

50. **Neuroptera.** By A. E. Eaton and P. P. Calvert. *Pp.* xxx, 420, *with map, 8 plain, and 2 coloured plates.* £2 10s net

The Rev. E. A. Eaton's account of the Ephemeridæ, based upon very few specimens, was published in 1892; that of the Odonata by Prof. P. P. Calvert, with abundant material, in 1901-1908. Altogether 308 species are enumerated: Ephemeridæ 32, and Odonata 276. Prof. Calvert's Introduction, pp. v-xxx (published in 1908), mainly consists of two Tables: (A) "Alphabetical List, by countries, of the localities in which the Odonata were collected," and (B) "Systematic list and distribution of the species and varieties," 293 in all; and a coloured map to show the actual distribution of mean annual temperatures. Table A gives the name of the Department, Territory, or State to which each locality belongs, the elevation of these places in metres and feet, the names of the collectors, the dates of capture, general remarks, &c. Table B shows the geographical distribution and the temperature zones in which the species occurs in each country, this being further illustrated by the map.

The ten plates contain figures of 178 species, all but nine appertaining to the Odonata.

51-52. **Orthoptera.** By A. de Bormans, A. Pictet, H. de Saussure, L. Zehntner, L. Bruner, A. P. Morse, and R. Shelford. 2 vols., *pp.* x, 458, viii, 412, *with 24 plain, and 6 coloured plates.* £5 net

Vol. I. *Forficulidæ* by A. de Bormans; *Blattidæ*, *Mantidæ*, *Gryllidæ*, and *Locustidæ* by Henri de Saussure, assisted by Leo Zehntner and A. Pictet. Five families of Orthoptera are dealt with in this volume: the Forficulidæ by Count de Bormans (published in 1893), and the Blattidæ, Mantidæ, Gryllidæ, and Locustidæ by de Saussure (published in 1893-1899). The Introduction, including the systematic list of species figured, was issued in 1900, when vol. II. of this subject was commenced. De Saussure, in his enumeration, also considered it necessary to describe, notice, or figure various allied South-American or Antillean forms. Under the heading to each family, tribe, &c., he deals with the general classification of the Neotropical fauna, and gives synopses of the genera, and under the genera themselves dichotomous keys to the species. The total number of species recognized as belonging to Central America is 633, of which 224 are new: Forficulidæ 41 (8 new), Blattidæ 156 (60 new), Mantidæ 61 (33 new), Gryllidæ 102 (43 new), Locustidæ 273 (80 new).

The twenty-two plates include figures of 310 species.

Vol. II. *Acrididæ* by Lawrence Bruner (the subfamily *Tettiginæ* by A. P. Morse); *Phasmidæ* by R. Shelford. This volume includes the enumeration of the two remaining families of the Orthoptera. The Phasmidæ should have been placed between