

Subfamily: SMINTHURINAE

Tribe: BOURLETIELLINI

Corynephorja reticulata n. sp. Figs. 8-11

COLOUR: Yellow with a diffuse transverse band of brown across the posterior border of the larger part of the body and some brown elongated spots dorso-laterally on the anal and genital segments. Legs and furcula yellow; antennae purplish-brown; ocellar fields black.

CLOTHING: Sparse, of short simple setae; some very short spine-like setae dorso-laterally on posterior region of larger part of body; numerous short setae posteriorly on anal and genital segments and two very stout clasping setae, one to each side, ventrally on the genital segment of the male (Fig. 11). Three small trichobothria laterally in line on larger part of body, each bearing a medium length bothriotrich.

BODY: Length up to 1.2mm. Antennae four segmented with Ant IV subdivided into 7 subsegments marked by whorls of short sensory setae, the first and last subsegments the longest. Apically Ant IV with retractile papilla and short sense rods (Fig. 8). No other sense organs. Ocelli 8 to each side, 7 peripheral ones being large, subequal and one central one very small. The larger part of the body is somewhat swollen ventro-laterally on each side towards the posterior, otherwise the body has no outgrowths or protuberances. Rami of tenaculum each with 3 barbs; corpus with stout projecting process but no setae. Cuticle of head and of all appendages, especially towards their extremities, clearly reticulated with a fine hexagonal pattern. This pattern clear on ventral and ventro-lateral surfaces of body but obscure dorsally and dorso-laterally where it passes into fine granulations.

LEGS: Claw curved, somewhat sickle-shaped, without any teeth. Unguiculus represented by a stout wavy, apically swollen, bristle finely serrated down its outer edge, heavily chitinized along its inner surface and with a pair of short setae, one to each side of its base. Three very stout, strongly clavate tenent hairs to each foot (Fig. 10). Several very stout, short setae up the tibiotarsis above the "unguiculus".

FURCULA: Manubrium to dens to mucro as 30:30:9. The mucro stout with three small apical teeth and elevated or rising lamellae the outer of which is very finely crenulate (Fig. 9). A long, slender, anterior apical seta to dens.

LOCALITY: In clover pasture, Waddi Forest, West Australia. Collected by M. M. H. Wallace, 12/10/60.

TYPES: Holotype in South Australian Museum. Paratypes: British Museum Natural History, London; Dominion Museum, Wellington, New Zealand; author's collection.

REMARKS: This species brings the total number of known species belonging to the genus *Corynephorja* up to seven, of which five are confined to Australia, one to New Zealand, and one to the East Indies. This new species is quite unlike any of the known forms, being without any of the usual dorsal projections from the body, but it must belong here on account of the structure of the foot.

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