

## *Zeuxia cinerea* Meigen new to the fauna of Northeastern Turkey (Diptera: Tachinidae)

V.A. Richter, L. Gültekin & B.A. Korotyayev

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*Zeuxia cinerea* Meigen is for the first time recorded from Northeastern Turkey. The tachinid was reared from four new hosts, all species of the weevil genera *Larinus* Dej. and *Rhinocyllus* Germ. (Coleoptera, Curculionidae: Lixinae).

V.A. Richter, B.A. Korotyayev, Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St.Petersburg 199034, Russia.

L. Gültekin, Atatürk University, Faculty of Agriculture, 25240 Erzurum, Turkey.

In the course of a study of the weevil subfamily Lixinae of Northeastern Turkey, L. Gültekin has reared the tachinid *Zeuxia cinerea* Mg. from several species of the weevil subfamily Lixinae developing in the flowerheads of Asteraceae in Erzurum Prov. It is the first record of *Z. cinerea* from Northeastern Turkey; the species is widely distributed in Southern Europe, reaching northward France and Germany, and known also from central and southern European Russia, Transcaucasia, Kazakhstan, Algeria, Israel, and Tokat Prov. in central Turkey (Kara, 1999). As hosts, weevils *Temnorhinus mendicis* Gyll., *Larinus obtusus* Gyll., *L. platus* F. (Tschorsnig & Herting, 1994), and *Lixus junci* Boh. (in sugar-beet: Herting, 1980) are recorded in Europe. No hosts in Turkey have been known.

Genus *Zeuxia* Meigen, 1826

*Zeuxia cinerea* Meigen, 1826

**Material.** Turkey, Erzurum Prov.: 1 spm., env. of Illica, 1850 m, from *Larinus jaceae* L. in flowerheads of *Carduus nutans* L., 21.VIII.2001 (L. Gültekin); 1 spm., 21 km SE of Horasan, along road to Eleskirt, 1850 m, from *Rhinocyllus conicus* Fröl. in flowerheads of *Cirsium* sp., 25.IX.2002 (L. Gültekin); 5 spms., 24 km SE of Horasan, along road to Eleskirt, 1850 m, from pupal cells of *Larinus* sp. pr. *remissus* Fst. in large flowerheads of *Centaurea* sp., 16.VIII.2002 (L. Gültekin); 1 spm., 10 km W of Horasan, 1650 m, from *Larinus aeruginosus* Hochh. in flowerheads of *Cousinia* sp., 24.VIII.2002 (L. Gültekin).

It seems noteworthy that no tachinids emerged from the pupal cells of *Larinus ochroleucus* Cap. found in flowerheads of the same *Cousinia* species, from which *L. aeruginosus* was reared, in two other localities of Erzurum Province (10 km

W of Horasan and 9 km S of Çat, both at the elevation of 1900 m). Our data show that sometimes only one of the two very similar *Larinus* species living in flowerheads of one host species may be attacked by *Z. cinerea* in spite of its wide range and ability of infesting lixine larvae living in flowerheads (*Larinus* Dej. and *Rhinocyllus* Germ.), stems (*Lixus* F.), and roots (*Temnorhinus* Chev.) of plants of two families. The tachinid *Z. cinerea* with larvae developing in hosts belonging to 4 weevil genera, *Lixus*, *Larinus* (tribe Lixini), *Rhinocyllus* (tribe Rhinocyllini), and *Temnorhinus* (tribe Cleonini) is a widely oligophagous species.

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