

VII. ANNOTATED PHYTO-TAXONOMICAL & PHYTO-GEOGRAPHICAL PUBLICATIONS ON OR OF IMPORTANCE TO THE MALAYSIAN FLORA.

(contd from p. 155)

Alphen de Veer, E.J. van : Een teratologisch novum (Chron. Naturae 105, 1949, 150-152, 3 fig.).

Peculiar polyconal monstruosity of *Pinus merkusii*.

Anonymous: Lijst van boomsoorten verzameld in de Afd. Kapoeas-Barito, Z. Borneo.

Ditto, in de Afd. Bandjermasin, Hoeloe Soengei, Z.O. Borneo.

Ditto, in de Afd. Samarinda, O. Borneo.

Rapport v.h. Bosbouwproefstation Buitenzorg no. 2, 3 & 5, 76, 61 & 48 pp. March, April 1949. Mimeograph.

Lists of tree species collected, arranged both by native names and Latin names; of each species the number of specimens and durability class is added.

Anonymous: Lijst van boomsoorten verzameld in Djambi (Sumatra). (Rapport v.h. Bosbouwproefstation Buitenzorg no. 8 Mei 1949. 14 pp. Mimeograph.

List of native names for tree species in Djambi; also arranged by Latin names in family order.

Atchison, E.: Chromosome numbers & geographical relationships of miscellaneous Leguminosae (J. Elisha Mitchell Sci. Soc. 65, 1949, 118-122).

Some Malaysian spp. are mentioned.

Audy, J.R.: The ecological effects of deforestation and settlement (Mal. Nat. Journ. 3, 1948, 178-189).

Backer, C.A. c.s.: Beknopte Flora van Java. Nooduitgave (emergency edition) afl. 8. Rijksherbarium Leiden, Mei 1949. Mimeographed.

Contains the treatment of the families *Asclepiadaceae*, *Caprifoliaceae*, *Valerianaceae*, *Gentianaceae*, *Primulaceae*, *Plumbaginaceae*, *Plantaginaceae*, *Campanulaceae*, *Lobeliaceae*, *Goodeniaceae*, *Stylidiaceae*, *Polemoniaceae*, *Hydrophyllaceae*, *Boraginaceae*, *Solanaceae*, *Convolvulaceae*, *Scrophulariaceae*, *Orobanchaceae*, *Lentibulariaceae*.

For some families Dr Backer was assisted by R.C. Bakhuizen van den Brink Jr., Miss A. Amshoff, A.G.L. Adelbert and S.J. van Ooststroom.

Backer, C.A. c.s.: Beknopte Flora van Java. Nooduitgave (emergency edition) afl. 9, Aug. 1949.

Treats the *Gesneraceae* (Bakhuizen van den Brink), *Acanthaceae*, (Bäcker & Bremekamp), *Pedaliaceae*, *Bignoniaceae*, *Myoporaceae*, *Verbenaceae* (Meeuse).

Baldwin, J.T. & B.M. Speese: Cytogeography of Emilia in West Africa Comp.). (Bull. Torr. Bot. Club 76, 1949, 346-351).

Treats *E. sonchifolia*, *E. sagittata* and *E. coccinea*.

- Banks, E.: A Naturalist in Sarawak. Kuching, Sarawak, 1949. 125 pp. 2 maps. General, mostly zoological and ethnographical, linguistics.
- Blake, S.F.: Pseudelepanthopus spicatus, a weed of potential importance in Florida (Rhodora 50, 1948, 280-283).
- Bose, S.R.: On the Malayan affinities of the Bengal Polyporaceae (Proc. Nat. Inst. Sci. Ind. 15, 1949, 287-288).  
Overwhelming Malaysian affinities, Australia is next.
- Bremekamp, C.E.B.: On two new Malesian Acanthaceae found among plants collected by Zollinger (Svensk Bot. Tidskr. 43, 1949, 61-64).  
*Blepharis zollingeri* from Sumbawa, *Hypoestes salajeriana* from Salajer.
- Britton, M.E.: New species of Oedogonium from Leyte, the Philippine Islands (Amer. Journ. Bot. 35, 1948, 715 - 719, 1949, f. 1-61, 1949).
- Browne, F.G.: Storm forest in Kelantan (Mal.For. 12, 1949, 28-33).  
Results of a hurricane which struck Dipterocarp forest about 1883.
- Burges, A.: The genus Dawsonia (Proc. Linn. Soc. N.S.W. 74, 1949, 83 - 96).  
Revision of the genus. (*Musci*).
- Burkill, I.H.: William Farquhar's drawings of Malayan plants (Gard. Bull. Sing. 12, 1949, 404-407).  
55 paintings found in the files of the R. As. Soc. Gr. Brit. & Ireland, given in 1827 by F. first Resident and Commandant of Singapore. Botanical identifications.
- Camp, W.H., H.W. Rickett and C.A. Weatherby: Proposed changes in the International Rules of Botanical nomenclature (Brittonia 7, 1949, 1-51).
- Camp, W.H.: Cinchona at high altitude in Ecuador (Brittonia 6, 1949, 394-430).  
Interesting discussion on *Cinchona* populations.
- Camp, W.H.: Distribution patterns in modern plants and the problem of ancient dispersals (Ecol. Monogr. 17, 1947, 123 - 126, 159-183, fig.).
- Chakravarti, A.: A preliminary note on the occurrence of the genus Musa in India and its features in its distribution (J. Ind. Bot. Soc. 27, 1948, 84-89).
- Cheesman, E.E.: Classification of the bananas (Kew Bull. 1949 (1), 24-28).  
Deals with *Musa ornata*.
- Cheesman, E.E.: Classification of the Bananas III (Kew Bull. 1949, 133-137).  
Treats *M. sanguinea* and *M. velutina*.

- Chevalier, A.: Etude et distribution géographique des caffiers sauvages et cultivés (Rev. Int. Bot. Appl. & Agr. col. 26, 1946. 81-94).
- Chevalier, A.: Revision du genre Theobroma d'après l'herbier du Muséum d'Histoire naturelle à Paris ( Rev. Int. Bot. Appl. & Agric. col. 26, 1946, 265-285).
- Collier, W. A. & L. van der Pijl: Over de antibiotische werking, speciaal van hogere planten, met nieuwe resultaten bij Indonesische planten (Chron. Nat. 105, 1949, 8-15).  
Extracts of 290 Javan spp. were tested on antibiotic action on bacteria 42 were positive.
- Copeland, E.B.: Further notes on the ferns of Fiji (J. Arn. Arbor. 30, 1949, 433 seq.).  
Mostly collections of A.C. Smith; nomenclatural correction of earlier paper; 5 n.sp. several n. comb.
- Corner, E.J.H.: The durian theory or the origin of the modern tree (Ann. Bot. n.s. 13, 1949, 367-414, 36 fig.).
- Cortes, R.T. & Pit Hambananda: Fibre length in Anila (Columbia serratifolia) hinlaumo (Mallotus ricinoides) and Kupang (Parkia javanica). Philip. J. For. 5 (1947) 50-70.
- Cronquist, A.: Additional notes on the Simaroubaceae (Brittonia 5, 1949, 469-470).  
Revised key to the genera.
- Day, A.W.: Collecting in the mountain Province ( Philip. Orch. Rev. 2, 1949, 11-15).  
Habitats of orchids in Baguio.
- Demaret, F. & C. van den Berghen; Frullania arecae (Spreng.) Gottsche et F. ecklonii (Spreng.) Gottsche & Lindenb. ( Bull. Jard. Bot. Etat Brux. 19, 1948, 73-84).  
*F. arecae* recorded for Malaysia.
- Donk, M.A.: New and revised nomina generica conservanda proposed for Basidiomycetes (Fungi) (Bull. Jard. Bot. Buitenzorg III, 18, 1949, 83-168).  
New and amended proposals (cf. l.c. 17, 1941, 155-197).
- Endert, F.H.: Droogte resistente gewassen (Tectona 36, 1946).  
Reprint as Med. Dep. Econ. Zaken Batavia no. 1, 50 pp. fl. 1.10  
Extensive survey of possibilities of drought resisting plants, for economic purposes in those parts of Indonesia which show a periodically dry climate. Introduction to a rehabilitation of the plant cover and production of these areas.
- Fagerlind, F.: Some reflections on the history of the climate and vegetation of Hawaii (Svensk Bot. Tidskr. 43, 1949, 73-81).
- Ferwerda, P.F.: Coffee breeding in Java ( Econ. Botany 2, 1948, 258 - 272, bibl.).  
Various observations and concise clear account.

- Fosberg, F.R.: Immigrant plants in the Hawaiian Islands II. Univ. of Hawaii, Occas. Pap. no. 46 (1948) 3-17.  
Interesting list of immigrants;  
Annotated list of immigrants, interesting for comparison with Malaysian spp. *Polyscias scutellaria* (Burm.f.) Fosb. is a new comb.
- Furtado, C.X.: Palmae malesicae X. The Malaysian species of Salacca (Gard. Bull. Sing. 12, 1949, 378-403).  
Systematic treatment, with keys and descriptions, 13 spp. recognized; occurs not E of Wallace's Line.
- Furtado, C.X.: A further commentary on the Rules of Nomenclature (Gard. Bull. Sing. 12, 1949, 311-377).  
Numerous considerations regarding improvement of the Rules.  
Many proposals.
- Gagnepain, F.: Genres nouveaux, espèces nouvelles d'Indochine (Bull. Mus. Hist. Nat. II, 20, 1949, 291- ).  
*Pilogyne* n.g. (Myrs.), notes on *Eberhardtia* (Sapot.), 4 n.sp. in *Sarcosperma* (Sarcosp.), 1 n. sp. in *Linociera* (Oleac.).
- Gagnepain, F.: Genres nouveaux, espèces nouvelles d'Indochine (Bull. Soc. Bot. Fr. 95, 1948, 26-34).  
New genera: *Poilanedora* (Capp.), *Perissandra* (Viol.), *Paranneslea* (Theac.), *Brachypodandra* (Tiliac.), *Distephania* (Sax.), *Symphyllarion*, *Quiducia* (Rub.), *Numaeacampa* (Camp.), new spp. in *Olox*, *Flacourtia*, *Taraktogenos* and *Pachygone*.
- Glosh, B.N.: Physiological studies on the effect of colchicine on rice (J. Ind. Bot. Soc. 27, 1948, 119-129).
- Griffioen, K.: Some wood-destroying Fungi in Indonesia (Tectona 39, 1949, 348-367).  
Research. in labor. experiments under controlled conditions.
- Guillaumin, A.: Flora analytique et synoptique de la Nouvelle-Calédonie Phanérogames. Office de la Recherche Scientifique coloniale Paris, 1948, 369 pp. ca Frs 1250.  
Keys to the identification of the families, genera and species without descriptions (except family diagnoses), descriptions, names of authors and references to literature. Index to family and generic names. It is much to be regretted that this flora is edited, apparently *pecuniae causa*, in such an abbreviated form, a work on which the author spent 39 years.
- Hall, C.J.J. & C. van de Koppel (ed.): De landbouw in de Indische Archipel vol. 2a, 's-Gravenhage 1948, 905 pp.  
This volume of the handbook on agriculture in the Malaysian Archipelago deals with food crops and medicinal plants.  
Many authoritative treatments by wellknown experts.
- Hara, Hiroshi: Enumeratio spermatophytarum japonicarum, pars prima. Tokyo, Iwanami Shoten. 1948. 300 pp. *Pirolaceae-Plantaginaceae*.  
A bibliographic, critical enumeration of part of the *Sympetalous* Jap. flow. plants, with synonyms, references, indication of the literature and figures. Ind. to generic names. Several new comb. mostly of infraspecific taxa.

- Harling, G.: Zur Embryologie der Gattung Hedychium Koenig (Svensk Bot. Tidskr. 43, 1949, p. 357-364).
- Heeteren, H.V.A. van: Moelijkheden voor de cultuur van Pyrethrum op Java (Landbouw 20, 1948, 149-164, summary).  
Notes on results of cultures in Java.
- Helbig, K.: Indonesiens Tropenwelt, Stuttgart 1949, 80 pp. DM. 6.-.  
Popular, general, richly illustrated.
- Helbig, K.: Indonesien. Eine auslandskundliche Übersicht der malaischen Inselwelt, Stuttgart 1949, 147 pp.  
General introduction on natural, etymological, political and economical aspects.
- Helbig, K.: Paradies im Licht und Schatten. Erlebtes und Erläushtes in Insulinden. Braunschweig, 1949, 308 pp. Illust.
- Hes, J.W.: Javaanse dessanamen uit een botanisch standpunt (Chron.Nat.105, 1949, 22-24, 1 fig.).  
By means of villages named after *Tectona* and *Butea* the ancient devastation of teak forest is traced.
- Henderson, M.R.: The genus Eugenia (Myrtaceae) in Malaya ( Gard.Bull.Sing. 12, 1949, 1-293, 54 fig.).  
Important revision containing 138 distinguished spp. and many varieties. 2 new names, 3 new comb. and 19 new var. are proposed. Various spp. are reduced. Full descr. lit. keys, localities list of collections. Detailed discussion on the merits of segregating *Syzygium*, *Cleistocalyx*, *Acmena*, based on extensive and careful observations of many spp. alive. The characters do not hold; no satisfactory basis is found in the seed characters for generic demarcation. *Eugenia* is retained *sens.lat.*; 5 sections are distinguished; in *Syzygium* spp. are arranged in 5 groups.
- Hildebrand, F.H.: Lijst van boomsoorten verzameld in Sumatera-timur ( Rep. Forest Research Inst. Buitenzorg no. 9, May 1949, mimeogr. 50 pp.  
List arranged by native and by latin names of trees collected in the Res. Eastcoast of Sumatra.
- Hildebrand, F.H.: Lijst van boomsoorten verzameld in Riau, Bengkalis en Indragiri ( Rep. Forest Research Inst. Buitenzorg no. 11, June 1949, mimeogr. 67 pp.  
List arranged by native and latin names of trees collected in Riau, Bengkalis and Indragiri (E.Sumatra).
- Holtum, R.E.: On variability in wild Orchids and its implications (Chron. Nat. 105, 1949, 111-113).  
Examples of variation in Malayan Orchids, and of species originated by hybridisation. Of *Arundina* there is only 1 species in Malaya. *Arachnis maingayi* is a hybrid between *A. hookeriana* and *A. flos-aeris*.
- Holtum, R.E.: The parent species of Vanda Miss Joaquim ( Philip.Orch.Rev. 2, 1949, 6-7, 2 fig.).  
A hybrid between *V. hookeriana* and *V. teres*.

- Holttum, R.E.: The fern-genus Heterogonium Presl ( Sarawak Mus. Journ. 5, 1949, 156-166, 2 fig.).  
Reconsideration of Presl's genus with a key to the genera of the *Tectaria* group. Discussion of the value of characters in this group. 9 spp. are distinguished in *Heterogonium*; 4 new comb. 1 new name; spp. keyed out; each sp. with lit. basynym, syn. descr. and distr.
- Holttum, R.E. & C.X. Furtado: The status of botanical literature published before 1753 (Gard.Bull.Sing. 12, 1949, 307-310).  
Proposal to discard for nomencl. pre-Linnean references.
- Holttum, R.E.: The selection of type-species of some old genera of ferns (Gard.Bull.Sing. 12, 1949, 303-306).  
Advises to follow first divider of genera now regarded as heterogeneous; discussions of *Pteropsis*, *Trichomanes*, *Belvisia*, *Thelypteris* and *Ctenopteris*.
- Holttum, R.E.: Gregarious flowering of the terrestrial orchid Bromheadia finlaysoniana (Gard.Bull.Sing. 12, 1949, 295-302).  
Comparison with *Dendr. crumenatum* etc. Exper. and observ. on reaction of rootsystem and budgrowth in relat. to rainfall.
- Holttum, R.E.: Malayan Garden Plants I. Ten flowering shrubs. Bot.Gardens Singapore 1949. \$ 0.50 Straits.  
Annotated pen-drawings; for popular purposes.
- Holttum, R.E.: A new Orchid from Mt Poi ( Sarawak Mur.Journ. 5, 1949, 172-173).  
*Arachnis calcarata* n.sp.
- Holttum, R.E.: Botanic Gardens Department. Annual Report for 1948 (1949) 7 pp. 4 photos. Str. \$ 1.50.
- Hu, Shiu-ying: The genus Ilex in China II (J.Arn.Arbor. 30, 1949, 348-387).  
To be continued.
- Iterson, Jr. G. van: Levensbericht van Oene Posthumus ( Jaarboek Kon.Akad. Wet. 1948-1949, 24 pp.).  
Obituary; bibl.
- Jones, G.N. & E. Meadows: Principal institutional herbaria of the U.S.A. (Amer.Midl.Nat. 40, 1948, 724-740).  
Number of sheets, curator, foundation, concise note on collections.
- Joshi, A.C.: Indian Botany: Present Position and Prospects (Journ.Ind.Bot. Soc. 28, 1949, 1-15).  
Interesting address of the President of the Society on the state of various branches of botany in India.
- Keuh, C.K.: Orchid culture in Kuching (Sarawak Mus.Journ. 5, 1949, 167-171 6 photos).  
Notes on cult. spp.; popular.
- Koernicke, M.: Insulinde. Das holländische Kolonialreich. Bonn, 1949, 56 pp. 47 photogr.  
Introduction to general aspects of Indonesia. Well-illustrated.

- Kukenthal, G.: Vorarbeiten zu einer Monographie der Rhynchosporoideae (Bot. Jahrb. 74, 1949, 375-509).  
First part of the monograph of *Rhynchospora* in which 93 spp. are treated. 8 spp. are recorded from Malaysia, New Guinea being richest.
- Kurata, S.: A new species of Ternstroemia in Netherland North New Guinea (Bull. Tokyo Univ. Forests no. 36, 1948, 132-133, 1 fig.).  
*Ternstroemia nabirensis* sp. nov.
- Kurata, S.: Rutaceae collected by Prof. T. Inokuma and K. Hara in Netherland North New Guinea ( Bull. Tokyo Univ. Forests no. 36, 1948, 124-129, 2 fig.).  
*Evodia dallmanensis* n.sp. *E. tenuifolia* n.sp.; there is probably no generic difference between *Evodia* and *Melicope*.
- Lam, H.J.: Flora Malesiana (Tijd. Kon. Ned. Aandr. Gen. 66, 1949, 587-589).  
A review of this new Flora.
- Little, E.L.: Four nomina conservanda proposals in flowering plants (Phytologia 3, 1949, 81-86).  
Incl. also *Castanopsis* (D. DON) SPACH.
- Mangelsdorf, P.C. & C. Earle Smith Jr.: New archaeological evidence on evolution in maize (Bot. Mus. Leafl. Harv. Univ. 13, 1949, 213-247, pl. 23-28).  
In New Mexico a cave yielded ancient maize of a most primitive type without husks.
- Matuszkiewicz, W.: Material for a monograph of the genus Calamagrostis (Ann. Univ. Curie-Sklodowska sect. C. Biol. 3, 1948, 223-256).
- Meulen, J.G.J. van der & A.J. Ophof: de rijstvarieteit Oentoeng (Landbouw 20, 1948, 53-74, summary).  
Oentoeng, a Bengal variety, received in 1930, produces high yields in Java, and is regarded as an important acquisition.
- Merrill, E.D. (elaborated by Miss Dr J. Th. Koster): De plantengroei van de Maleise Archipel, Leiden, 1949, 226 pp. 254 fig. fl. 6.30.  
Dutch version of Merrill's plant life in the Pacific, adapted for Indonesian readers; well-executed, provided by a bibliography and a sketch of the activities of Dr Merrill by Dr Lam.
- Merrill, E.D.: Index Rafinesquianus. Jamaica Plain, Arnold Arboretum, 1949 4<sup>o</sup>, IX, 296 pp.  
An exhaustive treatment of the plant names published by the 'prince of erratic botanists', with reductions, and a consideration of R.'s methods, objectives, and attainments. A masterpiece of botanical biography.
- Mitra, G.C.: Developmental studies on stipules (J. Ind. Bot. Soc. 27, 1948, 150-166).  
Ontogenetic description of stipules in *Paederia* and *Ixora*.

- Monachino, J.: A revision of the genus *Alstonia* (Apoc.) (Pacific Science 3, 1949, 133-182).  
A complete revision; 39 spp. recognized; many names reduced to syn.; one new so. described from New Guinea; 18 spp. recorded for Malaysia; brief review of commercial possibilities; keys, descriptions, specimens cited; bibl.
- Moseley, M.F.: Comparative anatomy and phylogeny of the Casuarinaceae (Bot. Gaz. 110, 1948, 231-280, 40 fig.).  
*C. rumphiana* Forst. is treated as a syn. of *C. nodiflora* Forst.
- Mukherjee, S.K.: Protogyny in Indian forms of *Saccharum spontaneum* (Curr. Sci. 18, 1949, 410, 2 fig.).
- Nakai, T.: Essential results from my observation on tropical plants in Java, Galang Island of Rio Archipelago, and on Japanese plants in the surroundings of Beppu Hotspring, Prov. of Bungo, Kyushyu (Bull. Tokyo Sci. Mus. no. 22, 1948, 1-43, 6 fig.).  
Observations on *Amorphophallus selebicus* n.sp. of sect. *Titanum* sect. nov. (Arac.). Key to sect. and subgen. of *Musa*, with n. comb. and n.sp.; *Heliconiopsis* is recognized with new comb. (Musac.), note on *Ploiarium* (Theac.), discrimination between *Paederia scandens*, *foetida*, *tomentosa* and *longituba* n.sp. (Rub.) note on *Sesamum indicum* (Pedal.) on *Albelmoschus manihot* (Malv.), *Broussonetia* (Morac.), *Nepenthes* in Galang Isl. (*Nepenth.*).
- Nelmes, E.: Notes on Cyperaceae XX. The genus *Uncinia* in Malaysia (Kew Bull. 1949, 140-145).  
Three new spp. 2 from New Guinea, one from Borneo.
- Penfound, W.T. & T.T. Earle: The biology of the water hyacinth (Ecol. Monog. 18, 1948, 447-472, f. 1-9, tab. 1-4).
- Perry, L.M.: Plantae Papuanae Archboldianae XIX. Cunoniaceae (Journ. Arn. Arbor. 30, 1949, 139-165).  
With Keys.
- Pichon, M.: Classification des Apocynacees IX. Rauvolfiées, Alstoniées, Allamandées et Tabernaemontanoidées (Mem. Mus. Hist. Nat. Paris, n. sér. 27, 1948, 153-252, pl. 10-20).  
Definitions and keys to the genera.
- Pichon, M.: Classification des Apocynacees XIX. Le retinacle des Echitoiées (Bull. Soc. Bot. Fr. 95, 1948, 211-216).  
Tribes are re-defined; *Amphineurion*, a section of *Aganosma* is raised to the rank of a genus.
- Pichon, M.: Classification des Apocynacées XXII. Supplément aux 'Landolphiinae' (Bull. Mus. Hist. Nat. Paris II, 20, 1948, 549-553).  
New Key to genera.
- Pichon, M.: Classification des Apocynacées XXVI. Détermination des échantillons fleuris de Plumérioides (Bull. Mus. Nat. Hist. Nat. II, 21, 1949, 140-146).
- Pijl, L. van der: Waarom regenboom? (Chron. Nat. 105, 1949, 27-28).  
In certain cases young foliage of *Samanea saman* exudes a carbohydrate containing juice through extrafloral nectaria. This

might explain the name rain tree.

- Pijl, L. van der: Botanische notities over een bezoek aan Anak Krakatau in Augustus 1949 (Chron.Nat. 105, 1949, 283-285).  
The new islet in Sunda Strait was quiet since 1939. List of new invaders among which coconut.
- Polak, B.: Landbouw op veengronden (Landbouw 20, 1948, 1-50).  
Report on a visit to the agricultural peat soils of the U.S.A. Conclusions for Indonesian peats.
- Polak, B.: De Rawa Lakbok. Een eutroof laagveen op Java (Landbouw 21, 1949, 178-222, 5 fotos, map).  
Analysis and description of the peat, its vegetation, drainage, agriculture and its possibilities for growing crops.
- Puri, V.: On the structure and nature of the corona in certain species of Passifloraceae (J. Ind. Bot. Soc. 27, 1948, pp. 130-149).
- Quisumbing, E.: Vandas of the Philippines (Philip. Orch. Rev. 2, 1949, 8-15, 4 fig.).  
Short descriptions and keys of 7 spp.
- Quisumbing, E.: A new Dendrobium from the mountain province (Philip. Orch. Rev. 2, 1949, 3-5, 1 pl.).  
Diagnosis of *D. sanderae* Rolfe var. *parviflorum* Anschütz (Orch)
- Rao, T. Gopaul: A note on the occurrence of a hermaphrodite flower in coconut (Cocos nucifera L.) (J. Ind. Bot. Soc. 27, 1948, 208-210).
- Santapau, H.: Notes on the Gesneriaceae of the Bombay Presidency (J. Bomb. Nat. Hist. Soc. 48, 1949, 489 seq.).  
Keys and notes.
- Sastroamidjojo, Seno: Obat asli Indonesia. Batavia 1948, pp. 375.  
Book on medicinal plants and their uses of Indonesia. The book is written in Indonesian language. Species arranged alphabetically by vernacular names. No cross indexes. Bibliogr.
- Schlittler, J.: Die systematische Stellung der Gattung Petermannia F.v.M. und ihre phylogenetischen Beziehungen zu den Luzuriagoideae Engl. und den Dioscoreaceae Lindl. (Vierteljahrschr. Naturf. Ges. Zürich 94, 1949, 1-28).  
Anatomical and morphological evidence that *Petermannia* belongs rather to the *Liliaceae-Luzuriagoideae* than to *Dioscoreaceae*.
- Schuster, W.H.: De mangroven uit het visserijressort Soerabaja (Landbouw 20, 1948, 173-177).  
Importance of mangroves in the fishponds near Soerabaja E. Java, as green manure, dike protection etc.
- Schuster, W.H.: Over het voedsel van de bandeng (Landbouw 21, 1949, 237-258, summary).  
Discussion of algal food of the bandeng fish (*Chanos chanos* Forsk.).
- Shaw, H.K. Airy: Aglaia kunstleri King (Meliaceae) a species delenda (Kew Bull. 1949, 166).  
Readjustment of this sp. which was based on different elements.

- Shaw, H.K. Airy: Additions to the Flora of Borneo and other Malay Islands XXI. The Oxford University Expedition to Sarawak, 1932: Flacourtiaceae, Tiliaceae, Sterculiaceae, Elaeocarpaceae and other smaller groups. (Kew Bull. 1949, p. 157-165).  
Incl. new spp. in *Hydnocarpus*, *Microcos*, *Elaeocarpus*, *Sterculia*, *Celastraceae*, *Leeaceae*, *Vitaceae* and various valuable reductions to synonymy.
- Shaw, H.K. Airy: Chydenanthus excelsus (Bl.) Miers in Burma and the Andaman Islands (Lecyth.) (Kew Bull. 1949, 152).  
Revised synonymy and distribution.
- Shaw, H.K. Airy: Additions to the Flora of Borneo and other Malay Islands XX. The Myrtaceae of the Oxford Expedition. (Kew Bull. 1949, 117-125). In *Syzygium*, 4 n.spp. and several new comb. key to the *Aphanamirtus* group.
- Sealy, J.R.: Species of Sarcococca in cultivation (Journ. Roy. Hort. Soc. 74, 1949, 301-306).
- Sewandono, R.: Veredeling van bosbomen (Tectona 39, 1949, 1-95, summary).  
Introduction to the genetics and breeding of trees.
- Soeparma Satiadiredja, R.: Propagation by cuttings of some tropical plants (Chron. Nat. 15, 1949, 15-19).  
Growth substances promoted root formation in 80 % of the cases in several plants cultivated in the Bot. Gard. Buitenzorg.
- Steenis, C. G. G. J. van: Reinier Cornelis Bakhuizen van den Brink Sr. In memoriam (Bull. Bot. Gard. Buitenzorg III, 18, 1949, 1-4, portr.).  
Brief biography, incl. bibliography.
- Steenis, C. G. G. J. van: De Flora Malesiana en haar betekenis voor de Nederlandse botanici (Vakbl. v. Biol. 29, 1949, 24-33, 2 fig.).  
Outline of the Flora Malesiana project; rhythm in the progress of botanic knowledge in tropical floras.
- Steenis, C. G. G. J. van: Verslag van de werkzaamheden verricht voor de Flora Malesiana in 1948. Jan. 1949, 17 pp.  
Stencilled official Report containing a list of all co-operators.
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