

- Dark-coloured small species . . . . . *bellula*, sp. n.
3. Epistoma much produced; proboscis longer than the femora . . . . . 4.  
Epistoma but little produced; proboscis not longer than the  
femora; greenish species . . . . . *vaga*, Wiedem.
4. Yellowish-red species; mesonotum without black . . . . . *pulchra*, sp. n.  
Yellow species; abdomen banded with black; mesonotum with  
black stripes . . . . . *pica*, Schiner.

### 1. *Phalacromyia pulchra*, sp. n., ♂ ♀.

*Phalacromyia pulchra*, Verrall, in litt.

Translucent amber-coloured. Front narrow; pile black. Antennæ about one third the length of the face, red; the third joint broader at its base, and with a long shallow emargination beyond, less dilated at the base in the female; arista thinly plumose. Face projecting strongly forwards into a long slender cone; the line of the cheeks below forms a gentle curve, and is about as long as the hind femora; in colour more yellowish; on either side a brownish stripe running from the eye to the oral margin. Proboscis long, with long labella. Mesonotum shining red, thinly yellowish- and blackish-pilose; pleuræ a little lighter-coloured; pectus black. Sides of the mesonotum and margin of the scutellum with well-developed bristles. A narrow band on the posterior margin of the second abdominal segment and a broader one on the hind part of the third, due to short black hairs, and more conspicuous in certain lights; the short pile elsewhere is reddish-yellow; the second and third segments have a very narrow brownish hind margin, not due to hair. Legs reddish-yellow; hind tibiæ with a brownish ring. Wings strongly tinged with brownish-yellow, with darker clouds on the cross-vein; marginal cell wide open. Eyes pilose.

Length 11-12 millim.

*Hab.* COSTA RICA, Rio Sucio (*Rogers*).

This insect is evidently closely allied, both in structure and in coloration, to *P. pica* (*picta*?), Schiner, from Colombia, and I at first felt disposed to identify it with that species. The abdomen is short and broad, and has the first and fourth segments very short: it is possible that Schiner may have mistaken the hair-bands for fasciæ of the ground-colour. The length of his four specimens is given at about 8 millim., whereas in these Costa-Rican examples it is nearly 12, and, counting the epistoma, over 13 millim. The proboscis is much shorter than the length of the body; there is no black on the thorax, save on the pectus; and the mesonotum especially is not clothed with "dichte, fuchsröthliche Behaarung."

### 2. *Phalacromyia pica*, ♂.

? *Phalacromyia pica*, Schiner, Reise der Novara, Diptera, p. 355, t. 4. figg. 6, 6 a (*picta*)<sup>1</sup>.

Very like *P. pulchra*, but the colour is light honey-yellow; the mesonotum has three black stripes, the lateral ones interrupted; the second abdominal segment has a narrow black stripe behind, the third segment a broad stripe connected in the middle with the black of the second, and the fourth segment has a deep black diamond-shaped spot extending to the front margin. The wings are light yellow, with a large blackish cloud at the distal end and brown clouds on the cross-veins. The legs are light yellow, with a black ring on the hind tibiæ.

Length 9 millim.

*Hab.* MEXICO, Misantla (*F. D. Godman*).—SOUTH AMERICA, Colombia<sup>1</sup>.

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