

On the genus *Atomophora* Rt. (Het. Miridae)

R. Linnavuori, Raisio, Finland

With 3 Figures

The genus *Atomophora* Rt. (type: *A. pantherina* Rt.) was described by REUTER in 1879. At the time four species, *A. eximia* Rt., *A. pantherina* Rt., *A. alba* Rt. and *A. fuscomaculata* Rt., were known. Later, in 1901 and 1903, seven other species were added to the list: *A. bipunctata* Rt., *A. vitticollis* Rt., *A. lineata* Rt., *A. oculata* Rt., *A. maculosa* Rt., *A. albovittata* Rt. and *A. suturalis* Rt. Afterwards four species have been described: *A. macrophthalma* Poppius (1919), *A. picticornis* Horvath (1913), *A. arabica* Linnavuori (1962) and *A. subpallida* Wagner (1962). The following revision is mainly based on the material of the genus preserved in my private collection. Moreover the type material in coll. REUTER in the Helsinki Museum and a collection from Iran in the Stuttgart Museum were examined. The study revealed three new species and a new race of *A. maculosa*.

The range of the genus is Eremian. Most species occur in Transcaspia and Turkestan, from where my colleague Dr. I. M. KERZHNER, of Leningrad, is describing also some new species. The species of the genus live on desert plants, *A. nit* Lv., for example, on *Calligonum comosum*.

Key to the species

- 1 (4) Clavus, corium and cuneus densely and uniformly marked with small round dilute brownish dots. General colouring whitish grey, with a slight greenish tinge. Without any contrasted dark markings (see also *bipunctata* and *astarte*) 2
- 2 (3) Body longer and narrower, length 4 mm. Vertex broader, ocular index 1.45 (♂) or 2.0 (♀). Antennae longer and more gracile, 2nd joint nearly 1.5 (♂) or 1.35 (♀) x as long as diatone
. *albovittata* Rt. (Transcaspia)
- 3 (2) Body smaller and more robust, length 3—3.5 mm. Vertex narrower, ocular index 1.12 (♂) or 1.78 (♀). Antennae shorter and thicker, 2nd joint 1.05 (♂) or 1.18 (♀) x as long as diatone
. *alba* Rt. (Transcaspia, Turkestan)
- 4 (1) Colouring not as above 5
- 5 (6) Claval suture contrastedly dark brown, a dark stripe also along lower claval vein. Ground colouring greenish grey, with a golden tinge. Elytra with small round brown dots, apical margin of corium also with some larger dilute fuscous dots and a distinct roundish dark brown spot near inner basal angle of cuneus *lineata* Rt. (Transcaspia, Turkestan)
- 6 (5) Claval suture concolorous 7