

XIII. BOOK NOTICES

Barrett, C.: Wild life of Australia and New Guinea. 229 pp.,
ill., 1955.

Describes in a fascinating and not too technical
manner the life stories of animals of Australia,
New Zealand and New Guinea.

Bor, N.L.: Manual of Indian forest botany. 441 pp.

A systematically planned treatise with keys to the
genera and species to be found in India and Burma,
with descriptions of their economic uses.

- - - & M.B. Raizada: Some beautiful Indian climbers and
shrubs. viii + 286 pp., 31 col. & 99 half-tone pl.
154 text-figs, 8vo, cloth, Bombay 1954.

A new book based on a series of articles published
in journal of the Bombay Natural History Society
between 1939 and 1948; forms a supplement to
Blatter and Millard's "Some beautiful Indian
Trees".

- Crocker, W. & L.V. Barton: Physiology of seeds. An introduction to the experimental study of seed and germination problems. xviii + 267 pp. 7 ill. (Pl. Sci. Books, 29).
The only modern work in English on seeds, their germination, and related problems. A memoir of great interest to research and practical workers in agronomy, botany, and horticulture
- Dames, T.W.G.: The soils of East Central Java. Contr. General Agric. Research Station, Bogor, no 141, 155 pp., fig. 1-67, 80, col. map 1: 250.000, cloth, 1955. Kolff, Djakarta.
A beautiful, detailed soil survey which can serve as a model for subsequent ones. With chapters on geology, climate, natural vegetation, land use, erosion, irrigation, fertilizers, soil genesis; the map is a result of surveys carried out between 1928 and 1942.
- Fanshawe, D.B.: The vegetation of British Guiana. A preliminary review. Imp. For. Inst. Oxford Inst. Paper no 29. 1953.
- Gicklhorn, G. & L.: Georg Joseph Kamel S.J. (1661-1706). Veröff. Intern. Ges. Geschichte Pharmazie N.F. 4 (1954) 1-123, 14 Abb. (secret. G. Wartenberg, Eutin-Neudorf, Plönerstrasse 184, Holstein, Deutschland).
A rather exhaustive detailed biographic study of the work of Kamel as pharmacist, botanist, physician, and natural scientist in the Philippine Islands on the basis of documents and letters. A separate chapter deals with the herbarium sent by Kamel to John Ray, drawings, descriptions, and herbarium sent to Pétiver and his correspondence with John Ray; account of kamel's specimens in Herb. Sloane.
- Gleason, H.A.: The new Britton & Brown Illustr. Flora of the NE. U.S. and adjacent Canada. 3 vols. 1952.
- Goldschmidt, R.: Theoretical genetics. 1955.
- Grümmer, G. (Greifswald): Die gegenseitige Beeinflussung höherer Pflanzen. Fischer (Jena), 162 pp., 52 fig., 80, 1955.
- Harrison, J.Heslop: The modern approach to taxonomy. viii + 135 pp., London 1953 (Cf. Kew Bull. 1954, 64, refer.)

- Henderson, M.R.: A preliminary survey of some genera of Meliaceae. Folio, mimeogr., recd. Nov. 1954, 78 pp.
Critical notes, descr. & citation of specimens in the genera Amoora, Chisocheton, Dysoxylum, Aglaia, Walsura, and Megaphyllaea in the Malay Peninsula. There are no keys and no new names or novelties.
- Keith, H.G.: Preliminary list of North Bornean Trees and vernaculars. North Borneo For. Rec. no 2 (2nd ed.) Hongkong (1952) 528 pp.
An extended, very useful list, arranged by vernaculars and by generic names.
- Kugler, H.: Einführung in die Blütenökologie. 278 pp., 240 fig., 10 pl., 1955.
- Lawrence, G.H.M.: Taxonomy of vascular plants. The MacMillan Co. New York. 1951, i-xiii, 1-823, 321 fig. \$ 9.-
A good introduction to systematics, restricted to vascular cryptogams, ferns, gymnosperms and Angiosperms. Principles of classification, structure, nomenclature, etc. Descriptions of families, mostly those which are valuable to the North American botanists, each with some figures, and with a reference list of the most important literature.
- Little, Jr, E.: Check list of native and naturalized trees of the United States (including Alaska). U.S. Dep. Agric. Agric. Handbook 41, 1953, 472 pp.
- Lundqvist, E.: In Eastern Forests. Transl. by F.H. Lyon. 1955. 210 pp.
Indonesia and New Guinea seen by a white man, who is married to a Javanese wife and who is a Muslim himself.
- Robijns, W. (ed.): Flore du Congo Belge. vol. 6 (1954) 426 pp.
Diverse authors of separate groups bring Papilionaceae to an end. The volume bears the usual magnificent style.
- Täckholm, V. & M. Drar: Flora of Egypt. vol. iii (1954) 644 pp. (Bull. Fac. Sc. no 30, Cairo Univ.).
The following families have been lavishly treated in this monumental compilation: Liliaceae, Amaryllidaceae, Dioscoreaceae, Iridaceae, and Musaceae.

Troll, W.: Ein Lehrbuch auf vergleichend-biologischer Grundlage. 2nd ed., 749 pp., 597 ill., 1954.