

**TWO RARE SPECIES FOR TURKEY
OF THE GENUS *VADONIA* MULSANT, 1863
WITH THEIR PHOTOS OF HABITUS AND MALE GENITALIAE
(COLEOPTERA: CERAMBYCIDAE: LEPTURINAE)**

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ABSTRACT: In the genus *Vadonia* Mulsant, 1863, two rare species for Turkey are evaluated. New data of these species are also given in the text.

KEY WORDS: *Vadonia*, Lepturinae, Lepturini, Cerambycidae, Turkey.

As commonly accepted that chiefly Palaearctic genus *Vadonia* Mulsant, 1863 (except the orientalic species *V. eckweileri* Holzschuh, 1989 from Pakistan) is represented by twenty-three species (with sixteen subspecies) in the whole world. Fourteen species are endemic to different countries. In Turkey, it is represented by fifteen species. Seven species of them are endemic to Turkey as *V. bolognai* Sama, 1982; *V. ciliciensis* Daniel & Daniel, 1891; *V. danielorum* Holzschuh, 1984; *V. frater* Holzschuh, 1981; *V. instigmata* Pic, 1889; *V. ispirensis* Holzschuh, 1993 and *V. soror* Holzschuh, 1981 (Özdikmen & Turgut, 2009).

The evaluated species in the present paper, *Vadonia bicolor* (Redtenbacher, 1850) and *Vadonia moesiaca* (Daniel & Daniel, 1891) are rare species for Turkey.

Genus *VADONIA* Mulsant, 1863

Syn. *Neovadonia* Kaszab, 1938

Type species: *Leptura unipunctata* Fabricius, 1787

***Vadonia bicolor* (Redtenbacher, 1850)**

(Fig. 1)

This species was described by Redtenbacher (1850) from Fars prov.: Schiraz in SW Iran with the original combination *Leptura bicolor* Redtenbacher, 1850. *Leptura türki* that was described by Heyden (1878) from Gorgan prov.: Astrabad in N Iran, is a synonym of *V. bicolor*. It probably is distributed only in N and E Anatolia for Turkey. The present record is the most west point for the distribution area of the species. So the species is recorded for the first time to Ankara province in Turkey. Photos of the male genitalia are presented in figure 2.

Material examined: Ankara prov.: Kızılcahamam, Işık Mountain, 26.V.2010, 1 specimen. The material is deposited in Gazi University, Ankara, Turkey.

Records in Turkey: Erzurum prov. as 2 females (Daniel & Daniel, 1891); Erzurum prov., Van prov. (Plavilstshikov, 1936); Turkey (Lobanov et al., 1981; Sama & Löbl in Löbl & Smetana, 2010); N Turkey (Danilevsky & Miroshnikov, 1985) (Fig. 3).

Range: Caucasus (Azerbaijan), Turkey, Iran.

Chorotype: SW-Asiatic (Anatolo-Caucasian + Irano-Caucasian + Irano-Anatolian).

***Vadonia moesiaca* (Daniel & Daniel, 1891)**
(Fig. 4)

This species was described by Daniel & Daniel (1891) from Serbia, Turkey and Balkan with the original combination *Leptura moesiaca* Daniel & Daniel, 1891. *V. bipunctata* Kraatz, 1859 and *V. beali* Pic, 1926 are synonyms of *V. moesiaca*. It probably is distributed only in Western half of Turkey. It has been known only from Antalya province in SW Turkey as the exact locality. So, the species is recorded for the first time to Ankara province in Turkey. Photos of the male genitalia are presented in figure 5.

Material examined: Ankara prov.: Beypazarı, İnözü Valley, 02.VI.2009, 1 specimen; Kızılcahamam, Işık Mountain, 26.V.2010, 1 specimen.

Records in Turkey: Turkey (Daniel & Daniel, 1891; Winkler, 1924-1932; Lodos, 1998); Antalya: Taşağıl (Adlbauer, 1988); European and Asian Turkey (Sama & Löbl in Löbl & Smetana, 2010) (Fig. 6).

Range: Europe (Serbia & Montenegro, Macedonia, Albania, Bulgaria, Greece, European Turkey), Asian Turkey.

Chorotype: Turano-Mediterranean (Balkano-Anatolian).

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Figure 1. Habitus of *Vadonia bicolor* (Redtenbacher, 1850)

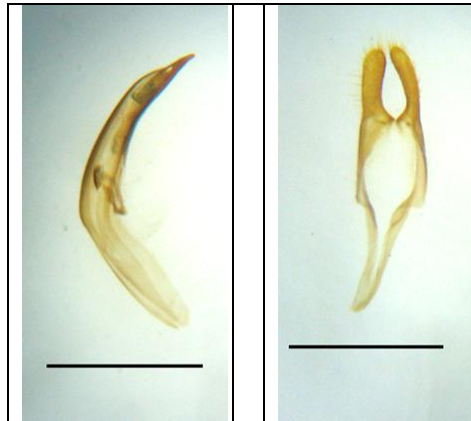


Figure 2. Male genitalia of *Vadonia bicolor* (Redtenbacher, 1850).

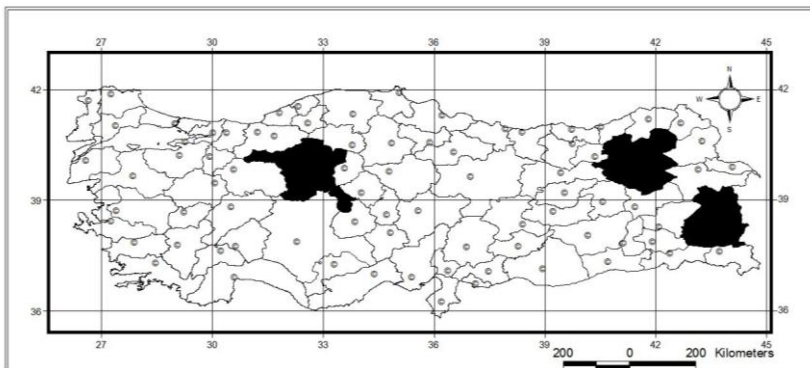


Figure 3. Known distribution of *Vadonia bicolor* in Turkey.



Figure 4. Habitus of *Vadonia moesiaca* (Daniel & Daniel, 1891).

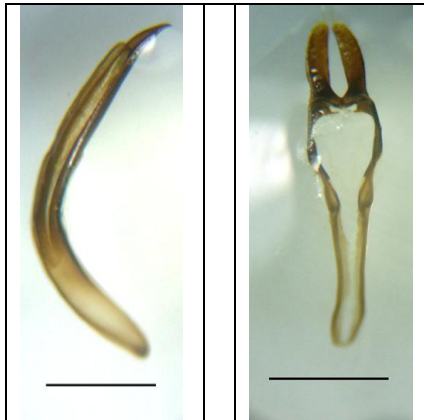


Figure 5. Male genitalia of *Vadonia moesiaca* (Daniel & Daniel, 1891).

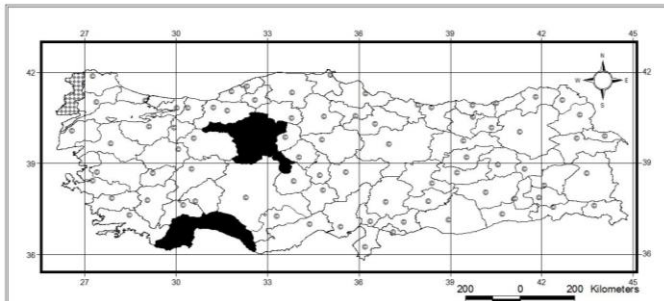


Figure 6. Known distribution of *Vadonia moesiaca* in Turkey.