A NEW SPECIES OF *TRIGONOMIMA* ENDERLEIN (DIPTERA: ASILIDAE) FROM INDIA

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ABSTRACT

A new species of *Trigonomima* Enderlein, *Trigonomima fuscopoda*, is described from N. E. India and a key to Indian species of the genus is given.

INTRODUCTION

*Trigonomima* Enderlein was recorded for the first time from India by us (1980). Since then we have got another new species, which is described below.

Genus *Trigonomima* Enderlein


Type-species *Trigonomima apipes* Enderlein by original designation.

Key to the Indian species of *Trigonomima* Enderlein

- Legs black and yellow with yellow hairs, aedeagus distinctly trifid ... *anamaliensis* Joseph and Parui
- Legs uniformly dark brown with mixed concolorous and pale hairs, aedeagus not trifid ... *fuscopoda* sp. nov.

*Trigonomima fuscopoda* sp. nov.

A medium sized black species with black legs and wings. Male: length 7 mm, wing 7 mm; female: length 7 mm, wing 7 mm.

Male: Head broader than thorax. Head black, nearly devoid of tomentum, mystax golden yellow; bristles of ocellarium black, upper occiput bare, postocular occiput bearing sparse pale hairs. Antenna black, segments 1 and 2 with dark brown or brown bristles, segment 1 shorter than the following segment, 3 about twice the combined length of segments 1 and 2, terminal segment bearing double bristle like the other members of the genus. Palpi and proboscis black, the former with yellow or pale yellow hairs.

Thorax black with grey tomentum; pronotal hairs sparse, pale and restricted to the sides; mesonotum with the humeri bright orange marked and posterolateral sides yellowish-brown, covering hairs brown and dense posteriorly; scutellum with a transverse row of three median bristles on the disc; mesopleuron and sternopleuron pale haired, metasternal callosity with dark brown bristles. Halteres yellowish-brown.

Legs dark brown with concolorous and pale hairs, pale hairs more or less confined to the ventral side, hairs dense on femur and tibia, some of which on the hind tibia elongate.
Wings black, but lighter distally, venation typical of the genus with four posterior cells.

Abdomen dark brown and black with indistinct grey tomentum, pale hairs present on the sides which become lesser and shorter on posterior tergites. Male terminalia (Fig. 1) lighter than the abdomen.

Female: Similar but with the following differences: in some examples grey tomentum of mesonotum more distinct, humeri without dark orange marking, but in one or two paratypes with dark brown marking, posterolateral marking not so distinct; scutellar bristles three or four.

The only other known Indian species of the genus Trigonomima is T. anamaliensis Joseph and Parui, from which T. fuscopoda sp. nov. differs in the uniformly coloured legs and details of male terminalia.


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