

SYNOPSIS OF THE ODONATA OF AMERICA. BY DR. H. A. HAGEN.

Since the publication of my Synopsis by the Smithsonian Institution, in July, 1861, I have endeavored to prepare a new and more complete edition. The material contained in American collections has been carefully studied and compared with that in my collection, as a preparation for a complete monograph with detailed descriptions and plates. At present its publication is impossible, but I think that a complete list of all species hitherto described or known to me may help students considerably, as a few works contain nearly all the descriptions, and are in the hands of every one interested in the study of the Odonata. There are a few species given only by names, but the descriptions of these are ready, some even have been so for years, and will be published at an early date. The list of localities will be found augmented very considerably, chiefly for North American species. As in my former work, I give South American species in a separate list, and all others, including those from Central America, Mexico and the West Indian Archipelago, together in the list of the species of North America. This is done, of course, for convenience, and because that the larger part of the species of Central America, Mexico, and the West Indian Islands are to be found in Texas and in the southern parts of the United States, chiefly in Florida, some as far north as Georgia.

The synonymy is given as completely as possible. The opportunity to study several types of Thomas Say in Harris's collection, and the types of S. H. Scudder and Ph. R. Uhler, has been granted to me, and has much assisted my work.

Four hundred and eighty species are now enumerated, instead of three hundred and sixty-seven in the former work. The subfamily of the Agrionina has been omitted, as the Synopsis of the subfamily by Baron De Selys Longchamps is in the way of publication.

Subfamily CALOPTERYGINA.

CALOPTERYX.

1. *Calopteryx angustipennis*, ♂, ♀.

Sylphid angustipennis Selys! Monogr., 21, 2; Syn., 9, 2.—Walk. Cat., 590, 2.—Hag.! Syn., 56, 1; Stett. Z., xxiv, 372, 24; Proc. Bost. Soc. Nat. Hist., 363, 51.