

of Atitlan. Its nearest ally, so far as we know, is *L. euopis*, of Costa Rica, but it may at once be distinguished by the blue base of the secondaries in the male. The only other species with which we are acquainted that have blue on the wings are the Colombian *L. samius* and *L. cæruleata*, but these are not otherwise allied.

PEDALIODES (I. p. 102).

Pedaliodes manis (I. p. 103).

To the localities given, add:—PANAMA, Volcan de Chiriqui, David (*Champion*).

Of this species we have received six additional specimens from Chiriqui.

Pedaliodes pisonia (I. p. 103).

To the localities given, add:—MEXICO, Jalapa (*coll. Schaus*), San Bartolo in Vera Cruz 5000 feet (*F. D. G.*); GUATEMALA, Volcan de Atitlan (*Champion*); PANAMA, Volcan de Chiriqui (*Champion*).

Pedaliodes perperna (I. p. 104).

? *Pronophila mycalesoides*, Feld. Reise der Novara, Lep. p. 473 (1867)³.

Pedaliodes mycalesoides, Grose-Smith, Rhop. Exot. ii. part 33, Satyridæ, *Pedaliodes*, iii. p. 10, tab. f. 3 (♀) (July 1895)⁴.

To the localities given, add:—PANAMA, Volcan de Chiriqui, Boquete (*Champion*).—COLOMBIA^{3 4}.

We have now received a long series of this species from Chiriqui. The females differ from the males in having a broad fulvous band of variable extent, including the ocellus, towards the outer margin. The males are of an almost uniform reddish-brown colour above, with a more or less distinct ocellus near the anal angle of the primaries. In all our specimens, both from Central and South America, there is a distinct white subapical spot on the primaries beneath, as noticed by Hewitson. Mr. Grose-Smith⁴ has figured a specimen of it from Costa Rica under the name of *P. mycalesoides*, Feld., the type of which we have not seen.

Pedaliodes hulda (I. p. 104).

To the localities given, add:—PANAMA, Volcan de Chiriqui 8000 feet (*Champion*).

Amongst the specimens received from Chiriqui there is one with the red on the secondaries beneath almost absent.

5 (A). **Pedaliodes subrufescens**.

Pedaliodes subrufescens, Grose-Smith, Rhop. Exot. ii. part 33, Satyridæ, *Pedaliodes*, iii. p. 12, tab. f. 5 (♂) (July 1895)¹.

Alis brunneis vix ferrugineo tinctis: subtus quoque brunneis, posticis extrorsum late ferrugineis, lineis tribus
BIOL. CENTR.-AMER., Rhopal., Vol. II., May 1901.