

# BIOLOGIA CENTRALI-AMERICANA.

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## ZOOLOGIA.

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### Class INSECTA.

### Order NEUROPTERA.

### Fam. EPHEMERIDÆ\*.

Materials for the account here given of the Ephemeridæ or Mayflies of Central America have been derived from the undermentioned collections and museums:—The collections of Messrs. Godman and Salvin, R. McLachlan, Baron E. de Selys-Longchamps; and the Museum of Comparative Zoology, Cambridge, Mass., the British Museum, and those of Brussels and of the Jardin des Plantes at Paris. These have yielded representatives of fourteen named and two unnamed genera, and nineteen named and thirteen unnamed species: total sixteen genera and thirty-two species, excluding a specimen of no account. Eight species are described as new.

Most of the genera of Ephemeridæ represented in the Central-American fauna have an extended range. About one-third of the number have been observed only in America, and two (including an unnamed genus) have not been found outside our limits. Particulars concerning their geographical range are given under the head of each genus; but it should not be forgotten that the distribution of Mayflies inhabiting tropical and subtropical countries is a subject with regard to which very little is known.

The following Table (p. 2) shows the number of species that are now known from Central America, and in what portion of that country they have occurred.

The genera are here classified in accordance with the plan adopted in "A Revisional Monograph of Recent Ephemeridæ or Mayflies," in the Transactions of the Linnean Society of London, 2nd series, Zoology, iii. (1883–1888), cited as 'Eaton, Rev. Mon. Ephem.'

An analytical key to the genera and larger divisions of the family will be found in that volume, commencing at p. 309.

\* By A. E. EATON.