

# THREE NEW FINDINGS OF CHIGGERS (ACARI: TROMBICULIDAE) IN AUSTRIA

By courtesy of Dr. K. Bauer (Naturhistorisches Museum, Vienna) and Dr. W. Sixl (Zoologisches Institut der Universität Graz) I have received specimens of mites of the family Trombiculidae, among which three species have been found which are quite new for the fauna not only of Austria, but of the whole Central Europe. These species have been described in the last years from Bulgaria (Kolebinova M., Bull. Inst. Zool. et Musée, Acad. Bulg. Sci. 29: 5—27, 1969) and Rumania (Feider Z., Stud. și Cercet. Științ. Acad. R.P.R. Iași, 6: 209—226, 1955) and until that time they had never been found outside the territory of the original description.

1. *Leptotrombidium* (*Leptotrombidium*) *dumitrescui* (Feider, 1955)

1 L on *Microtus nivalis*, Gortipohl (cca 1000 meters above sea level), Bludenz, Vorarlberg, 11th June, 1966 — 1gt. Dr. K. Bauer. It was originally described from the bat *Barbastella barbastellus* from the Rumanian territory; no precise information about its location is given. The Austrian collection was compared with Feider's material by P. H. Vercammen-Grandjean (San Francisco), to whom I express my thanks.

Standard measurements: AW 72 $\mu$ ; PW 83; SB 30; ASB 28; PSB 18; SD 46; AP 24; AM —; AL 35; PL 60.

2. *Miyatrombicula* (*Miyacarus*) *tokyoensis balcanica* Kolebinova, 1969

4 L on *Pipistrellus pipistrellus*, Brunnsee, 17th July and 1st September, 1967 — 1gt. Dr. W. Sixl. The originally described material was collected from *Sciurus vulgaris* and *Apodemus flavicollis* in the districts of Televen and Etropole (Bulgaria). The Austrian collection was compared with typical material by Dr. M. Kolebinova (Sofia), author of the description, to whom I express my gratitude.

Standard measurements: AW 51 $\mu$ ; PW 69; SB 18; ASB 23; PSB 27; SD 50; AP 22; AM 33; AL 30; PL 41.

3. *Neotrombicula* (*Neotrombicula*) *anthiana* Kolebinova, 1969

3 L on *Coturnix coturnix*, Neusiedl, July 1969, 1gt. Dr. H. Riedl. Typical material from *Anthus trivialis* was collected in the region of Belogradshik, Bulgaria.

Standard measurements: AW 66 $\mu$ ; PW 85; SB 29; ASB 24; PSB 27; SD 51; AP 26; AM 34; AL 34; PL 43; Sens. 52.

M. DANIEL, Institute of Parasitology,  
Czechoslovak Academy of Sciences,  
Prague