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**CHECK-LIST OF THE GENUS *CORTODERA* MULSANT, 1863  
(COLEOPTERA: CERAMBYCIDAE) IN TURKEY WITH TWO NEW  
RECORDS**

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**Abstract** - The present list is the first attempt to register all modern *Cortodera* taxa of the whole territory of Turkey. Complete list of Turkish (European Turkey and Anatolia) *Cortodera* is given. It includes 20 species and 25 taxa of the species group (with subspecies); species introduced and established in Turkey are also included. Nominate subspecies are not mentioned, if other subspecies do not occur in Turkey. Main and important (but not all) synonyms, as well as taxonomic and geographical notes are also given.

**KEY WORDS:** *Cortodera*, Cerambycidae, Coleoptera, Turkey

**Izvleček** – SEZNAM VRST RODU *CORTODERA* MULSANT, 1863 (COLEOPTERA: CERAMBYCIDAE) V TURČIJI, Z DVEMA NOVIMA NAJDBAMA

Pričujoči seznam je prvi poskus popisati vse sodobne taksone rodu *Cortodera* celotnega ozemlja Turčije. Podan je popoln seznam rodu *Cortodera* v Turčiji (Evropska Turčija in Anatolija). Vsebuje 20 vrst in 25 taksonov vrstne skupine (s podvrstami); vsebovane so tudi vrste, zanešene in naseljene v Turčijo. Nominatne podvrste niso omenjene, če druge podvrste ne nastopajo v Turčiji. Navedeni so glavni in pomembni (ne pa vsi) sinonimi ter taksonomske in geografske opombe.

**KLJUČNE BESEDE:** *Cortodera*, Cerambycidae, Coleoptera, Turčija

### **Introduction**

The longhorn beetle fauna of Turkey had been studied intensively in the last century and a number of papers presenting mainly faunistic data have appeared dealing

with the genus *Cortodera* Mulsant, 1863 (Bodemeyer, 1900, 1906; Acatay, 1943; Schimitschek, 1953; Çanakçioğlu, 1956, 1993; Villiers, 1959, 1967; Tuatay et al., 1961-1971; Demelt, 1963, 1967; Breuning and Villiers, 1967; Fuchs & Breuning, 1971; Gfeller, 1972; Gül-Zümreoğlu, 1975; Özbek, 1978; Holzschuh, 1980; Lobanov et al., 1981; Sama, 1982; Öymen, 1987; Adlbauer, 1988, 1992; Danilevsky, 1992; Bense, 1995; Althoff & Danilevsky, 1997; Lodos, 1998; Çanakçioğlu and Mol, 1998; Sama & Rapuzzi, 1999; Rejzek and Hoskovec, 1999; Rejzek et al. 2001; Tozlu et al., 2002; Hoskovec & Rejzek, 2002; Danilevsky, 2002).

### Materials and methods

The material for this study was collected by the author in the years 1991, 1997 and 2001 from different localities in Turkey and is deposited in the Gazi University. Some data were obtained from the cited literature.

The distribution in Turkey is presented by the list of provinces.

### Results and discussion

Data are presented on the occurrence of 20 species and 25 taxa of the species group (with subspecies) of the genus *Cortodera* Mulsant, 1863 in Turkey. The occurrence in Turkey of *Cortodera aestiva* Sama et Rapuzzi, 1999, *Cortodera alpina alpina* (Menetries, 1832), *Cortodera alpina umbripennis* Reitter, 1890, *Cortodera alpina xanthoptera* Ganglbauer, 1898, *Cortodera cirsii* Holzschuh, 1975, *Cortodera colchica colchica* Reitter, 1890, *Cortodera colchica rutilipes* Reitter, 1890, *Cortodera discolor* Fairmaire, 1866, *Cortodera femorata* (Fabricius, 1787), *Cortodera flavimana flavimana* (Waltl, 1838), *Cortodera flavimana limbata* Pic, 1897, *Cortodera holosericea* (Fabricius, 1801), *Cortodera humeralis humeralis* (Schaller, 1783), *Cortodera humeralis orientalis* Adlbauer, 1988, *Cortodera imrasanica* Sama et Rapuzzi, 1999, *Cortodera omophloides* Holzschuh, 1974, *Cortodera pseudomophlus* Reitter, 1889, *Cortodera pumila* Ganglbauer, 1881, *Cortodera ranunculi* Holzschuh, 1975, *Cortodera rubripennis* Pic, 1891, *Cortodera simulatrix* Holzschuh, 1975, *Cortodera syriaca* Pic, 1901, *Cortodera transcaspica* Plavilstshikov, 1936, *Cortodera uniformis* Holzschuh, 1975, and *Cortodera villosa* Heyden, 1876 are determined in this work. Thus, 10 species are added to the species known from Turkey by Lodos (1998). *Cortodera cirsii* Holzschuh, 1975 is endemic in Turkey. *Cortodera femorata* (Fabricius, 1787) and *Cortodera villosa* Heyden, 1876 are reported for the first time in the Turkish fauna.

Recent works on the Turkish fauna of *Cortodera* Mulsant, 1863 are Lobanov et al., 1981; Öymen, 1987; Althoff & Danilevsky, 1997; Lodos, 1998; Hoskovec & Rejzek, 2002 and Danilevsky, 2002. Especially Lodos, 1998 is a main literature source for this subject. Hoskovec & Rejzek, 2002 and Danilevsky, 2002 are unpublished works as computer databases.

According to Lobanov et al., 1981, *Cortodera alpina* (Menetries, 1832), *Cortodera colchica* Reitter, 1890, *Cortodera flavimana* (Waltl, 1838) and *Cortodera pumila* Ganglbauer, 1881 occur in Turkey. *Cortodera syriaca* Pic, 1901 and *Cortodera transcaspica* Plavilstshikov, 1936 were added to the species above in computer database of Danilevsky, 2002.

According to Öymen, 1987, Turkish forest fauna of *Cortodera* is comprised of *Cortodera alpina* (Menetries, 1832) and *Cortodera flavimana* (Waltl, 1838).

The European fauna of *Cortodera* includes 14 species listed in Althoff & Danilevsky, 1997. They included also the fauna of European part of Turkish *Cerambycoidea*. So, *Cortodera flavimana* (Waltl, 1838) and *Cortodera humeralis* (Schaller, 1783) were present among the species in Turkey.

In computer database of Hoskovec & Rejzek, 2002, *Cortodera colchica* Reitter, 1890, *Cortodera flavimana* (Waltl, 1838), *Cortodera humeralis* (Schaller, 1783), *Cortodera omophloides* Holzschuh, 1974 and *Cortodera syriaca* Pic, 1901 are reported to be present in Turkey.

In Lodos, 1998, the fauna of Turkish *Cortodera* Mulsant, 1863 comprise 10 species. These are *Cortodera alpina* (Menetries, 1832), *Cortodera colchica* Reitter, 1890, *Cortodera discolor* Fairmaire, 1866, *Cortodera flavimana* (Waltl, 1838), *Cortodera pumila* Ganglbauer, 1881, *Cortodera ranunculi* Holzschuh, 1975, *Cortodera simulatrix* Holzschuh, 1975, *Cortodera syriaca* Pic, 1901, *Cortodera uniformis* Holzschuh, 1975, and *Cortodera omophloides* Holzschuh, 1974.

According to the literature data mentioned above, the genus *Cortodera* is represented by 12 species in Turkey. But, in the present paper we report that the Turkish fauna of *Cortodera* Mulsant, 1863 is comprised of totally 20 species. These are listed as follows.

## Check-list of the genus *Cortodera* Mulsant, 1863 in Turkey

### *Cortodera* Mulsant, 1863

*aestiva* Sama et Rapuzzi, 1999 (KARS)

*alpina* (Menetries, 1832)

ssp. *alpina* (Menetries, 1832) (ERZURUM)

ssp. *umbripennis* Reitter, 1890 (ANKARA, İÇEL, MUŞ, ARTVİN, VAN, KARS, ARDAHAN)

= *armeniaca* Pic, 1898

ssp. *xanthoptera* Ganglbauer, 1898 (İÇEL, NİĞDE)

*cirsii* Holzschuh, 1975 (OSMANİYE, NİĞDE, ADANA)

*colchica* Reitter, 1890

ssp. *colchica* Reitter, 1890 (ADANA, HAKKARİ, BİNGÖL, ARTVİN, BURDUR, KAYSERİ, ANTALYA, KONYA, KARS, ADIYAMAN, BAYBURT, ERZURUM, SİVAS, ANKARA, AKSARAY)

= *deyrollei* Pic, 1894

- ssp. rutilipes* Reitter, 1890 (ERZURUM)  
*discolor* Fairmaire, 1866 (İZMİR, ANKARA, KONYA, NİĞDE, AKSARAY, İÇEL)  
***femorata* (Fabricius, 1787) (AKSARAY) (New record for Turkey)**  
*flavimana* (Waltl, 1838)  
*ssp. flavimana* (Waltl, 1838) (İÇEL, ANTALYA, NİĞDE, AFYON, İSTANBUL, İZMİR, ISPARTA, SAMSUN, ANKARA, ERZURUM, SİNOP, BOLU, KONYA, KASTAMONU, ARTVİN, BAYBURT, KARS, RİZE, SİVAS, AKSARAY, KAYSERİ, EUROPEAN TURKEY)  
*ssp. limbata* Pic, 1897 (İZMİR, ANKARA, BURSA)  
*holosericea* (Fabricius, 1801) (ANKARA)  
*humeralis* (Schaller, 1783)  
*ssp. humeralis* (Schaller, 1783) (ANKARA, EUROPEAN TURKEY)  
*ssp. orientalis* Adlbauer, 1988 (OSMANİYE, ANKARA, BOLU, ANTALYA)  
*imransanica* Sama et Rapuzzi, 1999 (ANTALYA)  
*omophloides* Holzschuh, 1974 (İÇEL)  
*pseudomophlus* Reitter, 1889 (KAHRAMANMARAŞ, ERZURUM)  
*pumila* Ganglbauer, 1881 (KARS, TOKAT, KASTAMONU)  
*ranunculi* Holzschuh, 1975 (MUŞ)  
*rubripennis* Pic, 1891 (HATAY, ADANA)  
*simulatrix* Holzschuh, 1975 (ARTVİN)  
*syriaca* Pic, 1901 (KAHRAMANMARAŞ, İÇEL, ADIYAMAN, MUŞ, AKSARAY)  
*transcaspica* Plavilstshikov, 1936 (TURKEY)  
= *lobanovi* Kaziuchitz, 1988  
= *persica* Plavilstshikov, 1936  
*uniformis* Holzschuh, 1975 (GÜMÜŞHANE, ARTVİN)  
***villosa* Heyden, 1876 (ANKARA) (New record for Turkey)**

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