

II. *Notes on Odonata, of the subfamilies Corduliina, Calopterygina, and Agrionina (Légion Pseudostigma), collected by Mr. BUCKLEY, in the district of the Rio Bobonaza, in Ecuador. By R. M'LACHLAN, F.R.S., &c.*

[Read February 2nd, 1881.]

IN 1878 this Society did me the honour to publish (Trans. Ent. Soc. Lond., 1878, pp. 85—94) a short paper on *Odonata*, of the subfamily *Calopterygina*, collected by Mr. Clarence Buckley, chiefly at Intaj (or Intac) in Northern Ecuador. Upon his return to England last year, I obtained from him a considerable collection of *Odonata*, many of them most interesting and certainly new. These came from the district of the Rio Bobonaza, a tributary of the Rio Pastaza, and situated in the forest region east of the Andes. The effect of differing local conditions is most markedly shown in this latter collection, for in the *Calopterygina* (and also in other subfamilies) scarcely any of the species forwarded in the former small collection are represented in the present larger one.

It is at present not possible for me to give an analysis of the whole of the collection, and I have restricted the subject of this paper to the groups mentioned in the heading.

It will be noticed that a not inconsiderable number (considering the amount of materials) of new forms are described, and some of them are of great beauty. With regard to some of the *Calopterygina* a well-known, and ever-increasing, difficulty asserts itself, viz., that of deciding what should constitute a species, and what a "race" or variety. The insects of this subfamily prove themselves especially plastic, so far as local modifications are concerned, and it is highly probable that each elevated valley of the mountainous regions of tropical America may possess its own peculiar form of one root-species, if I may be allowed the term, just as has been already noticed in butterflies, although the aquatic habits of dragonflies in their preparatory stages do not so greatly isolate them. The beautiful genus *Thore*, is