

III. CONTRIBUTIONS TO A KNOWLEDGE OF THE ODONATA OF THE NEOTROPICAL REGION, EXCLUSIVE OF MEXICO AND CEN- TRAL AMERICA.

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In the collections which various museums loaned to me for study as material for the account of the Odonata lately published in the "*Biologia Centrali-Americana*," many species were represented, which do not form part of the Mexican-Central-American fauna, as far as we know. The present paper deals especially with these species, but does not pretend to give a complete list of Neotropical Odonata. Different groups have been treated with different degrees of fulness for various reasons, and the title of the paper, it is believed, exactly expresses its scope. Some of the "*Biologia*" records also have been repeated in order to add further information which lay outside the limitations of that group.

The largest part of the material here dealt with is the property of the Carnegie Museum of Pittsburgh, to the Director of which, Dr. W. J. Holland, I am indebted for the opportunity of studying it. Other parts come from the U. S. National Museum, thanks to Dr. L. O. Howard and the late Dr. W. H. Ashmead; from the Museum of Comparative Zoölogy, Cambridge, Mass., thanks to Mr. Samuel Henshaw; and from the Academy of Natural Sciences of Philadelphia, where Dr. Henry Skinner has given me the freest use of the Odonate collections. The original sources of these various collections are given below.

In the citation of previous literature the usual but not invariable rule has been to give no references, if Mr. Kirby's Catalogue of Odonata (1890) quotes all the important descriptions of a given species. If some later work deals with a species more fully, or gives the specific bibliography more completely, that work has been quoted.

The Comstock-Needham terminology of the wing-veins has been used, but, in order to facilitate comparisons with the older descrip-