

**A new species of *Trachyopella* (Dipt.,
Borboridae) from Iceland.**

By

J. E. Collin F. R. E. S., England.

In 1953 Dr. S. L. Tuxen of Copenhagen sent to me, among other Diptera, some specimens of a *Trachyopella* taken under cow-dung in Iceland, which he thought might be the *T. melania* Hal. recorded by Dr Lindroth from Iceland in 1931 (Zool. Bidr. Uppsala, XIII), as identified by Duda; and as Duda prior to 1931 had quite unnecessarily transferred the name *melania* to the species described by him in 1918 as *T. coprina* n. sp., these specimens were presumably this *T. coprina* Duda. I have seen these specimens of Dr Lindroth's and they are the same species as those received from Dr Tuxen, but this species is neither the *T. melania* Hal., nor *T. coprina* Duda, as represented by the specimens in their respective collections, but apparently an undescribed species which may be known as:—

***Trachyopella bovilla* sp. n.**

A very small species, much like *T. coprina* Duda and *melania* Hal., but with quite distinctive male genitalia.

♂. A comparison with Duda's figure of the wing of his *T. coprina* (Abh. z.-b. Ges. Wien, X. 1. Pl. viii, f. 64) shows that the new species has the second costal segment longer (longer than third), and second vein diverging less from third, both more as in his figure of *leucoptera*, but third vein straighter than in that species (more as in *coprina*), and upcurved at end only, while a continuation of the outer crossvein upwards would reach the costa rather before end of second vein.

Legs with mid tibial bristles as in *coprina*, the antero-dorsal bristle on lower half of middle tibiae not so far

above the dorsal one as it is in *melania* and *atoma*. First joint of middle tarsi longer than next. Abdomen with smaller hypopygium than in *coprina*, and with paralobes of quite different shape and armature, (fig. 1 b).

♀. Cerci of ovipositor with similar hairs to those of *coprina* though rather shorter, and cerci themselves not so long or outstanding, though distinctly longer and longer haired than in *melania*.

Length about .75 mm.

This species has not the long lateral hindmarginal abdominal bristles of *lacteipennis*, nor the distinct blunt preapical anteroventral bristle to hind femora, nor so distinct a preapical dorsal bristle to hind tibiae, as in that species.

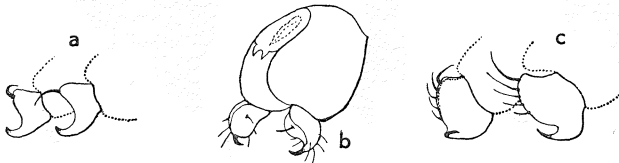


Fig. 1. Genital details of species of *Trachypella*: — a. Paralobes of *T. melania* Hal. b. Ninth tergite (without setae) and paralobes of *T. bovilla* sp. n. c. Paralobes of *T. coprina* Duda.

Described from one male and four females, originally preserved in spirit, taken at Vaglaskógur, Iceland, on 31st July 1920, and now (with the exception of one female in my own collection) preserved in the Copenhagen Museum. The hypopygium of the only male, after a sketch had been made while in spirit, was lost when the insect was pinned and dried, but a balsam mount of one of Dr Lindroth's males is in my collection, and there is a similar mount in the Berlin Museum of a male from Iceland found among Duda's specimens of his *T. melania = coprina*, which is almost certainly another of Dr Lindroth's specimens identified by Duda, the rest of his specimens being in the Göteborg Museum.