

porrected; facial ridges without bristles; cheeks broad, with some weak pile. Antennæ obliquely projecting; second joint elongate; third joint a little longer and broader than the second, convex on the front side; arista distinctly articulated. Palpi enlarged towards the end. Macrochætæ of the scutellum long, and reaching over the first two abdominal segments. Abdomen elongate-oval, convex; first segment abbreviated; macrochætæ of the second and third segments only at the hind margin; genitalia of the male conspicuous. Legs moderately long; foot-claws and pulvilli elongated in the male. Wings without costal spine; apical cell narrowly opened at a short distance from the tip; curvature of the fourth vein with an acute angle, the vein apparently prolonged by means of a fold on the surface; posterior cross-vein on two-thirds of the apical cell.

From *Schineria*, Rond., and *Demoticus*, Macq., which also have a distinctly jointed arista, this new genus differs by the macrochætæ being absent from the middle of the second and third abdominal segments. Moreover, it is distinguished from *Schineria* by the open apical cell, and by the small cross-vein being placed at a greater distance from the curvature of the fourth vein; and from *Demoticus* by the wings not having a costal spine.

1. **Nemochæta dissimilis**, sp. n., ♂ ♀. (Tab. ~~V~~<sup>II</sup> figg. 18, ♂; 18 a, head in profile.)

Shining bluish-black; in the male the abdomen laterally rufous; head ochraceous; palpi fulvous; antennæ (except the basal joints, which are rufous) and legs black; wings grey, with yellow base.

Length 9 millim.

Head sericeous, pale ochraceous; front more obscure, in the male as broad as, in the female broader than, the eyes; median band narrow, piceous; beard and pilosity of the occiput yellowish. Antennæ black, the basal joints more or less rufous; second joint bristly on the upper part. Proboscis black. Palpi fulvous. Thorax, scutellum, and abdomen shining bluish-black; in the male the sides of the first three segments of the latter (and the central portion of the venter also) are broadly fulvous, somewhat transparent; in the female the abdomen is unicolorous, black. Legs black. Tegulæ and the extreme base of the wings yellow, the wings for the rest with a grey tinge; small cross-vein placed on the middle of the discal cell; apical and posterior cross-veins scarcely curved.

*Hab.* COSTA RICA, Cache (*Rogers*).

A male and a female specimen.

## GONIA.

*Gonia*, Meigen, Illiger's Mag. ii. p. 280 (1803).

### 1. *Gonia pallens*.

*Gonia pallens*, Wiedem. Aussereur. zweifl. Ins. ii. p. 346. 6<sup>1</sup>; Macq. Dipt. Exot. ii. 3, p. 50. 4<sup>2</sup>; Arribáizaga, An. Soc. Cient. Argent. x. p. viii (1880<sup>3</sup>); van der Wulp, Tijdschr. voor Ent. xxvi. p. 23. 15<sup>4</sup>. *wrong, not there.*

*Gonia chilensis*, Macq. Dipt. Exot. ii. 3, p. 50. 5, t. 5. fig. 4<sup>5</sup>; Blanch. in Gay's Historia fisica y polit. de Chile, Zool. vii. p. 422, Atlas, t. 4. fig. 20<sup>6</sup>.

*Gonia angusta*, Macq. Dipt. Exot. ii. 3, p. 51. 7, t. 5. fig. 5; Walk. List Dipt. Brit. Mus. iv. p. 798.

*Gonia lineata*, Macq. Dipt. Exot., Suppl. iv. p. 178. 15.

*Hab.* MEXICO, Ventanas in Durango 2000 feet (*Forrer*).—BRAZIL<sup>1 2</sup>; CHILI<sup>5 6</sup>; ARGENTINE REPUBLIC<sup>3 4</sup>; PATAGONIA; ANTILLES, Cuba<sup>5</sup>, Jamaica.

A single female specimen has been captured by Mr. Forrer in N. Mexico.