp, C.E.B.: New Ixora species from Bengal, Burma, and the Nicobar Islands (Rub.) (Ind.For. 85, 1959, 371-375).
- Breteler, F.J.: Prosopis insularum (Guillemin) Bret., a new combination in Prosopis L. (Legum.) (Acta Bot.Neerl. 9, 1960, 397-403, 2 fig., 2 maps).
Piptadenia novoguineensis and *Leucaena insularum* are considered as subspecies of one widely ranging species which should be classified as a *Prosopis*.
- : Revision of Abrus Adans. (Legum.) (Blumea 10, 1960, 607-624).
With special reference to Africa.
- Brunig, E.F.W.O.: The Merurong Plateau (Sarawak) (Borneo Territories Forest Bull. 1, 1959, 1-9).

- Bullock, A.A.: The types of some generic names (Kew Bull. 14, 1960, 40-45).
Incl. inter alia Casuarina, Chailletia, Ctenolophon, Dipterocarpus, Haemodorum, Irvingia, Lowia, Monimia, Myoporum, Pittosporum, Xanthorrhoea.
- Bunting, G.S.: The genus Schismatoglottis (§ Philonotion) in America (Arac.) (Ann. Mo. Bot. Gard. 47, 1960, 69-71, 2 spp.).
---- : A revision of Spathiphyllum (Arac.) (Mem. N.Y. Bot. Gard. 10, 1960, 1-54, 6 fig.).
Monogr. key; 36 spp. recognized.
- Burbidge, N.T.: The phytogeography of the Australian region (Austr.J.Bot. 8, 1960, 75-211, 12 fig., 16 tables).
- : The Australian species of Nicotiana L. (Solan.) (Austr.J.Bot. 8, 1960, 342-380, 5 maps, fig.6-12, t.1-20).
Revision and key to Australian spp.
- : Further notes on Triodia R.Br. (Gram.) with description of five new species and one variety (Austr.J.Bot. 8, 1960, 381-394, 3 fig.).
Various critical notes.
- Burkill, I.H.: The organography and the evolution of Dioscoreaceae, the family of yams (J. Linn. Soc. 56, 1960, 319-412, 59 fig.).
An extremely interesting discussion bristling with ingenious suggestions and thought, morphological, phylogenetical, and taxonomic, a magnificent achievement of our beloved friend and nestor.
- Burtt, B.L.: Studies in the Gesneriaceae of the Old World XVIII-XX (Not.R.Bot.Gard.Edinb. 23 (2), 1960, 89-102).
On Phylloboea, Isometrum (revision with key), Siphoboea, a new comb. in Staurogyne (based on a Papuan sp.) notes on Chirita, Didymocarpus, Roettlera, Streptocarpus.
- Ciferri, R.: The concept of species from superior to inferior plants (Mycopath. & Mycol. Appl. 13, 1960, 81-92).
Criteria of specific delimitation may consist of three groups of characters: morphological, biological, biochemical.
- Cookson, J.C. & Svein Manum: On Crassosphaera, a new genus of microfossils from Mesozoic and Tertiary deposits (Nytt Mag. Bot. 8, 1960, 5-8, t.1-2).
Also from Papua.

- Corner, E.J.H.: Taxonomic notes in Ficus Linn., Asia and Australasia I-IV (Morac.) (Gard.Bull.Sing. 17, 1960, 368-485). Precursor to the treatment in Flora Malesiana; description of new taxa and reduction of others in subg. *Urostigma*, subg. *Pharmacosycea*, in subg. *Ficus* sections *Ficus* and *Sycydium*. Several new comb.
- : Taxonomic notes on Ficus Linn., Asia and Australasia V. Subgenus Ficus sect. *Rhizocladus*, *Kalosyce*, *Sinosycidium*, *Adenosperma*, and *Neomorphe*. VI. Subgenus Ficus sect. *Sycocarpus* Miq. (Morac.) (Gard.Bull.Sing. 18, 1960, 1-69). The second instalment of this great revision; many reductions, many new species and varieties.
- : The Malayan Flora (repr. 4 pp.).
- Cribb, J.W.: The Gasteromycetes of Queensland V. Octaviania and Hydnangium (Fungi) (Univ.Queensl.Pap. 3, 1958, 247-254, plate). Octaviania beccarii found in Queensland.
- Deshpande, B.D.: Velamen in terrestrial Monocots II. Ontogeny and morphology of velamen in the Amaryllidaceae with a discussion on the exodermis in Amaryllidaceae and the Liliaceae (J.Ind.Bot.Soc. 39, 1960, 593-600, 2 pl.).
- Desikachary, T.V.: Cyanophyta (of India and neighbouring countries) (Ind.Counc.Agric.Res. New Delhi, 1959, 686 pp., 139 pl.). Large keys; descr.; monogr.
- DeVol, Ch.E.: A key to the genera of the Pteridophytes found on Taiwan and adjacent areas (Quart.J.Taiwan Mus. 12, 1959, 55-65).
- Dilmy, A.: A new species of Anisoptera II (Dipt.) (Reinwardtia 5, 1960, 267). Additional note on *Anisoptera kostermansiana*.
- : Progress of the study of the vegetation of the humid tropics in Indonesia (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 5-11). Progress since the Kandy Symposium.
- Dress, W.J.: Chlorophytum in cultivation (Liliac.) (Baileya 9, 1961, 29-50, fig.14-21). Key.
- Edward, J.C.: A new genus of the Moniliaceae (Fungi) (Mycologia 51, 1959, 781-786, 2 fig.).

- Everist, S.L.: Strangers within the gates. Plants naturalized in Queensland (Queensl.Natur. 16, 1959, 49-60, 1 fig., 1 table).
- Exell, A.W.: Systematics Association Committee for descriptive terminology (Taxon 9, 1960, 245-257).
Valuable bibliography of works on phytography and terminology.
- Fedorov, A.A.: The Dipterocarp Equatorial rain forest of Ceylon (in Russian) (Trans.Mosc.Soc.Nat. 3, 1960, 305-332, 9 fig.--English summary on pp.330-331).
- Fikenscher, L.H.: Het voorkomen van nicotine in het genus Acacia (Legum.) (Pharm.Weekbl. 95, 1960, 233-235).
Occurrence of nicotin in Acacia.
- Foged, N.: Diatoms from Rennell Island, Brit.Solom.Is. (Nat. Hist.Rennell Isl. 3, 1960, 7-97, 10 pl.).
- Forman, L.L.: The Menispermaceae of Malaysia III. Cyclea Arn. ex Wight (Kew Bull. 14, 1960, 68-78).
Revision; key; 9 spp. recognized, among which 2 are new.
- : Notes on Galeria Zoll.& Mor. (Euph.) (Kew Bull. 14, 1960, 311-317).
G.maingayi, G.celebica; G.caudata new name for Bennettia pedicellata.
- Fosberg, F.R.: Serianthes Benth. (Leg.-Mim.) (Reinwardtia 5, 1960, 293-317).
Rev.; key; descr.; 11 spp. distinguished of which 5 new; also new var.
- : Introgression on Artocarpus in Micronesia (Morac.) (Brittonia 12, 1960, 101-113).
- : Vascular plants of Rennell Island (Nat.Hist.Rennell Isl. 3, 1960, 100-102).
List; a fraction of what must be the flora.
- : On the possibility of a rational general classification of humid tropical vegetation (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 34-59).
A detailed physiognomic scheme for describing vegetation, irrelative of climax or sere.
- Frey, D.: Isolation of a new species of Aleurisma from soil in Australia and New Guinea (Fungi) (Mycologia 51, 1959, 641-646, 4 fig.).
- Furtado, C.X.: The philological origin of Areca and Catechu (Palm.) (Principes 4, 1960, 26-31).

----- : Superfluous names and later homonyms (Taxon 9, 1960, 147-150).

Plea for dropping the rule about superfluous names.

Garay, L.A.: Notatio orchidologica (Arq.Jard.Bot.Rio de Janeiro 13, 1953-54, 31-54, t.1-3).

Contains inter alia: *Gastrodia schinziana* from New Zealand is a *Stereosandra*. *Leucolaena* Ridl. non R.Br. is named *Didymoplexiella* Garay.

----- : On the origin of the Orchidaceae (Bot.Mus.Leafl.Harv. Un. 19, 1960, 57-96, pl.8-19).

An interesting, very well considered and balanced account of the present knowledge about the major characters and divisions of the orchids; the conclusion is that *Apostasiaceae* cannot be separated from *Orchid.* and constitutes one of 5 subfamilies; *Orch.* are assumed to be an old family derived (probably polyphyletically) from ancestors related to the *Liliaceae*, *Amaryllidaeae*, and *Burmanniaceae*.

Gay, P.A.: Ecological studies of Eichhornia crassipes Solms in the Sudan (Ponted.) (J.Ecol. 48, 1960, 183-191).

Description of the situation in the Upper Nile, specifically in the sudd region of the Sudan.

Ghandi, H.P.: On the diatom flora of some ponds around Vasna village near Akmedabad (J.Ind.Bot.Soc. 39, 1960, 558-567, 1 fig.).

Ghosh, R.B.: Preliminary observations on the Flora of dilapidated walls and buildings of Calcutta and its suburbs (J.Ind.Bot.Soc. 39, 1960, 548-557).

Remarkably ant-dispersal is not mentioned.

Gillet, J.B.: Indigofera hirsuta L. and I.astragalina DC. (Legum.) (Kew Bull. 14, 1960, 290-295, map).

They are distinct species.

Gilliland, H.B.: A coniferous forest in Borneo (Mal.For. 23, 1960, 217-220).

Analysis of an *Agathis* stand on sandy raised beach of kerangas soil at Badas, Brunei, in a line transect covering 600 sq.m, with lists of species according to diameter classes.

----- : Progress with vegetation studies: Brunei, North Borneo, Sarawak, and Singapore (Proc.Symp.Humid Trop.Veg. Tjiawi 1958, 1961, 12-14).

Good, R.: On the geographical relationships of the Angiosperm flora of New Guinea (Bull.Brit.Mus.Nat.Hist.(Bot.) 2⁸, 1960, 205-226).

Grant, W.F.: Speciation and basic chromosome number in the genus Celosia (Amaran.) (Canad.J.Bot. 39, 1961, 45-50, 4 fig.).

Description and karyogenetic study on natural allopolyploid hybrid *C.whiteii* W.F.Grant sp.nov. from Malaya.

Green, P.S.: Further notes on Malaysian Osmanthus (Oleac.) (Not.R.Bot.Gard.Edinb. 23, 1960, 175-178).

There is only 1 sp. in Malaysia, *O.scortechinii* K.& G. to which *Olea capitellata* Ridl., *Ilex nitens* Ridl., and *Osmanthus sumatranus* are reduced.

Gupta, R.K.: Ecological notes on the vegetation of Kodaikanal in South India (J.Ind.Bot.Soc. 39, 1960, 601-607). Grasslands of Nilgiris are biotic.

Hafsten, U.: A pollen-analytic investigation of two peat deposits from Tristan da Cunha (Res.Norw.5e Exp.Tristan da Cunha, 1937-1938, no 22, 42 pp. 1951).

Nothofagus pollen is found in modern peat deposits from S.America at 4500 km distances it must have been wind-dispersed.

Hamel, J.L.: Contribution à l'étude caryotaxonomique des Eucryphiacees (Bull.Mus.Nat.Hist.Nat. II, 31, 1959, 526-535).

Hamlin, B.G.: A revision of the genus Uncinia (Cyperaceae-Caricoideae) in New Zealand (Dom.Mus.Leaf. no 19, 1959, 106 pp., 11 pls, 34 distr.maps).

Hara, H.: New or noteworthy flowering plants from Eastern Himalaya (J.Jap.Bot. 36, 1961, 75-80).

Incl. *Monotropastrum humile* (D.Don) Hara, comb.nov. (Eric.).

Hartley, W. & Chr.Slater: Studies on the origin, evolution, and distribution of the Gramineae. III. Tribes of the subfam.Eragrostoideae (Austr.J.Bot. 8, 1960, 256-276, 4 fig.).

Hayman, D.L.: The distribution and cytology of the chromosome races of Themeda australis in Southern Australia (Gram.) (Austr.J.Bot. 8, 1960, 58-68, 2 pl.). Many polyploids occur.

Hegnauer, R.: Chemotaxonomische Betrachtungen. 9. Die systematische Bedeutung des Anthrachinon-Merkmales (Planta Medica 7, Heft 4, 1959, 344-366, Abb., 2 Tab.).

----- : Chemotaxonomische Betrachtungen. 11. Phytochemische Hinweise für die Stellung der Aristolochiaceae im System der Dicotyledonen (Die Pharmacie 15, 1960, 634-642).

Derivation from Polycarpicae is phytochemically most probably with affinities to Menispermaceae, as Wettstein had it; relation to Rosales is improbable.

Heine, H.: Notes on Solanum guineense L. (Solan.) (Kew Bull. 14, 1960, 245).

Synonymy of some African spp. It appears that the name of the well-known "potato-tree" is not *S.grandiflorum* R. & P. but should be *S.wrightii* Bth.

Holttum, R.E.: Vegetative characters distinguishing the various groups of ferns included in Dryopteris of Christensen's Index Filicum, and other ferns of similar habit and sori (Gard.Bull.Sing. 17, 1960, 361-367). Discussion and a new conspectus of the genera; bibliography.

---- : Two-problem species: Schizoloma cordatum Gaud. and Syngamma pinnata J.Sur. (Polypod.) (Am.Fern J. 50, 1960, 109-113). Both belong to Taenitis.

---- : The genera Sarcochilus R.Br. and Pteroceras Hassk. (Orchidaceae) with notes on other genera which have been included in Sarcochilus (Kew Bull. 14, 1960, 263-276). Important paper on generic discrimination in the Sarcochilus group; several new comb.

---- : The Ecology of tropical epiphytic orchids (Report 3rd World Orch.Conf. 1960, 196-203).

Hoogland, R.D.: The identity of Glochidion ? cinerascens Miq. and of Rhamnus incanus Roxb. (Rhamn.) (Kew Bull. 14, 1960, 33).

Alphitonia incana (Roxb.) T. & B. ex Kurz (based on *Rhamnus incana* Roxb. 1824) is the proper name for *A.moluccana*. *A.cinerascens* is based on a plant described by Miquel from Sumatra; it would represent the first record of the genus W of Borneo.

---- : Studies in the Cunoniaceae I. The genera Ceratopetalum, Gilbeea, Aistopetalum, and Calycornis (Austr.J. Bot. 8, 1960, 318-341, 7 fig.). Rev.; key; descr.

Horikawa, Y.: The range of East-Asian plants (2) (Hikobia 2, 1960, 69-74, 4 maps).

Localities of same mangrove plants in Japan and the Ryukyus: *Bruguiera apiculata*, *B.micronata*, *Nypa*, and *Acrostichum*.

- Hou, Ding: A new species of Carallia Roxb. (Rhiz.) (Nova Guinea (Bot.) no. 4, 1960, 21-23, 1 fig.).
New Papuan sp.
- Hu, Shiu-Ying: Statistics of Compositae in relation to the Flora of China (J.Arnb.Arb. 39, 1958, 347-419, 2 fig., 5 tables, 35 maps).
- Huber, H.: Die Abgrenzung der Gattung Aristolochia (Arist.) (Mitt.Bot.Staatsanst.München 3, 1960, 531-553, 18 fig.).
On the basis of examination a few species of the genus it is proposed to recognize at least 5 genera, Endotheca, Isotrema, Par aristolochia, and Siphidia. Provisionally I do not see the advantage of raising subgenera and sections to generic rank in this fairly homogenous genus.
- Hunt, P.F. & V.S. Summerhayes: Notes on Asiatic Orchids III (Taxon 10, 1961, 101-110).
For those who want to segregate Desmotrichum Bl. from Dendrobium it appears that Desmotrichum is no longer available as this generic name is conserved for an alga. A new name, Ephemerantha, is proposed with all new comb. necessary. New comb. are given of another segregate, viz Diplocaulobium.
- Iltis, H.H.: Studies in the Capparidaceae VII. Old World Cleomes adventive in the New World (Brittonia 12, 1960, 279-294, 1 fig.).
Key to 3 species.
- Iwatsuki, K.: Taxonomic studies of Pteridophyta V (Acta Phytotax.& Geobot. 18, 1960, 147-160).
On species of Thelypteris.
- Jacobs, M.: Three reductions in the Anacardiaceae (Acta Bot. Neerl. 10, 1961, 105-106).
Rhus novoguineensis = Pentaspadon motleyi; Pentaspadon teleianthera = Solenocarpus philippensis.
- : Flora Malesiana ten years young (Taxon 10, 1961, 13-16, 1 photogr.).
- Jarrett, F.M.: Studies in Artocarpus and allied genera V. A revision of Parartocarpus and Hullettia (Morac.) (J. Arn.Arb. 41, 1960, 320-340, fig.20-22).
Rev.; keys.
- Jeffrey, C. & K. Kashyapa: The identity and nomenclature of Thladiantha dubia (Cucurb.) (Kew Bull. 14, 1960, 461-463).
Range and variability of Thl.cordifolia (Bl.) Cogn.

Jones, K.: The lectotype species selections of Britton and Brown and the standard species of Hitchcock and Green (Taxon 9, 1960, 175-180).

A list of type species. Whether we have to adopt these, as stipulated in App.IV of the Code, remains disputable in my opinion, as these species were chosen at a time when the type method was not well developed. Choosing types is a very delicate affair in which the author should be fully aware of the nomenclatural and taxonomic consequences of his deed.

Jovet-Ast, S. & P. Tixier: Mousses récoltées au Vietnam (Rev. Bryol. Lichén. 29, 1960, 173-180).

Kachroo, P. & R.M. Schuster: The genus Pycnolejeunea and its affinities to Cheilolejeunea, Euosmolejeunea, Nipponolejeunea, Tuyamaella, Siphonolejeunea, and Strepsilejeunea (Hepat.) (J. Linn. Soc. Lond. Bot. 56, 1961, 475-511, 16 fig.).

Key to sections; key to sp. of subg. Pycnolejeunea; key to sections of Cheilolejeunea subg. Xenolejeunea.

Kanis, A.: Sertulum papuanum 4. The genus Schuurmansia Bl. (Ochnaceae) (Nova Guinea n.s. Bot. 6, 1961, 63-72, 1 fig., 1 map, 1 col. pl.).

Complete revision; 3 spp. recognized.

Kern, J.H.: Cyperaceae of Siam (excl. Carex) (Reinwardtia 6, 1961, 25-83).

174 spp. are enumerated, each with its synonymy and distribution; 11 other records could not be placed; a complete enumeration of Siamese collections is given.

Kitagawa, M.: Synoptical review of Umbelliferae from Japan, Korea and Manchuria (Bull. Nat. Sc. Mus. Tokyo 5, 1960, 1-35, 4 pl.).

Kochummen, K.M.: Manual of Malayan timber trees. Dilleniaceae (Research Pamphlet For. Res. Inst. no 32, 1960, 5 pp., 2 pl.).

Among the Malayan spp. there are 5 timber trees of which keys are given (following the monographic treatment of Hoogland), field descr. and distr.

----- : List of tree species at the Forest Research Institute Kepong (Mal. For. 23, 1960, 230-235, 3 photogr.).

A useful list of species grown in the Arboretum.

Kostermans, A.J.G.H.: Miscellaneous botanical notes I (Reinwardtia 5, 1960, 233-254, 6 fig.).

Papuodendron is reduced to Hibiscus; new Papuan Hibiscus; new spp. of Pentace and Heritiera; Parapentace

Gagn. is reduced to *Burretiodendron*, *Ortholobium* Gagn. to *Cylindrokelupha*; various critical notes on *Sterculias*.

- : A monograph of *Diplodiscus* Turcz. (Tiliac.) (Reinwardtia 5, 1960, 255-265, 3 fig.).
Key; descr.
- : Jarandersonia Kost. A new Bornean genus of Tiliaceae-Brownlowieae (Reinwardtia 5, 1960, 319-320, 1 fig.).
- : The genus *Pityranthe* Thw. (Tiliac.) (Reinwardtia 5, 1961, 371-373).
Monotypic Ceylon genus, now sunk into *Diplodiscus*.
- : Miscellaneous botanical notes II (Reinwardtia 5, 1961, 375-411, 14 fig.).
Various notes in *Durio*, Lauraceae, *Heritiera*, *Firmiana*, and a new *Garcinia*. Various new comb. and new spp.
- : The genus *Muricoccum* Chun & How (Euph.) (Reinwardtia 5, 1961, 413).
Reduced to *Cephalomappa* as a new species.
- : A monograph of the Asiatic and Pacific species of *Mammea* L. (Gutt.) (Comm.For.Res.Inst.Indon. 72, 1961, 1-63, 29 pl.).
Monogr.; key; descr.; 26 spp. recognized, among which 10 new; 2 new comb.; discussion relation *Mammea* and *Ochrocarpus*; the latter is provisionally kept apart.
- : A monograph of the genus *Brownlowia* Roxb. (Tiliac.) (Comm.For.Res.Inst.Bogor no 73, 1961, 1-62, 29 fig.).
25 spp. recognized, among which 7 are new; 7 spp. are reduced. *Glabraria* L. hitherto reduced to *Litsea* is accepted as a synonym of *Brownlowia* and proposed to reject.
- : Secondary growth on areas of former peat swamp forest (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 155-169).
- Koyama, T.: Materials towards a monograph of the genus *Smilax* (Liliac.) (Quart.J.Taiwan Mus. 13, 1960, 1-61, 4 pl.).
Key to sect.; enum. SE.& E.Asian spp.; of wider distributed spp. also extra-Asian sheets are mentioned; key to 44 spp.
- : On the identity of *Smilax blumei* A.DC. (Liliac.) (J. Jap.Bot. 35, 1960, 148-154).
Descr. and key to Mal. 3 spp.; one new.
- : Some transfers of names related to Cyperaceae (Bot. Mag.Tokyo 73, 1960, 438).

Lipocarpha is sunk in Cyperus and 11 transfers are made. The conviction that Lipocarpha was "hitherto placed near Hypolytrum" is only based on Pax, but not shared by most other cyperologists and by no recent author.

----- & B.C. Stone: The genus Scirpus in the Hawaiian Islands (Cyper.) (Bot. Mag. Tokyo 73, 1960, 288-293). Key.

Kusnito Setyodiwiryo: Flora Malesiana and the ecological studies of tropical vegetation (Proc. Symp. Humid Trop. Veg. Tjiawi 1958, 1961, 1-4).

Lam, H.J.: Het botanisch onderzoek van Nieuw Guinea in verleden, heden en toekomst (Schakels NNG 38, 1960, 9-27, 5 fig., 1 col.map).

----- : Rijksherbarium Leiden. Verslag van de Hoogleraar-Directeur over het tijdvak 1 sept. 1959 - 31 aug. 1960. Gestencild, 53 pp.

----- & P.W. Leenhouts: Ten years Foundation Flora Malesiana. Twenty five years of work (Blumea 10, 1960, i-xxvi, portr.).

Concise survey of the work of Flora Malesiana; bibliography (arranged taxonomically).

Lamprecht, H.: Der Artbegriff (Agri Hortique Genetica 17, 1959, 105-264).

A viewpoint of a geneticist; of systematists only Ray and Linnaeus are mentioned in the bibliography. Results of crossing experiments are mentioned in Phaseolus vulgaris x coccineus and Chrysanthemum coronarium x carinatum, with discussion. Although many conclusions will be agreed on with modern systematists, the author should have been wise in studying the works of Danser and Turrill and have more sharply the essentially different concepts of hybridisation and miscibility. The author criticises some specified taxonomical distinctions. Geneticists should not forget that even the best taxonomists can make errors, mostly caused by lack of adequate data in herbarium material or insufficient material. These errors are by no means proving the fallacy of taxonomical technique or theoretical background. I do not believe the necessity of adding the concepts Pseudo-Arten and Superspezies to our taxonomical categories. I find no new viewpoints.

Langhe, E. de & M. Devreux: Une sous-espèce nouvelle de Musa acuminata Colla (Musac.) (Bull. Jard. Bot. Brux. 30, 1960, 375-388, fig. 57-61).

Lapin, P.I.: The main botanic Garden of the U.S.S.R. Academy of Sciences, Moscow (J.R.Hort.Soc. 85, 1960, 251-257). New Garden, 361 ha, opened 28 July 1959.

Larsen, K.: New species of Veratrum and Orchidantha from Thailand and Laos (Bot.Tidskr. 56, 1961, 345-350, 5 fig.). A new Veratrum from Chieng Dao, the highest summit in N.Siam; 2 n.sp. of Orchidantha, both based on Kerr coll. from Laos and Pattani.

Laubenfels, D.J.de: Parasitic conifer found in New Caledonia (Conif.) (Science 130, 1959, 97).

A most interesting suggestion that Podocarpus uстus is parasitic on Dacrydium. If this is true and there is a haustorium in the living tissue of the host it would represent a unique find. It might be a bark epiphyte, living in the dead bark as I have found to be the case in a Javanese Henslowia. The abstract is not decisive on this alternative.

Lawrence, G.H.M.: Cissus discolor and other names in Blume's Catalogus of 1823 (Baileya 8, 1960, 52-53).

A census of specific names dating from 1823, several of which are not cited in Ind.Kew. from that year.

----- : Identification of the cultivated Passion flowers (Passifl.) (Baileya 8, 1960, 121-133, fig.52-54). Key.

Leinfeller, W.: Zur Entwicklungsgeschichte der Kronblätter der Sterculiaceae-Buettnerieae (Oesterr.Bot.Z. 107, 1960, 153-176, 9 fig.).

Li, Hui-lin: A theory on the ancestry of Angiosperms (Acta Biotheor. 13, 1960, 185-202).

Protangiosperms originated in a subaquatic environment from an algal ancestry; in the Jurassic Angiosperms were firmly established on land through their early evolution. They had a multiple and recurrent derivation from various algal groups in the Permo-Triassic. Endospermy is of great significance in phylogeny.

Mani, M.S.: Cecidotheca indica (J.Res.Agra Univ.(Science) 8, 1959, 1-279, 32 pl.).

Account of insect galls in India.

Martin, P. & B.Rademacher: Untersuchungen zur Frage der Wurzelallelopathie von Kulturpflanzen und Unkräutern (Beitr.z.Biol.d.Pflanzen 35 (2), 1960, 213-237).

Meeuwen, M.S.van, H.P.Nooteboom & C.G.G.J.van Steenis: Preliminary revisions of some genera of Malaysian Papilionaceae I (Reinwardtia 5, 1961, 419-456, 6 maps).

Introduction on the pathway of drought plants in Malaysia, consisting of a corridor between the two large everwet areas in West Malaysia and New Guinea, enabling interchange between Australia and Asia. This pathway was active during the Pleistocene Ice Age. Man-dispersed plants settle on it in present time. The degree of drought resistance is equalled with the width of the disjunctions. Revisions of the genera *Pycnospora*, *Smithia*, *Uraria*, *Galactia*, *Moghania*, *Rhynchosia*, *Stylosanthes*, *Zornia*, *Cyclocarpa*, *Neocollettia*. Keys and discussions; no descr.

- : C.G.G.J.van Steenis & J.Stemmerik: Preliminary revisions of some genera of Malaysian Papilionaceae II (*Reinwardtia* 6, 1961, 85-108).
Alysicarpus (key, descr.), Christia (*Lourea*; key, descr.), Notes on some Desmodiums, *Psoralea* (key, descr.), *Pseudarthria*, Note on *Sophora longipes*, and on some Tephrosias.
- Mehra, P.N. & S.S.Bir: Cytological observations on the Himalayan species of Athyrium and comments on the evolutionary status of the genus (Polypod.) (*Am.Fern J.* 50, 1960, 276-295, 18 fig.).
- Melville, R.: An aberrant species of Eclipta from Australia: *E.alatocarpa* n.sp. (Compos.) (*Trans.R.Soc.S.Austr.* 83, 1960, 77-78, 1 fig.).
- : The pollen mechanism of *Isotoma axillaris* Lindl. and the generic status of *Isotoma* Lindl. (Campan.) (*Kew Bull.* 14, 1960, 277-279, 1 fig.).
Flower biology of *I.axillaris* and discussion of the generic delimitation in this group. There is unfortunately no account of this kind of structure in species of other genera, which gives its evaluation only a relative value, not decisive for generic rank.
- : *Epilobium pedunculare* A.Cunn. and its allies (Onagr.) (*Kew Bull.* 14, 1960, 296-300, 1 fig.).
- Mendoza, D.R.: Lagikway - a hitherto unrecorded Philippine plant (Malv.) (*Philip.J.Sc.* 88, 1959, 257-261, 1 pl.).
Abelmoschus manihot f.*speculatus* B.W.
- Meijer, W.: Notes on the species of *Bazzania* (Hepat.) mainly of Java (*Blumea* 10, 1960, 367-384).
- : Notes on the Flora of Sepilok Forest Reserve 15 miles W of Sandakan (Forest Department, Sandakan 1960, folio 12 + 19 pp., stencilled).

- Miller, H.A.: Notes on Hawaiian Hepaticae. Frullaniaceae (The Bryologist 56, 1953, 40-48, 1 fig.).
- : Field observations on associations of Hawaiian mosses (The Bryologist 57, 1954, 167-172).
- : Cryptogams of Kapingamarangi Atoll, Caroline Islands I. Bryophyta (The Bryologist 59, 1956, 167-173, 1 fig.).
- : A phytogeographical study of Hawaiian Hepaticae (Publ.no 20, 459 Stanf.Univ. 1957, 140 pp.).
- : A preliminary checklist of Micronesian bryophytes (The Bryologist 63, 1960, 116-125).
- & W.A.Niering: Cryptogams of Kapingamarangi Atoll, Caroline Islands II. Ecology and phytogeography (The Bryologist 59, 1956, 174-180, 1 fig.).
- & E.B.Scott: Notes on Hawaiian Hepaticae II. Ricciaceae (The Bryologist 61, 1958, 367-370, 1 fig.).
- & ----- : Notes on Hawaiian Hepaticae III. Relationships among Herpocladium, Herberta, and Acromastigum (The Bryologist 62, 1959, 109-116, 3 fig.).
- & ----- : Notes on Hawaiian Hepaticae IV. Herberta herpocladioides sp.nov. (The Bryologist 62, 1959, 116-117, 1 fig.).
- Mizushima, M.: A preliminary revision of the genus Sagina of Japan and its adjacent regions (Caryoph.) (J.Jap.Bot. 35, 1960, 103-107, 193-200, 257-260, to be contd). Key.
- Moersaid, R. & R.Soeadiarto: Silvicultural aspects of the tropical rain-forest in Indonesia (Proc.Symp.Humid Trop. Veg.Tjiawi 1958, 1961, 285-294).
- Moldenke, H.N.: Hybridity in the Verbenaceae (Am.Midl.Natur. 59, 1958, 333-370).
Hybrids inter alia of Stachytarpheta and Lantana.
- : Materials towards a monograph of the genus Citharexylum II (Verben.) (Phytologia 6, 1958, 262-320). Key to the species.
- : Notes on new or noteworthy plants XXIII (Verben.) (Phytologia 6, 1959, 446-448). Contains Pygmaeopremna angustifolia (H.J.Lam) comb.nov.
- : Notes on new and noteworthy plants XXIV (Verben.& Erioc.) (Phytologia 7, 1959, 77-91). News in Callicarpa, Caryopteris, Clerodendron, Pygmaeopremna, Eriocaulon from SE.Asia.

- : New or noteworthy plants XXV (Erioc.) (Phytologia 7, 1959, 119-123).
A new variety of Eriocaulon from Laos.
- : Materials towards a monograph of the genus Avicennia I-II (Verben.) (Phytologia 7, 1959, 123-168, 179-232, to be contd.).
- Moore, D.M.: Chromosome numbers of flowering plants from Macquarie Island (Bot. Notis. 113, 1960, 185-191).
Over 60% of the species are polyploids.
- Mora, L.E.: Beiträge zur Entwicklungsgeschichte und vergleichenden Anatomie der Cyperaceen (Beitr.z.Biol.Pfl. 35, 1960, 253-341).
- Mukerjee, S.K.: Enumeration of Indian flowering plants (Ranunc.) (Bull.Bot.Surv.India 1, 1959, 138-141).
This is the first part of a series which aims at being a preliminary revision of nomenclature and distribution of the flora of India. No descr., treats Clematis, Naravelia, Anemone.
- Nair, Dewan Mohindu Nath: Botanical Survey of the Southern Shan States (Brasfab 1, 1960, 405 pp., 12 pl.; non vidi).
- Nawaz, M., I.U.Khan & A.G.Kansar: Some species of Cercospora of West Pakistan (Biologia 6, 1960, 178-180).
- Neubauer, H.F.: Über eine Zapfenkolonie bei Pinus merkusii (Conif.) (Willdenowia 2, 1960, 598-601, 1 fig.).
- Nicholson, D.I.: Light requirements of seedlings of five species of Dipterocarpaceae (Mal.For. 23, 1960, 344-356).
All 5 species responded positively to some shading, but less so after establishment, which is explained by the mutual shading of the lower portions of the trees and soil.
- : The influence of original vegetation on silviculture in North Borneo (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 281-284).
- Ninan, C.A.: Studies on the cytology and phylogeny of the Pteridophytes II. Lycopodium (Proc.Nat.Inst.Sc.India 24, 1958, 54-66, 14 fig., 7 pl.).
- Olah, L.von: Cytological and morphological investigations in Rafflesia arnoldi R.Br. (Bull.Torr.Bot.Club 87, 1960, 406-416, 19 fig.).
- Ownbey, G.B.: The genus Argemone in South America and Hawaii (Papav.) (Brittonia 13, 1961, 91-109, 25 fig.).

- Pande, S.K. & R.Udar: Genus Riccia in India II (Hepat.) (Proc. Nat.Inst.Sc.India 24, 1958, 79-88, 3 fig.).
- Philipson, W.R. & H.St.John: List of the flora of Oeno Atoll, Tuamotu Archipelago, South Central Pacific Ocean (Trans.R.Soc.New Zeal. 88, 1960, 401-403).
17 Phan., almost all beach plants.
- Potztal, E.: Eine neue Palme aus Celebes (Palm.) (Willdenowia 2, 1960, 628-633, 3 fig.).
Areca langloisiana with stilt-roots from NE.Celebes.
- Ramakrishnan, P.S.: Studies on the autecology of Euphorbia hirta L. (Euph.) (J.Ind.Bot.Soc. 39, 1960, 455-473, 1 pl.).
- Ramanujam, C.G.K.: Some Pteridophytic spores from the Warkalli lignite in South India, with special reference to those of Schizaeaceae (J.Ind.Bot.Soc. 39, 1960, 46-54, pl.II). Should be in India onwards of the Jurassic.
- Ram Udar: Studies in Indian Sauteriaceae II. The morphology of Athalamia pinguis Falc. (Hepat.) (J.Ind.Bot.Soc. 39, 1960, 56-77, fig.).
- Randhawa, M.S.: Zygnemaceae (Algae) (Ind.Counc.Agric.Res. New Delhi 1959, 478 pp., 521 fig.).
Monographic study of 13 genera and 580 spp.
- Rao, V.S. & R.M.Pai: The floral anatomy of some Scitamineae. Part II (J.Univ.Bombay n.s. 28 B, 1960, 82-114, 67 fig.).
- Rappard, F.W.: De wijze van voorkomen, het gebruik en de cultuur van Matoa, Pometia pinnata Forst., door Papoea's (Sapind.) (Nieuw Guinea Studien 5, 1961, 1-9, 1 fig., 4 photogr.).
English summary. Pometia pinnata as a valuable fruit tree, sometimes semi-domesticated by Papuans in West New Guinea. Also for timber matoa is one of the most abundant and rather valuable Papuan trees.
- Raymond, M.: Le genre Gahnia en Thailande et en Indo-Chine (Cyper.) (Nat.Canad. 86, 1959, 73-76).
- Reiner, E.: The glaciation of Mt Wilhelm, Papua (Geogr.Review 50, 1960, 492-503, illustr. and maps).
Glacial moraines were traced as low down as 3300 m. A comparison is made with former glaciation on Mt Carstenz.
- Robbins, R.G.: Montane formations in the Central highlands of New Guinea (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 176-195, map).

Royen, P. van: De botanische exploratie van Nieuw-Guinea in de jaren 1954 en 1955 (Schakels NNG 38, 1960, 28-35, 3 fig.).

In Dutch. Botanical exploration 1954-1955.

---- : Coombea, a new genus of Rutaceae (Nova Guinea (Bot.) no.2, 1960, 9-12, 1 fig.).

Coombea riparia n.g.n.sp. referred to Zanthoxyleae-Choisyinae.

---- : Vegetation of some parts of Waigeo island (Nova Guinea (Bot.) no.3, 1960, 25-62, 5 fig., 5 pl.).

Vegetation sketches; list of species of Waigeo I. collected by the author.

Ruinard, J.: Het onderzoek naar de voedingswaarde van Bataten, deel 1 (Solan.) (Meded. Landbouwk. Afd. Agr. Proefstat. Ned. Nw Guinea no 6, 1960, 1-17, mimeographed).

With a summary: Investigations into the food value of sweet potatoes, part 1.

Runemark, H.: The species and subspecies concepts in sexual flowering plants (Bot. Notiser 114, 1961, 22-32).

It is a pleasure to observe that the author's views do not deviate far from those followed in the Flora Malesiana.

Santapau, H.: Instructions for field collectors of the Botanical Survey of India (Ministry of Nat.Resources & Sc. Research, New Delhi, 16°, 1955, 1-16).

---- : The identity of the Entada plants from Bombay (Legum.) (J. Bomb. Nat. Hist. Soc. 57, 1960, 238-240).

All E.pursaetha DC.; E.scandens occurs in eastern Asia.

---- & N.A. Irani: The genus Ceropegia in Bombay (Asclep.) (Bull. Bot. Soc. Beng. 12, 1958, 8-17, 2 pl.).

Key to 10 spp.; descr. of 8 spp.

---- & Z. Kapadia: Critical notes on the Orchidaceae of Bombay State II. Platanthera and Peristylus (J. Bomb. Nat. Hist. Soc. 57, 1960, 124-135, pl. 7-10).

Key to 6 spp. of Peristylus.

---- & : Critical notes on the Orchidaceae of Bombay State III. Oberonia (J. Bomb. Nat. Hist. Soc. 57, 1960, 252-269, pl. 11-15).

Revision; key and descr.

---- & : Critical notes on the Orchidaceae of Bombay State IV. The genus Dendrobium Sw. (J. Bomb. Nat. Hist. Soc. 57, 1960, 491-510, t. 16-25).

11 spp.; key; descr.

Sarkar,A.: Studies on the Anthracnose Fungus of Hibiscus canabinus L. (Lloydia 23, 1960, 97-101).
Colletotrichum hibisci Poll.

Satanarayan,Y.: Ecological studies of the evergreen vegetation of the Western Ghats (Proc.Symp.Humid Trop.Veg. Tjiawi 1958, 1961, 196-214, 2 maps).

Schnell,R.: Note sur le genre Cephaelis et le problème de l'évolution parallèle chez les Rubiacées (Bull.Jard.Bot. Brux. 30, 1960, 357-373, fig.48-56).

Cephaelis is an artificial genus through condensation of the inflorescence.

Scott,A.M. & G.W.Prescott: Notes on Indonesian freshwater algae IV. Concerning Euastrum moebii (Borge) Scott & Presc. nov.comb. and Euastrum turgidum Wall. (Reinwardtia 5, 1960, 323-340, 5 fig.).

----- & ----- : Indonesian Desmids (Hydrobiologia 17, 1-2, 1961, 132 pp., 63 pls).

Descr. and illustr. of 526 desmid taxa from Borneo, Sumatra, Java, and Bali, of which 152 are new taxa of 11 genera.

Scott,R.A., E.S.Barghoorn & E.B.Leopold: How old are the Angiosperms? (Am.J.Sc. 258A, 1960, 284-299).

The lack of fossil evidence before the Cretaceous is still explained by de deus ex machina of upland origin.

Seithe,A.: Die Haarformen der Gattung Rhododendron L. und die Möglichkeit ihrer taxonomischen Verwertung (Eric.) (Bot.Jahrb. 79, 1960, 297-393, 7 Taf.).

Shaw,H.K.Airy: A few or noteworthy Agapetes from the Calcutta Herbarium (Eric.) (Kew Bull. 14, 1960, 110-113).

----- : A new species of Caryodaphnopsis (Laur.) (Kew Bull. 14, 1960, 250-251).

From Laos; Beilschmiedia titanophylla Shaw from Borneo is transferred to Alsoedaphne.

----- : Nomenclatural note on Labisia Lindl. (Myrs.) (Kew Bull. 14, 1960, 320).

Labisia punctata (Reinw.) Shaw (L.pumila Bl.) with 4 new var. However, L.pumila Bl. was published in 1823 and is the correct specific name.

Simmonds,N.W.: Notes on banana taxonomy (Musac.) (Kew Bull. 14, 1960, 198-212).

2 new spp. from Borneo and New Guinea respectively; notes on other spp. of interest; checklist of Musa; records of Ensete and annotated checklist of Ensete.

Skottsberg, C.: Astelia on Mauritius (Liliac.) (Svensk Bot. Tidskr. 54, 1960, 477-482, 4 fig.).

----- : Remarks on the plant geography of the southern temperate zone (Proc.R.Soc. B, 152, 1960, 447-457). Eight types or districts are distinguished obviously on a mixed floristic-ecologic basis. Long-distance dispersal is rejected as having been instrumental in attaining the present areas of oceanic distribution.

Sledge, W.A.: The Polypodiaceae and Grammatidaceae of Ceylon (Bull.Br.Mus.(Nat.Hist.) Bot. 2, 1960, 131-158, 4 fig.). Important paper for Malaysian pteridology.

Sleumer, H.: Florae Malesianae precursores XXIV. The genus Agapetes D.Don in Malaysia (Eric.) (Nova Guinea (Bot.) no. 1, 1960, 1-7).

Key to 11 spp.; list of excluded names and their equivalents.

Slooten, D.F. van †: Sertulum Dipterocarpacearum Malayensium VII (Reinwardtia 5, 1961, 457-479, 6 fig.). Descr. of 11 spp. of Dipterocarpus (2 are new), Dryobalanops keithii, Hopea forbesii, Parashorea aptera, Vatica ramiflora. Vatica imbricata is reduced to Kayea.

Smith, L.S.: New species of and notes on Queensland plants IV (Proc.R.Soc.Queensl. 70, 1959, 28-32).

New comb. in Mammea, Chisocheton (Rhetinosperma Radlk.) and n.sp. in Beilschmiedia, Pilidostigma, and Laportea. Brassiodendron is reduced to Endiandra montana.

Smitinand, T.: Reserved trees of Northeastern Thailand (Thai For.Bull. 5, 1960, 19 pp., 23 pl., mimeogr.). Key on vegetative characters to a number of commercial trees.

Soegeng Reksodihardjo, W.: The genus Coelostegia Benth. (Bombac.) (Reinwardtia 5, 1960, 269-291, 10 fig., map). 5 new spp.; rev.; key.

Soepadmo: A monograph of the genus Neesia Blume (Bombac.) (Reinwardtia 5, 1961, 481-508, 14 fig.). 8 spp. distinguished; key; descr.; one new sp.

Stafleu, F.A. & W.T. Stearn: De Candolle's Légumineuses (Taxon 9, 1960, 169-171). Appeared 1825/26; precise dates of the 8 parts and plates are given.

Stearns, W.T.: Humboldt's essai sur la géographie des plantes (J.Soc.Bibl.Nat.Hist. 3, 1960, 351-357). Detailed considerations on the origin and significance of Humboldt's renowned essay.

----- : A new photographic record of the Linnaean Herbarium (Taxon 10, 1961, 16-19).

Steenis, C.G.G.J. van: Phellodendron, a genus of trees new to the Malayan flora (Rutac.) (Gard.Bull.Sing. 17, 1960, 357-360, 1 pl.).

A new Malayan lowland species of this Asiatic genus.

----- : Miscellaneous botanical notes on New Guinea plants VI (Nova Guinea (Bot.) no.3, 1960, 13-19, 2 fig.).

Distr. Prunus javanicus; new comb. in Zizyphus; conspectus of Neosepicaea; Ellisiophyllum pinnatum in Papua; Papilionopsis stylidioidea n.g.n.sp. (Leg.-Pap.).

----- : Discrimination of tropical shore formations (Proc. Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 215-217).

St.John,H.: The name of the Indo-Pacific strand Scaevola (Good.) (Taxon 9, 1960, 200-208, 1 fig.).

It seems clear that the Scaevola frutescens = Sc.sericea Vahl should be called Sc.taccada (Gaertn.) Roxb. Although Roxburgh did not mention the basionym in his Hort.Beng., an extremely concise list of names, it appears that this was his clear intention in Fl.Ind. 2 (1824) 146, as he expressly stated.

Stone,B.C.: Corrections and additions to the Flora of the Hall Islands and to the Flora of Ponape (Pac.Sc. 14, 1960, 408-410).

----- : The genus Sararanga (Pandanaceae) (Brittonia 13, 1961, 212-224, 9 fig., 2 maps).

Comprehensive revision with full descr. and key to the 2 spp. (1 Philippines, 1 Solomons).

Suriawiria,U.: Trichoglottis maculata J.J.S. (Orchid.) (Penggemar Alam 39, 1960, 18-20, 1 fig.).

In Malay, with English summary. Found near Bandung.

Tindale,M.D.: Notes on Pteridophytes from Australasia and New Caledonia I (Am.Fern J. 50, 1960, 117-124).

Tomlinson,P.B.: The anatomy of Canna (Cannac.) (J.Linn.Soc. Lond. Bot. 56, 1961, 467-473, 16 fig.).

Trumble,H.C.: Bioclimatology of Indonesia in relation to vegetation (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 218-239).

Turner,B.L. & O.S.Fearing: The basic chromosome number of the genus Neptunia (Legum.) (Madrono 15, 1960, 184-187, 5 fig.).

2 n = 28, 56, 78.

- Turrill, W.B.: Petraeovitex wolfei (Verben.) (Bot. Mag. 173, 1960, t. 355).
- Vavilov, N.R.: Die Evolution der Kulturarten der Gattung Phascolus L. (Legum.) (Sbornik 70 letija N.I. Vavilova Akad. Nauk SSRR 1960, 80-85).
In Russian. Origin and development of cult. spp. in America and Asia.
- Verdcourt, B.: Notes on African Convolvulaceae V (Kew Bull. 15, 1961, 1-18).
Concerns also Malaysian systematy.
- : The genus Monochoria in Africa (Ponted.) (Kirkia 1, 1961, 80-82, map, t. 8-12).
- Verstappen, H.Th.: Preliminary geomorphological results of the Star Mountains Expedition 1959, Central Netherlands New Guinea (Tijd. Kon. Ned. Aardr. Gen. 2e reeks, 77, 1960, 303-311, 5 photogr., 1 map).
- Vidal, J.: Conditions écologiques, groupements végétaux et flore du Laos (Bull. Soc. Bot. France 105, 1958, 3-41, 8 fig., map).
- Walker, E.H.: A revision of the Myrsinaceae of Taiwan (Quart. J. Taiwan Mus. 12, 1959, 161-194, t. 1-22).
Revision; keys.
- Wasiljew, W.N.: Das System der Gattung Calamagrostis Roth (in Fedde, Rep. 63, 1960, 229-251).
- Webb, L.J.: Some new records of medicinal plants of tropical Queensland and New Guinea (Proc. R. Soc. Queensl. 71, 1960, 103-110).
- : Recent studies in tropical rain forest, North Queensland (Proc. Symp. Humid Trop. Veg. Tjiawi 1958, 1961, 240-247).
- Weber, H.: Über die Knollenbildung bei tropischen Ericaceen (Beitr. Biol. Pfl. 35 (3), 1960, 379-393, 10 fig.).
The tubers are thickenings of the hypocotyle.
- Weeraratna, W.G.: The ecology and biology of parasitism of the Loranthaceae of Ceylon (Ceyl. For. 4, 1960, 264-275, 7 photogr.).
- Wilce, J.H.: Lycopodium complanatum L. and four allied species of the Old World (Lycopodiaceae) (Nova Hedwigia 3, 1961, 93-107, t. 45-53).
L. platyrhizoma (Sumatra, Java, Malaya), L. multispicatum (Luzon, Formosa, N. Vietnam), L. nancophyllum (S. Africa, Madagascar), L. madeirense (Madeira, Azores).

Wilde, W.J.J.O.de: Redescription of the type of Caulinia indica Willd. = Najas indica (Willd.) Cham. (Najad.) (Willdenowia 2, 1960, 595-597).

Corrections of some errors in the original description.

----- : The morphological evaluation and taxonomic value of the spathe in Najas, with descriptions of three new Asiatic-Malaysian taxa (Acta Bot.Neerl. 10, 1961, 164-170, 9 fig.).

Spathe homologous with leaf (bract). Najas malesiana n.sp. and 2 new var. of N.graminea.

Wit, H.C.D.de: Cryptocoryne blassii De Wit, nov.sp. (Aquat.& Terr.Zeitschr.(DATZ) 13, 1960, 115-116, 2 fig.).
From Bangkok.

Womersley, J.S.: The study of vegetation of eastern New Guinea (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 248-251).

----- : The Araucaria forests of New Guinea. A unique vegetation type in Malaysia (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 252-257).

Wong Yew Kwan: Autecology of the bertam palm, Eugeissona triste Griff. (Mal.For. 22, 1959, 301-313, 4 photogr., 4 fig.).

This stooling palm is a nuisance on ridges and comes up after fellings. Life history, germination, etc.

Wood, G.H.S.: Posthumous publication of new Dipterocarp species from North Borneo (Dipt.) (Gard.Bull.Sing. 17, 1960, 486-497, 5 pl.).

New Dipterocarpus (1), Shorea (3), and Hopea (1) by Van Slooten, Symington, and Wood.

Wyatt-Smith, J.: Diagnostic linear sampling of regeneration (Mal.For. 23, 1960, 191-209).

Details on some examples of encouraged regeneration under the Malayan Uniform System (tree poisoning). Endospermum malaccense is shown to be a distinct light demanding species.

----- Methods used for the ecological study of Malayan forest vegetation (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 132-140).

----- : Development of a silvicultural system for the conversion of natural inland lowland evergreen rain-forest of Malaya (Proc.Symp.Humid Trop.Veg.Tjiawi 1958, 1961, 295-306).

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