

XI. *Descriptions of a new genus and four new species of Calopterygidae, and of a new genus and species of Gomphidae.* By R. McLACHLAN, F.L.S., Sec. Ent. Soc.

[Read 2nd May, 1870.]

IN the course of an arrangement, which I have recently completed, of the *Odonata* belonging to the family *Calopterygidae* in the collection of the British Museum (with which is incorporated that of Mr. Wilson Saunders), I found, among others, the four new species herein described, one of which forms the type of a new genus. And I have added a remarkable new form of *Gomphidae*, from my own collection, pertaining to the singular genus *Petalia*, taken in its broad sense. The species described are as under:—

CALOPTERYGIDÆ.

<i>Psolodesmus</i> (n. g.) <i>mandarinus</i>	.	.	Amoy.
<i>Euphœa compar</i>	.	.	Amoy.
<i>Micromerus bisignatus</i>	.	.	Celebes.
<i>Chalcopteryx scintillans</i>	.	.	Upper Amazons.

GOMPHIDÆ.

<i>Hypopetalia</i> (n. g.) <i>pestilens</i>	.	.	Chili.
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Fam. CALOPTERYGIDÆ.

PSOLODESMUS, n. g.

Belonging to the "Legion" *Calopteryx* (De Selys). Form of *Calopteryx* (sens. strict.). All the wings provided with a large, subquadrate, dilated pterostigma; quadrilateral slightly convex on its upper margin, and slightly dilated at its extremity; basal space empty; arculus angulate; inferior branch of the second sector of the triangle running obliquely into the inner margin in an unbroken line; all the sectors much ramified and curved at their extremities (in other words, there are 5-6 supplementary sectors between each leading one). First joint of antennæ very short. Legs with very long spines. (♂.)