

BOTANY

53. Vol. I. By W. B. Hemsley, with a Commentary on the Introduction and Appendix by Sir J. D. Hooker.

This volume contains the enumeration of the Polypetalæ, Ranunculaceæ-Araliaceæ, which was issued in 1879-1881; the Preface, Introduction, and 'Commentary' appeared in October 1888, on the completion of the entire subject. In the Introduction, pp. ix-lxi, Mr. Hemsley deals with geographical distribution under the following headings: (1) Statistics of the Phanerogamic Flora of the World; (2) Statistical Comparison of the Floras of large and widely separated Areas; (3) Generic and specific Composition of the Floras of different Areas; (4) The Distribution of some of the largest Natural Orders; (5) The Primary Botanical Regions of the World considered in their Relations to the Zoological Regions; (6) Comparison of the Zoological with the Botanical Regions; (7) Outlying Australian Types of Vegetation; (8) Botanical Division of the Earth into Primary Regions. Sir J. D. Hooker in his 'Commentary on Mr. Hemsley's Introduction and Appendix to the Botanical Part of the *Biologia Centrali-Americana*' (pp. lxii-xlviii) also gives his own views on the Botanical Kingdoms, under these headings: (i.) The North Temperate Kingdom of the Old World; (ii.) The Tropical Kingdoms of the Old and New World; (iii.) The three Southern Temperate Regions (Extratropical America, Africa, and Australia).

54. Vol. II. By W. B. Hemsley.

The Gamopetalæ, Caprifoliaceæ-Plantagineæ, are dealt with in this volume.

55. Vol. III. By W. B. Hemsley; the *Cycadaceæ* by W. T. Thistelton-Dyer.

The Incompletæ, Monocotyledones, and Cryptogamic Vasculares, Nyctaginæ, Rhizocarpæ, are enumerated in vol. III. The *Cycadaceæ*, pp. 190-195, were studied by Mr., now Sir W. T. Thistelton-Dyer, and his portion of the subject was issued in 1883.

56. Vol. IV. By W. B. Hemsley.

This volume, the last of the series, exclusive of that occupied by the plates, includes: (1) The Supplement to Vols. I.-III.; (2) The Enumeration of a small Collection of Plants made in Cozumel Island in 1885; (3) A List of Plants from Holbox, Mugerres, Cozumel, and Ruatan Islands made in 1886; (4) Additions to the List of Costa Rican Ferns, bringing the number up to 134; (5) Appendix. The Appendix deals with a variety of subjects: (i) Preliminary Remarks; (ii) A Sketch of