

**A NEW SUBSPECIES OF *PSEUDOVADONIA LIVIDA* (FABRICIUS, 1777) FROM TURKEY
(CERAMBYCIDAE: LEPTURINAE)**

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[**Özdikmen, H.** 2015. A new subspecies of *Pseudovadonia livida* (Fabricius, 1777) from Turkey (Cerambycidae: Lepturinae). *Munis Entomology & Zoology*, 10 (2): 319-321]

ABSTRACT: *Pseudovadonia livida hatayensis* **ssp. nov.** is described from Hatay province in South Turkey. A key to the subspecies of *Pseudovadonia livida* (Fabricius, 1777) is also presented.

KEY WORDS: Cerambycidae, *Pseudovadonia livida*, new subspecies, Turkey.

Family Cerambycidae Latreille, 1802

Subfamily Lepturinae Latreille, 1802

Tribe Lepturini Latreille, 1802

Genus *Pseudovadonia* Lobanov, Danilevsky & Murzin, 1981: 787

[Type species *Leptura livida* Fabricius, 1777]

***P. livida* Fabricius, 1777: 233 (*Leptura*)**

The species has been represented by 5 subspecies in W Palaearctic region as *P. livida bicarinata* (N. Arnold, 1869) that is distributed in E Europe, Caucasus, NE Turkey, Iran, Kazakhstan, Kirgizia, Siberia and China, *P. livida desbrochersi* (Pic, 1891) that is distributed in Caucasus (Armenia, Azerbaijan, Georgia) and E Turkey, *P. livida livida* (Fabricius, 1777) that is distributed in Europe and European Turkey, *P. livida setosa* Danilevsky, 2013 that is distributed in E Europe, European Turkey and Western parts of Asian Turkey and *P. livida pecta* (K. Daniel & J. Daniel, 1891) that is distributed only in Italy (Löbl & Smetana, 2010; Danilevsky, 2013, 2015).

As seen above, the species has been represented by 4 subspecies except *P. livida pecta* (K. Daniel & J. Daniel, 1891) in Turkey up to now.

During the study of the collected Cerambycidae specimens, I have identified a female specimen belonging to a new subspecies that collected from Hatay province in Eastern Mediterranean Region of Turkey, of *Pseudovadonia livida* (Fabricius, 1777) which will be described in the present text.

***P. livida hatayensis* ssp. nov.** (Holotype ♀, collection H. Özdikmen, Zoological Museum of Gazi University, Ankara) [Type locality “Belen: Çakallı village” (Turkey: Hatay)] **A:** TR

***Pseudovadonia livida hatayensis* ssp. nov.**

(Figs. 1 and 2)

Type material. Holotype ♀: Turkey: Hatay prov.: Belen, Çakallı village, N 36° 28' 960'' E 36° 13' 506'', 19.V.2006, 652 m. The specimen deposited in Zoological Museum of Gazi University, Ankara (Turkey).

Body length in female (males unknown): 7 mm, width: 2.5 mm.

P. livida bicarinata (N. Arnold, 1869) is characterized by obliquely erect

dorsal pronotal setae, the nominotypical subspecies is characterized by strongly erect straight dorsal pronotal setae and generally light-yellow elytral coloration, *P. livida setosa* Danilevsky, 2013 is characterized by strongly erect and rather long dorsal pronotal setae and darker brown elytral coloration, and *P. livida pecta* (K. Daniel & L. Daniel, 1891) is characterized by strongly recumbent dorsal pronotal setae. *P. livida desbrochersi* (Pic, 1891) is easily distinguished from other subspecies by reddish abdomen and legs.

With the same reasons, the present specimen from Hatay province (S Turkey) should be a new subspecies. The new subspecies, *P. livida hatayensis* ssp. nov., is closely related to *P. livida bicarinata* (N. Arnold, 1869). It is easily distinguished from *P. livida bicarinata* by thinner, dark-yellow and weaker obliquely erect dorsal pronotal setae (dorsal pronotal setae denser, thicker, yellow or dark yellow and stronger obliquely erect in *P. l. bicarinata*), and light-brown elytral coloration (elytral coloration darker or reddish brown in *P. l. bicarinata*) chiefly.

Distribution. It is only known from South Turkey now. Probbaly it can also occur in SE Turkey, N Syria.

Etymology. From the type locality Hatay province (Turkey).

A key to the subspecies of *Pseudovadonia livida* (Fabricius, 1777)

1. Abdomen and legs completely red.....*P. livida desbrochersi*
-. Abdomen and legs black or at most partly red.....2
2. Dorsal pronotal setae strongly erect.....3
-. Dorsal pronotal setae obliquely erect or recumbent.....4
3. Elytral coloration light-yellow.....*P. livida livida*
-. Elytral coloration much darker brown.....*P. livida setosa*
4. Dorsal pronotal setae recumbent.....*P. livida pecta*
-. Dorsal pronotal setae more or less obliquely erect.....5
5. Dorsal pronotal setae thicker, yellow or dark yellow and stronger obliquely erect.....*P. livida bicarinata*
-. Dorsal pronotal setae thinner, dark-yellow and weaker obliquely erect.....
.....*P. livida hatayensis* ssp. nov.

LITERATURE CITED

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Figure 1. *Pseudovadonia livida hatayensis* ssp. nov. (holotype ♀).



Figure 2. *Pseudovadonia livida hatayensis* ssp. nov. (above), *Pseudovadonia livida bicarinata* (below) (from M. L. Danilevsky, www.cerambycidae.net/beetles_pseudovadonia_livida_bicarinata.html).