

**AN APPROVAL FOR ACCEPTION AS A SEPARATE SPECIES
OF *PURPURICENUS NUDICOLLIS* DEMELT, 1968
(COLEOPTERA: CERAMBYCIDAE)**

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[Özdikmen, H., Cihan, N. & Kaya, G. 2014. An approval for acception as a separate species of *Purpuricenus nudicollis* Demelt, 1968 (Coleoptera: Cerambycidae). *Munis Entomology & Zoology*, 9 (2): 724-726]

ABSTRACT: In this study, *Purpuricenus nudicollis* Demelt, 1968 is upgraded the species rank.

KEY WORDS: *Purpuricenus nudicollis*, *Purpuricenus interscapillatus*, Cerambycidae, Cerambycinae, Turkey.

It has been accepted commonly that the species, *P. interscapillatus* Plavilstshikov, 1937 has two subspecies as the nominative *P. interscapillatus interscapillatus* Plavilstshikov, 1937 and the other *P. interscapillatus nudicollis* Demelt, 1968 (e.g. Löbl & Smetana, 2010).

Known distribution patterns of the subspecies, however, are overlapped at least in Turkey. The nominative subspecies, *P. interscapillatus interscapillatus* is distributed in Turkey, Cyprus, Syria, Lebanon and Israel. The other subspecies, *P. interscapillatus nudicollis* is distributed only in Turkey and Cyprus (Sama & Makris, 2001; Löbl & Smetana, 2010).

The subspecies should be having hybridization areas at least in Turkey and Cyprus naturally. But this case has more complexities from expected result. Since, the nominative subspecies, *P. interscapillatus interscapillatus* has been recorded from Adana, Hatay, İçel, Kahramanmaraş, Niğde and Osmaniye provinces, while the subspecies, *P. interscapillatus nudicollis* has been reported from Adana, Antalya, Gaziantep, İçel, Kahramanmaraş, Konya, Karaman and Osmaniye provinces. So, distribution patterns of both subspecies are overlapped (Map 1, 2). Even, we collected both taxa in the same locality from Osmaniye province (see below). In this case, the theoretical rule of allopatric distribution for the subspecies is void in view of the sympatric distribution of these subspecies.

Consequently, these subspecies should be regarded as separate species. Moreover, status in Cyprus needs further investigations.

SPECIES *Purpuricenus interscapillatus* Plavilstshikov, 1937: 247 [RN]

humeralis Pic, 1891b: 23 [HN]

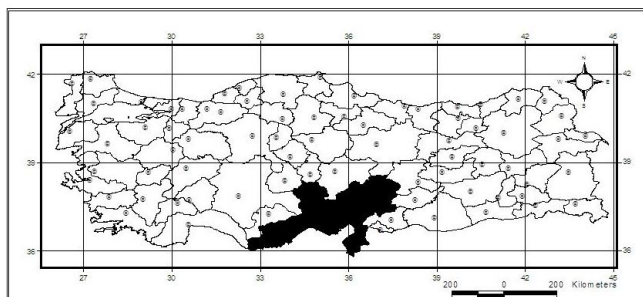
longevittatus Pic, 1941b: 2

The species is known only from SC and SCW Anatolia for Turkey.

Records from Turkey: Hatay prov.: Antakya (Dörtyol), İçel prov.: Namrun (Nurdağı pass) (Sabbadini & Pesarini, 1992); Adana prov.: Pozantı (Tekir plateau), Niğde prov.: Niğde-Bor road (Okçu village), İçel prov.: Erdemli-Güzeloluk road 5th km and Mersin-Gözne road (entry of Yeniköy) (Özdikmen, 2006); Hatay prov.: Yukarı İkinci village and Sazlık, Osmaniye prov.: Hasanbeyli (Kalecikli village), Zorkun road (Çiftmazı), Zorkun road (Karacalar village) (Özdikmen, Güven & Gören, 2010); Hatay prov., İçel prov. and Kahramanmaraş prov. (personal data).

Range: Turkey, Cyprus, Syria, Lebanon, Israel.

Chorotype: E-Mediterranean (Palestino-Cyprioto-Taurian)



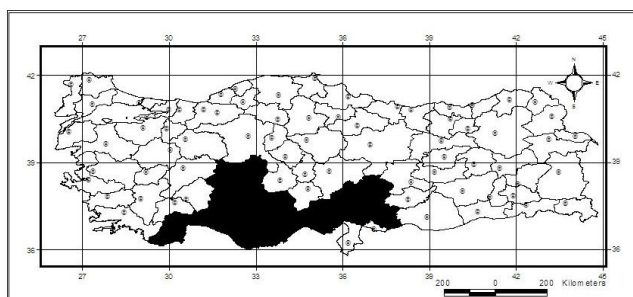
SPECIES *Purpuricenus nudicollis* Demelt, 1968: 65

The species is known only from SC and SCW Anatolia for Turkey.

Records from Turkey: Konya prov.: Kızılören (Sama, 1982); Antalya prov.: Korkuteli, Karaman prov.: Central (Adlbauer, 1988); İçel prov.: Erdemli (Hoskovec & Rejzek, 2003); Osmaniye prov.: Zorkun road (Karacalar village) (Özdikmen, Güven & Gören, 2010); Antalya prov.: Alanya (Dikmetaş plateau), Konya prov.: Hadim-Alanya road (Turgut & Özdikmen, 2010). Adana prov., Gaziantep prov. and Kahramanmaraş prov. (personal data).

Range: Turkey, Cyprus.

Chorotype: E-Mediterranean (Cyprioto-Taurian)



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