

Drepanepteryx falculoides, Walker, is closely allied to *D. phalænoides*, but distinct.

Hemerobius decisis, Walker, might be placed provisionally in *Megalomus*; but it will form a distinct genus, which I propose to call NEURONEMA, of which I will say more hereafter, giving here the following preliminary diagnosis:—*Alæ anticæ sectoribus (in N. deciso) tredecim, quorum sex e radio emittuntur, reliqui ex uno illo parallelo.*

H. setulosus, Walker, is a true *Megalomus*.

H. tasmaniæ, Walker, is a *Micromus*; I have seen it from several parts of New Holland, and possess two individuals from New Zealand, which differ only in the rather greater amount of spotting on the veins, and with these more strongly ciliated; a comparison of an extensive series from both quarters will be requisite to prove the identity or distinctness of the two forms.

Lewisham, May, 1869.

DIAGNOSES OF THREE NEW SPECIES OF CALOPTERYGINA.

BY R. McLACHLAN, F.L.S.

As Baron de Selys-Longchamps is about to publish a second additional Synopsis of the Dragon-flies belonging to this family, I take the opportunity of diagnosing three beautiful undescribed species from my own collection, as under:—

SAPHO ORICHALCEA, n. sp.

S. viridis, metallica, infra (cum pedibus) nigra. Alæ latæ, ad apicem rotundatæ; posticæ (præcipue in maris) valde dilatatæ: in ♂ adulto nigræ, opacæ, orichalceo-micantes, nigro-venosæ, venâ costali viridi, metallicâ; pterostigmate nigro: in ♂ immaturo fuliginoso-sub-hyalinæ, orichalceo-micantes; pterostigmate flavo: ♀, sub-hyalinæ, flavo-brunneo-tinctæ; fasciâ medianâ, cuneiformi, paullo curvatâ, flavescenti, vel (immaturâ) albidâ; pterostigmate flavo, nigro-circumcincto.

Long. abdom. ♂ 24''. ♀ 22''; *exp. alar. ♂ 41''.* ♀ 37'',

Hab. Africa occidentali (et Madagascar?).

Remarkable for the very broad wings, and for the transverse fascia of all the wings in the ♀, which is placed immediately after the nodus, and is broadest on the costa. I have not seen an example with the abdomen in good condition. In my own collection from Fernand Vas, West Africa, almost on the equator; in De Selys' collection from Old Calabar; and in that of the British Museum (a pair from Mr. Saunders) labelled "Madagascar," but this locality seems very doubtful. The