

to be emended and modified thus:—Third joint of the antennæ as long as or a little longer than the second; one or more genal bristles; macrochætæ of the second and third abdominal segments at the hind margin only, or at the hind margin and in the middle*.

In the collections before me I find the three following undescribed species:—

1. Macrochætæ of the second and third abdominal segments in the middle as well as on the hind margin; rufous species *rufina*, v. d. Wulp.
- Macrochætæ of the second and third abdominal segments only on the hind margin; black-coloured species, with black legs 2.
2. Three genal bristles *Cyphocera* of *Cad.* *trisetosa*, v. d. Wulp.
- Only one genal bristle *nitidifrons*, v. d. Wulp.

1. **Trichophora rufina**, sp. n., ♂ ♀. (Tab. II. figg. 15; 15 a, head in profile.)

Rufous, including the antennæ and legs; a single genal bristle; macrochætæ on the middle of the second and third abdominal segments; bristles of the legs rufous; wings yellowish at the base and along the basal part of the costa.

Length 8.5 millim.

Face perpendicular, a little prominent at the oral margin, in the male pale yellow, in the female bright ochraceous; cheeks without pile, but with a single bristle; above the vibrissæ one shorter bristle, and beneath them four bristles; pilosity of the occiput yellowish: front rather broad, with a ferruginous median band, which is narrowed behind; frontal bristles forming on both sides a single row, and scarcely descending beneath the base of the antennæ. Eyes bare. Antennæ fulvous; second joint on the upper part with some bristles; third joint as long as the second, but broader and truncate at the end (in the female specimen it is infuscated at the extremity); arista black, indistinctly jointed, thickened nearly to the end. Thorax yellowish-cinereous (♂) or ochraceous (♀), with four black stripes placed at equal distances, the exterior ones somewhat broader; scutellum of the same colour as the thorax; macrochætæ of the thorax abundant, four longer and stouter ones at the hind margin of the scutellum. Abdomen scarcely longer than the thorax, fulvous, more or less transparent; in the male the fourth segment, with the exception of the front border, is black; in the female this black colour is confined to the anus, but somewhat extended in a dorsal stripe; on the second segment two macrochætæ in the middle, two on the hind margin, two on each side; on the third segment two in the middle, two on each side, and an entire row at the hind margin; fourth segment with many macrochætæ. Legs fulvous, the last four joints of the tarsi brownish or even dark brown; bristles rufous, short on the front tibiæ, very long and stout on the outside and at the end of the middle tibiæ. Tegulæ fulvous; wings cinereous, brownish-yellow at the base and at the beginning of the costa; small cross-vein placed if anything a little before the middle of the discal cell; apical and posterior cross-veins slightly curved.

Hab. GUATEMALA, Cahabon (*Champion*); COSTA RICA, Cache (*Rogers*).

A female specimen from the former, a male from the latter locality.

2. **Trichophora trisetosa**, sp. n., ♀. (Tab. II. figg. 16; 16 a, head in profile.)

Shining black, the fourth abdominal segment rufous; thorax cinereous, with four black stripes; head white;

* In this sense the North-American species described by me under the name of *Schineria ruficauda* (Tijdschr. voor Ent. x. p. 146. 18) is a *Trichophora*, and not a *Cyphocera*, to which genus it is referred by Löw and Osten Sacken.