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New species of the family Malachiidae (Coleoptera) for the fauna of Turkey

Druhy čeledi Malachiidae (Coleoptera), nové pro faunu Turecka

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Abstract. 12 species of the family Malachiidae are recorded for the first time from Turkey. Preliminary list of the species of the family Malachiidae known from Turkey is given.

The fauna of the family Malachiidae of Turkey is not so far satisfactorily explored. Twelve species are recorded as new for the territory in the present paper. However, many new discoveries can be expected in the future, especially from the southeastern and eastern parts of Turkey.

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Some new, hitherto unpublished data of distribution of particular species are sometimes given in this paper, but without concrete locality data. This material and other, mentioned below, is deposited in the author's collection, deposited in the National Museum, Praha.

NEW RECORDS OF THE SPECIES OF THE FAMILY MALACHIIDAE FROM TURKEY

Brachemys brevipennis (Laporte de Castelnau, 1836)
Material examined: prov. Antalya, Antalya, vi.1970, B. Mašín lgt., 1 ex.
Distribution: Spain, France, Sardinia, ?northern Italy, Aegean Is. (Abeille de Perrin 1890, Greiner 1937, Liberti 1995); Corse, Bulgaria, Greece (unpublished records). New species for the fauna of Turkey.

Colotes obsoletus Erichson, 1840
Material examined: prov. Adana, Toros Daglari Mts., Çamalam, 3.vii.1983, S. Bílý lgt., 2 ex.
Distribution: Croatia, Corfu, Lesbos, Cyprus, Syria, Lebanon (Abeille de Perrin 1890, Greiner 1937); Bulgaria, Greece (unpublished records). New species for the fauna of Turkey.

Ebaeus appendiculatus Erichson, 1840
Material examined: prov. Instanbul, Durusu env., 2.vi.1996, V. Švihla lgt., 1 ex.
Distribution: Baleares, Sicily, northern Italy, Austria, Moravia, Romania, Bulgaria, Crimea (Švihla 1990, Liberti 1995). New species for the fauna of Turkey.

Ebaeus flavobullatus flavobullatus Marseul, 1868
Material examined: prov. Gaziantep, Birecik, 20.v.1993, V. Švihla lgt., 3 ex.; prov. Antakya, Amanos Mts., Aslanli Beli, 1.vi.1991, S. Kadlec lgt., 1 ex.; prov. Adiyaman, Nemrut Dagi,

2.vi.1994, Z. Švec lgt., 1 ex.
Distribution: Cyprus, Syria, Israel (Greiner 1937); Lebanon (unpublished record). New species for the fauna of Turkey.

Ebaeus medvedevi Wittmer, 1970
Material examined: prov. Erzincan, Tercan, 24.vi.1986, S. Kadlec lgt., 1 ex.; prov. Şanli Urfa, Halfeti, 21.v.1993, V. Švihla lgt., 3 ex.
Distribution: so far known only from western Iran. New species for the fauna of Turkey.

Charopus philoctetes Abeille de Perrin, 1885
Material examined: prov. Kastamonu, Agli, 56 km NNW Kastamonu, 22.vi.1996, many specimens, J. Rolčík, M. Knížek, P. Zahradník & V. Švihla lgt.
Distribution: Northern Italy, Hungary, Caucasus, Transcaspia (Greiner 1937, Kaszab 1955, Liberti 1995); Macedonia, Georgia (unpublished records). New species for the fauna of Turkey.

Anthocomus humeralis Morawitz, 1861
Material examined: prov. Çankiri, 23 km N Çankiri, 1100 m, 20.-21.vi.1996, V. Švihla lgt., 1 ex.; prov. Aksaray, Ihlara valley, 23.vi.1993, P. Bílek lgt., 1 ex.
Distribution: Austria, Moravia, Slovakia, Bulgaria, southern Russia (Švihla 1981); Greece (unpublished record). New species for the fauna of Turkey.

Chionotopus humeralis (Reiche, 1857)
Material examined: prov. Antalya, Ak Daglari Mts., 6.-7.v.1991, T. Růžička & B. Zbuzek lgt., 6 ex.; prov. Isparta, Barla Dagi Mts., 29.iv.1992, M. Dvořák lgt., 2 ex.
Distribution: Syria (Greiner 1937); Israel (unpublished record). New species for the fauna of Turkey.

Acromalachius clavicornis (Peyron, 1877)
Material examined: prov. Çankiri, Kesecik, 19 km S Ilgaz, 1300 m, 30.v.1994, Z. Švec lgt., 5 ex.; prov. Adana, Findikli, 1200 m, 6.vi.1996, V. Švihla lgt., 10 ex.
Distribution: Syria, Israel (Greiner 1937). New species for the fauna of Turkey.

Malachius faldermanni Faldermann, 1836
Material examined: prov. Kars, Sarikamiş, 1.vii.1993, P. Bílek lgt., 3 ex.
Distribution: Caucasus, Kurdistan, Iran (Evers 1985); Georgia, Armenia, Azerbaijan (unpublished records). New species for the fauna of Turkey.

Cordylepherus koenigi (Abeille de Perrin, 1900)
Material examined: prov. Erzincan, Kandilli, 1720 m, 18.vi.1970, loc. no. 19, Exp. Nat. Mus. Praha, 7 ex.
Distribution: so far known only from Armenia. New species for the fauna of Turkey.

Clanoptilus maculiventris (Chevrolat, 1854)
Material examined: prov. Şanli Urfa, Halfeti, 21.v.1993, V. Švihla lgt., 27 ex.
Distribution: Cyprus, Syria (Greiner 1937); Israel (unpublished record). New species for the fauna of Turkey.

PRELIMINARY LIST OF THE FAMILY MALACHIIDAE FROM TURKEY

So far, 92 species and subspecies of the family Malachiidae were recorded from Turkey. Twelve additional species are recorded for the first time in this paper, increasing the number to 104. The most recent combinations are used in the species classification, although they are not generally accepted. Species are ordered alphabetically within the genus, and the subgeneric classification is omitted.

Abbreviations in the brackets refer to the first record of the species from Turkey, except of the species either originally described from Turkey, or recorded for the first time in the present paper. Explanation of abbreviations: Aa - Abeille de Perrin (1890), Ab - Abeille de Perrin (1891), E - Evers (1985), G - Greiner (1937), K - Krauss (1902), P - Peyron (1877), Š - Švihla (1990), Wa - Wittmer (1992), Wb - Wittmer (1994).

Attalus dalmatinus Erichson, 1840 (P), is excluded from this list, because the presence of this species, known from western part of Balkan Peninsula, in Turkey is very improbable.

Brachemys Abeille de Perrin, 1890
B. brevipennis (Laporte de Castelnau, 1836)
B. heydeni Flach, 1895

Embrocerus Peyron, 1877
E. turcicus (Wittmer, 1964)

Cephaloncus Westwood, 1863
C. albozonatus tauricus Wittmer, 1988
C. karsensis Wittmer, 1995
C. rhinoceros (Marseul, 1868) (P)

Troglops Erichson, 1840
T. colasi Wittmer, 1968
T. hatayensis Wittmer, 1974
T. orientalis Abeille de Perrin, 1881 (G)
T. semiinervis Wittmer, 1970

Colotes Erichson, 1840
C. flavocinctus Marseul, 1868 (P)
C. maculatus (Laporte de Castelnau, 1836) (Aa)
C. obsoletus Erichson, 1840

Hypebaeus Kiesenwetter, 1863
H. flavicollis (Erichson, 1840) (Aa)
H. nodipennis (Krynicki, 1832) (P)
H. senaci Abeille de Perrin, 1890
H. tripartitus (Marseul, 1868) (G)
H. vicinus Peyron, 1877

Ebaeus Erichson, 1840
E. anatolicus Wittmer, 1986
E. appendiculatus Erichson, 1840
E. baudueri Peyron, 1877
E. bleusei Abeille de Perrin, 1900
E. caspius caspius Peyron, 1877 (G)
E. coerulescens Erichson, 1840 (Aa)
E. flavicornis Erichson, 1840 (Š)
E. flavobullatus flavobullatus Marseul, 1868
E. flavobullatus orientalis Wittmer, 1979
E. medvedevi Wittmer, 1970
E. rosinae Pic, 1902
E. rubetorum Peyron, 1877
E. turcicus Wittmer, 1968
E. vesiculiger (Marseul, 1868)

Attalus Erichson, 1840
A. analis (Panzer, 1796) (G)

Charopus Erichson, 1840
C. crassicornis Wittmer, 1975
C. diversipennis Pic, 1906
C. madidus Kiesenwetter, 1863 (Aa)
C. philoctetes Abeille de Perrin, 1885

Nepachys Thomson, 1859
N. amaenus (Peyron, 1877)

Axinotarsus Motschulsky, 1853
A. anatolicus Evers, 1961

Cyrtosus Motschulsky, 1853
C. anceyi Abeille de Perrin, 1869 (G)
C. corniculatus Kraatz, 1864 (Ab)
C. nitidicollis (Chevrolat, 1873) (Ab)

Cerapheles Mulsant et Rey, 1867
C. terminatus (Ménétriés, 1832) (P)
C. zoelleri Flach, 1895

Anthocomus Erichson, 1840
A. equestris (Fabricius, 1781) (Ab)
A. fasciatus (Linnaeus, 1758) (P)
A. humeralis Morawitz, 1861
A. infasciatus Pic, 1901
A. miniatus (Kolenati, 1846) (P)
A. pupillatus Abeille de Perrin, 1890
A. smyrnensis Wittmer, 1971
A. thalassinus (Abeille de Perrin, 1883) (Wa)
A. tricoloripennis Evers, 1949

Chionotopus Abeille de Perrin, 1881
C. humeralis (Reiche, 1857)

Ceratistes Fischer von Waldheim, 1844
C. dilaticornis (Germar, 1824) (K)

Malachius Fabricius, 1775
M. aeneus (Linnaeus, 1758) (P)
M. artvinensis Wittmer, 1974
M. caramanicus Pic, 1912
M. carnifex Erichson, 1840 (P)
M. cavifrons anatolicus Wittmer, 1974
M. coccineus Waltl, 1838 (P)
M. conformis Erichson, 1840 (G)
M. dama Abeille de Perrin, 1888
M. demaisoni Abeille de Perrin, 1900
M. ephipiger Redtenbacher, 1843 (Ab)
M. faldermanni Faldermann, 1836
M. fucatus Peyron, 1877
M. heydeni Abeille de Perrin, 1882 (G)
M. kraussi Reitter, 1902
M. mariae Abeille de Perrin, 1885
M. rubidus Erichson, 1840 (E)
M. securiclatus Baudi, 1873 (P)
M. semiaeneus Abeille de Perrin, 1891 (G)

Acromalachius Evers, 1985
A. clavicornis (Peyron, 1877)
A. flexicornis (Baudi, 1873) (G)

Haplomalachius Evers, 1985
H. flabellatus (Frivaldsky, 1835) (P)
H. karsensis Wittmer, 1988

Cordylepherus Evers, 1985
C. koenigi (Abeille de Perrin, 1900)

Clanoptilus Motschulsky, 1853
C. affinis (Ménétriés, 1832) (G)
C. amanicola (Abeille de Perrin, 1900)
C. ambiguus (Peyron, 1877)
C. anatolicus (Wittmer, 1986)
C. assimilis (Baudi, 1871) (P)
C. colasi (Wittmer, 1967)
C. danieli (Abeille de Perrin, 1893)
C. durandi (Pardo Alcaide, 1969)
C. elegans (Olivier, 1790) (Ab)
C. geniculatus (Germar, 1824) (K)
C. heliophilus (Peyron, 1877)
C. maculiventris (Chevrolat, 1854)
C. malatyensis Wittmer, 1988
C. marginellus (Olivier, 1790) (Ab)
C. paludosus (Peyron, 1877) (G)
C. pherecles (Reitter, 1898) (Wb)
C. piceoterminatus (Pic, 1911)
C. politus Wittmer, 1988
C. spinipennis (Germar, 1824) (Ab)
C. strangulatus (Abeille de Perrin, 1885) (G)
C. viridanus (Mulsant, 1852) (P)

Paratinus Abeille de Perrin, 1891
P. femoralis (Erichson, 1840) (P)

Protapalochrus Evers, 1897
P. flavolimbatus (Mulsant et Rey) (P)

Taxa of uncertain status or generic position
Callotroglops albozonatus var. *cyaneicollis* Abeille de Perrin, 1891
Malachius krueperi Pic, 1909
Malachius lusitanicus var. *amasiae* Abeille de Perrin, 1891

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SOUHRN

Dosud bylo z Turecka známo 92 druhů a poddruhů čeledi Malachiidae. V této práci je uvedeno dalších 12 druhů této čeledi, nových pro faunu Turecka, čímž se počet zvýšil na 104. Lze však očekávat další nové nálezy, především z oblastí jihovýchodního a východního Turecka. Práce též obsahuje seznam všech taxonů skupin rodu a druhu této čeledi z Turecka.