

## STUDIES IN AUSTRALIAN TABANIDÆ

BY

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The following paper is the result of an examination of the Tabanidæ in the Australian Museum, Sydney, which comprises one hundred and twelve specimens representing forty-six species and four varieties referable to seven genera.

Twelve species and four varieties are described as new, while the males of *Erephopsis cinerea*, Ricardo, *Diatomineura pulehra*, Ricardo, and *Tabanus postponens*, Walker, are also described for the first time. Notes on previously known forms are added where necessary.

The new species are distributed in the following genera:—*Erephopsis* (two and one var.), *Diatomineura* (three), *Pelecorhynchus* (two), *Silvius* (one), *Ectenopsis* (one var.) and *Tabanus* (four and two vars.).

One synonym is noted and one name is changed, on the grounds of priority, though they have no connection with the material under review.

The type specimens are in the Australian Museum. One paratype is in the Institute Collection.

This paper brings the number of known Australian Tabanidæ to one hundred and eighty-eight species and five varieties, which are distributed in fifteen genera.

I wish to thank the Trustees and Mr. R. Etheridge, Junr., Director and Curator, of the Australian Museum, for giving me the opportunity to study these forms.

### Sub-family PANGONINÆ.

#### PELECORHYNCHUS DISTINCTUS, *sp. nov.*

♀. Length, 14; width of head, 4.5; length of wing, 13.2 mm.

A handsome well-marked species easily identified by its warm black thorax with lateral yellowish-brown stripes; thorax bright orange-rufous with a median black stripe. Legs reddish-yellow, tarsi paler. Wings with dusky brown and orange spots.

*Head.*—Face and cheeks buff, the former very convex, with a short median dark stripe, an almost quadrate brown blotch beneath the stripe and with a larger nude reddish-brown patch on either side of the apex of the middle third, grooves separating face and cheeks deep; pubescence long, mixed black and white, the latter more numerous basally; beard white, dense; front buff, ocellar triangle and base of antennæ dusky brown, pubescence on ocellar triangle black, long; first joint of antennæ black, with long brownish pubescence, second joint yellowish, third joint bright orange-rufous; palpi pale reddish-yellow, second joint with long white pubescence; eyes black, bare; proboscis dark brown.

*Thorax.*—Warm black with a sub-median and lateral pale yellow ochre stripe on each side, the former continued to posterior margin of the scutellum; pubescence black, pale on the sides, white beneath the shoulders, beneath and behind the wing roots; scutellum warm black in the centre, pale yellow-ochre elsewhere, posterior pubescence white on the sides, brownish in the middle; pleuræ black with grey pubescence.