

VI. FAR-EAST WARTIME PUBLICATIONS ON MALAYSIAN PLANTS II

(cntd. from p.47).

Tuyama, T.: On Rumphius's "Arbor ovigera and the related species, with reference to Hernandia sonora (Bull. of the Sigenkagaku Kenkyussyo, vol.1, no.1 (1943) 27-44, 4 fig. 2 pl.).
The original is in Japanese, but there is a detailed extract in English and Latin. Description of a new species H. labyrinthica from Rota Isl., Mariannes; the original Rumphian plant typifies H. ovigera; a new name H. javanica is proposed for the Javanese plant described by Meisner.

Nakai, T.: Nova Flora Japonica. Ardisiaceae. Tokyo & Osaka, 1943. 170 pp. 42 fig.
The book is written in Japanese, except for the literature citations; new entities are described in Latin. Nomenclature deviates widely from the usual one.

Symington, C.F.: Foresters' Manual of Dipterocarps. (Malayan Forest Records no.16. Kuala Lumpur, 1943. XLIII + 244 pp. 114 textfig.).

A work of usual interest on the Dipterocarpaceae of the Malay Peninsula in which wide modern concepts are applied. Descriptions are appended by characteristics and qualities of the wood structure. Several keys are given, viz based on bole and bark characters, one on flowers, one on fruits. Additional interesting chapters are given on the geography and floristics, the ecology, and specific delimitation. In Shorea 56 species are recognized, in Parashorea 3, in Pentacme 1, in Hopea 30, in Balanocarpus 1, in Dipterocarpus 31, in Dryobalanops 2, in Anisoptera 7, in Vatica 20, in Cotylelobium 2, making a total of 153 species excl. 4 not named entities. The work was printed in the absence of its author but published as it was outlined in its final form in 1940. The author, Colin Fraser Symington, has never seen his book in print; his unexpected and lamented death in Nigeria, 1943, is a very heavy loss to Malaysian botany.

Watanabe, K.: "Illustrated Common Medicinal Plants of the Southern Regions. In Japanese. Penang 1942, small oct., 700 plates, index.

A rather good atlas of a great number of (mostly common) Malaysian plants. Plate 16 is named wrongly; it does not represent Erechthites hieracifolia, but Gynura crepidioides Bth.

Watanabe, K.: "Atlas of Medicinal Plants". Singapore 1942, folio, 170 pl.

Mostly treating products of the Malay Peninsula. In Japanese.

Wit, H.C.D.: An introduction to the Botanic Gardens, Buitenzorg (Java). ('s-Lands Plantentuin te Buitenzorg). April 1942, 62 pp. 1 map, 15 fotogr.

Popular guide to the Botanic Gardens, Buitenzorg, with a short outline of the history of the Gardens, the significance of scientific research, a list of works published by the Gardens, and a list of economic plants cultivated in the Gardens.

Slooten, D.F. van: The Botanic Gardens, Buitenzorg, Kebon Raja, Bogor. A short survey of its institutes and Organization. May 16th, 1942, small oct. 29 pp.

Survey of the coordination of the institutes which together represent "'s-Lands Plantentuin", an outline of the activities and a list of desiderata for future research.

Nakai, T.: "Guide to the Botanic Gardens". Buitenzorg, Nov. 1943.
30 pp. 3 maps, 32 photogr. In Japanese.
Concise popular guide; the text teems with printing
and other errors.

Huitema, W.K. & H.V.A. van Heeteren: The economic at Bogor.
Guide and outline of the most important crops. Contr. 1
of the Gen. Exp. Stat. Buitenzorg. Buitenzorg, 1943, large
oct., 138 pp. 1 map, 17 photogr.
A modern valuable guide to the "Cultuurtuin" (Economic
Gardens) at Buitenzorg, belonging to the General
Experiment Station, with plants listed under categories
of industrial importance.

Annales of the Botanic Gardens, Buitenzorg, hors série.
In 1943 (2603) some manuscripts prepared by Netherlands
botanists before the war were printed in the shape of
the Annales, representing part 1 of a new series.
For the taxonomy of Malaysian botany one of these
articles is very important, being the final contribution
to Malaysian pteridology by the late Dr O. Posthumus, viz:

Posthumus, O.: Malayan Fern Studies III. The ferns of the
Lesser Sunda Islands. l.c. p. 35-113.
Introduced by a historic survey, a complete list of
literature, remarks on the climate of these islands and an
critical enumeration of all species of Pteridophytes
recorded from the islands, making a total of
290 species.

Bulletin of the Botanic Gardens, vol. 17, part 2 was issued at
Buitenzorg, April 1942, and contains pp. 209-272 of the
volume. It contains three papers, viz:

Croizat, L.: Notes on the Euphorbiaceae III, l.c. p. 209-219.
The summary runs: Sauropus Bl., Breynia Forst., and
Gelonium Willd. are illegitimate names which should be
rejected in favour of Arachne Neck., Melanthes Bl. and
Suregada Willd. Aporosa Bl. is proposed to conserve
against Aporosa Bl.

Slooten, D.F. van: Sertulum Dipterocarpacearum Malayensium III,
l.c. p. 220-255, fig. 21-36.
This paper deals mostly with Vatica; one new Bornean
species of Shorea is described. In Vatica subg. Isauxis
6 species are discussed and two new spp. are described.
Of Vatica subg. Synaptea a key is given for the 19
Malaysian spp., 5 new spp. are described.

- Wit, H.C.D.de: Conspectus of the genus Archidendron, l.c.
p. 256-272.
The genus is again defined and delimited against Pithecellobium; 32 spp. are recognized and keyed out. Several species are reduced and two new ones from the Moluccas are described.
- Polak, B.: The Rawah Lakbok (South-Priangan, Java).
Investigation into the composition of an eutrophic, topogenous bog. Contrib. Gen.Exp.Stat.Buitenzorg no.8 (1943) 44 pp. 9 fig.map).
Topography, geology, climate, origin of the bog with an analysis & identification of the peat.
- Toxopeus, H.J.: The variability and origin of Ceiba pentandra (L.) Gaertn. the kapok tree. Contrib. Gen. Expe. Stat. Buitenzorg no. 13, 1943, 19 pp. 5 fig.
Concise report of the author's observations on the variability of the kapok tree; the Javan variety has few dominants in comparison with the African forms, and a supposed early import through Africa seems probable.
- Backer, C.A.: Onkruidflora der Javasche suikerrietgronden. Atlas. Part 14 of this valuable work containing plates 417-448 was issued May, 1940; part 15 (plates 449-480) was issued Oct. 1941.
- Hatusima, S.: A revision of the Asiatic Buxus (Journ. Dep. Agric. Kyushu Imp. Univ. 6 (1942) 261-342, pl. 16-27.
Unfortunately Malaysian Buxus is not included.
- Philippine Journal of Science volume 76, 1941-1947.
The following papers on Malaysian plants are of importance:
- Merrill, E.D. & L.M. Perry: A summary of Kentochrosia Laut. & K. Schum. (Philip. J. Sc. 76 (1941) 19-22).
- Copeland, E.B.: Miscellaneous ferns of New Guinea. (Philip. J. Sc. 76 (1941) 23-26).
- Quisumbing, E.: Studies on Phalaenopsis II. (Philip. J. Sc. 76 (1941) 81-98, 9 pl.).
Deals with P. gertrudae Quis., P. intermedia Lindl., P. leucorrhoda Rchb.f., P. schilleriana Rchb.f. and P. stuartiana Rchb.f.

Quisumbing E.: New or interesting Philippine plants II.
(Philip.J.Sc.76 (1944) 193-212).
Records of a number of new names and new combinations
of Philippine Island plants, incl. several new species.