

Dr. HILLE RIS LAMBERS

A NEW SPECIES OF **CHAITOPHORUS** KOCH (Aphid. Homoptera)
FROM CHRYSANTHEMUM

Chaitophorus chrysanthemi sp. nov.

Diagnosis: Apt. viv. fem. *Morph. characters.* Body oval, broadest on hind half, rather flat, covered with long bristly hairs, which are bifurcate at their tips. Hairs on the VIIIth abd. segment very long, with normal acute apex. Antennae of 6 segments about $\frac{2}{5}$ x the length of body, without secondary rhinaria. Antennal hairs with normal apex, of very variable length, from 1-3 x the diameter of IIIrd segment. Rostrum reaching to 3rd pair of coxae, apical segment with straight margin, 2 x as long as broad (at base). Siphunculi short and truncate, without apparent reticulation. Cauda not knobbed, short and very faintly constricted, with a few (3-4) long bristly hairs and some shorter ones. Legs short and normal, first tarsal joints with 5-6 hairs.

Colour. Unknown, probably brownish or darkgreen.

Measurements of one specimen.

Length of body: 2.11 mm.

„ „ ant.: 0.81 „

„ „ siph. 0.06 „

„ „ cau.: 0.10 „

Prop. of ant. segments as: $\frac{100}{III} : \frac{60}{IV} : \frac{59}{V} : \frac{(43 + 75)}{VI}$

Oviparous female. This is morphologically only different from the apt. viv. fem. by the presence of a small number of sensoria on the hind tibiae, which are slightly swollen, and the presence of eggs inside the abdomen.

Apterous male. *Morphological characters.* Body rather narrow, flat, very small. Hairs on body with bifurcate apex. Antennae about $\frac{5}{9}$ of the length of the body, 10 rhin. on IIIrd, 5 on IVth and 3 on Vth segment. Rostrum reaching to past the 3rd pair of coxae.

Colour. This form most probably is coloured dark brown or black.

Measurements of one specimen.

Length of body: 1.12 mm.

” ” ant.: 0.75 ”

” ” siph.: 0.036 ”

” ” cau.: 0.073 ”

Prop. of ant. segments as: $\frac{100}{III} : \frac{51}{IV} : \frac{44}{V} : \frac{(33 + 46)}{VI}$

Rhinaria: III with 10, IV with 5, V with 2 second. rhinaria (one antenna broken).

Hostplant: *Chrysanthemum sinense*.

Locality: Romagna, Italia settentrionale, Novembre, Pietro Zan-
gheri legit, no 8880.

Notes. This species is one of the relatively small group of *Chaitophorus* spp. with bifurcate hairs. It is distinct from *Ch. betulinus* v. d. Goot by the obsolete cauda and different proportion between base and processus terminalis of the VIth antennal segment. *Ch. albus* Mordv. (syn. *Ch. Roepkei* Börner and *Ch. inconspicuus* Theobal) is also quite distinct. Only one *Chaitophorus* sp. has been described from Composites, *Ch. abnormis* Theob. and a third species occurs in Holland on *Artemisia vulgaris* L. and *Achillea millefolium* L.

Wageningen, Holland