



**New data on Palearctic Xantholinini. 16. Geonemical records
and description of a new species of *Xantholinus* from Turkey (Coleoptera:
Staphylinidae: Xantholinini)**

322nd contribution to the knowledge of the Staphylinidae.

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Abstract. New records of some Xantholinini are provided: *Leptacinus othioides* Baudi new for Jordan; *Leptacinus sulcifrons* (Stephens) new for Eastern Russia; *Leptacinus bathychrus* (Gyllenhal) new for Mongolia; *Xantholinus nicolasi* Coiffait new for Albania; *Xantholinus rufipennis* Erichson new for Corfu (Greece) and Montenegro; *Xantholinus laevigatus* Jacobsen new for Croatia. *Xantholinus (Helicophallus) nidgesianus* sp. n. from Turkey is described and illustrated.

Riassunto. Nuovi dati sugli Xantholinini paleartici. 16. Dati geonemici e descrizione di una nuova specie di *Xantholinus della Turchia*. Vengono forniti nuovi dati geonemici come segue: *Leptacinus othioides* Baudi nuovo per la Giordania; *Leptacinus sulcifrons* (Stephens) nuovo per la Russia orientale; *Leptacinus bathychrus* (Gyllenhal) nuovo per la Mongolia; *Xantholinus nicolasi* Coiffait nuovo per l'Albania; *Xantholinus rufipennis* Erichson nuovo per Corfù (Grecia) e Montenegro; *Xantholinus laevigatus* Jacobsen nuovo per la Croazia. Viene descritto e illustrato *Xantholinus (Helicophallus) nidgesianus* sp. n. della Turchia.

Key words. Staphylinidae, Xantholinini, Palearctic, geonemical data, new species, *Xantholinus*, Turkey.

Introduction

I had the opportunity to examine numerous Xantholinini from the collections of Budapest, Erfurt, and Prague museums and from my own private collection. In these pages, I report the most interesting data and describe a new species of *Xantholinus* Dejean, 1821 of the subgenus *Helicophallus* Coiffait, 1956 from Turkey.

The examined material is deposited in:

- BCF Bordini collection, Firenze, Italy;
- SCD Shavrin collection, Daugavpils, Latvia;
- HNHMB Hungarian Natural History Museum, Budapest, Hungary;
- NME Naturkunde Museum, Erfurt, Germany;
- NMNHP National Museum of Natural History, Praha, Czech Republic.

At least one male of each cited locality was examined.

Species list

Gauropterus fulgidus (Fabricius, 1787)

Examined material. Central Syria, Homs, leg. M. Dvorak, 28.IV.1982, 1 specimen (BCF); Morocco, Souss-Massa, Draa, Tafraoute, Azrou Ouado, 29°44'08''N, 009°01'47''E, 886 m, leg. R. Cibulskis, 8.II.2013, 1 specimen (BCF).

Distribution. Widespread species.

Gauropterus sanguinipennis (Kolenati, 1846)

Examined material. S Turkey, Melles (Anamur), leg. M. Dvorak, 25.IV.1992, 2 specimens (NMNHP), 2 specimens (BCF); Pozanti, leg. M. Dvorak, 3-6.VII.1983, 1 specimen (NMNHP); Siliko, leg. M. Dvorak, 25.IV.1992, 1 specimen. (NMNHP); Georgia, Bubys, 1850 m, leg. O. Odvarka, 7-9.VII.1987, 1 specimen (BCF). E Turkey, Ceblik (Antakya), leg. M. Dvorak, 24.IV.1992, 2 specimens (NMNHP).

Distribution. East Europe, Iran, Turkmenistan, Turkey (LÖBL & LÖBL, 2015).

Nudobius fasciatus (Hochhuth, 1849)

Examined material. N Iran, Mazandaran, Now Shar, Kheiroud, Kenar forest (Gorazbon distr.), 880 m, 36°31'38''N, 51°38'46''E, leg. A. Weigel, 2.V.2005, 3 specimens (NME); Now Share S, Kheirud, Kenar forest, 400-900 m, 36°34'24''N, 51°35'24''E, leg. J. Weipert, 4.V.2012, 1 specimen (NME); Ma Nam Khane distr., 1050 m, 36°33'06''N, 51°36'47''E, leg. A. Weigel, 3.V.2010, 2 specimens (NME); Tashehzeh, Now Shahr, S. Urwald, Bach, 880 m, 36°31'38''N, 51°38'46''E, leg. J. Weipert, 2.V.2010, 1 specimen (BCF); N Elburz, Now Shahr, SW, primary forest, 500 m, 36°35'20''N, 51°34'05''E, leg. D. Frenzel, 3.VI.2008, 1 specimen (NME); N Elburz, Koliak, 36°28'38''N, 51°39'88''E, 1630 m, leg. D. Frenzel, 4.VI.2008, 1 specimen (NME); Koliak, mountain slope, 1840 m, 36°28'38''N, 51°40'14''E, leg. A. Weigel, 5.V.2010, 1 specimen (NME), 1 specimen (BCF).

Distribution. Azerbaijan (Talis daglari), Iran (Kuha) (LÖBL & LÖBL, 2015).

Leptacinus othioides Baudi, 1870

Examined material. Jordan, gouv. Al-Karak, Sakka W., 390 m, leg. Sechnitters-Schellhorn, 22.IV.2016, 2 specimens (NME), 1 specimen (BCF).

Distribution. South Eastern Europe, Libya, Eastern Mediterranean, Iran, Kazakhstan, Mongolia (LÖBL & LÖBL, 2015). New record for Jordan.

Leptacinus sulcifrons (Stephens, 1833)

Examined material. Russia, Irkutsk Prov., Nukutsky distr., Nukuty Bay of Angarata river, 53°43.670'N, 102° 48.113'E, leg. A. Shavrin, 11.VI.2009, 1 specimen (SCD).

Distribution. Widespread species. New record for Eastern Russia.

Leptacinus bathychrus (Gyllenhal, 1827)

Examined material. Mongolia, Tuguruk, Exp. Csiki, 1 specimen (BCF).

Distribution. Widespread species. New record for Mongolia.

Xantholinus sidonensis Coiffait, 1956

Examined material. Libano, Biaka, b. Ainata, 1250 m, leg. Heinz, 7-13.XI.2003, 1 specimen (NME), 1 specimen (BCF).

Distribution. Cyprus, Israel, Lebanon, Turkey (LÖBL & LÖBL, 2015).

Xantholinus nicolasi Coiffait, 1972

Examined material. Albania, Llogara Mountains, 800 m, leg. D. Caganek, 8.V.2013, 1 specimen (NME), 1 specimen (BCF).

Distribution. Greece (LÖBL & LÖBL, 2015). New record for Albania.

Xantholinus rufipennis Erichson, 1839

Examined material. Greece, Attica, leg. Reitter, 1 specimen (HNHMB); Greece, Corfu, 1 specimen (HNHMB); Cyprus, Larnaka, leg. Glaszner, 1 specimen (HNHMB); Greece, Andros Is., 21.IV.1960, 1 specimen (BCF); Croazia, Stavi Grad, Hvar Is., 2 specimens (BCF); Dalmazia, Pridworja, leg. Reitter, 1 specimen (HNHMB); Herzegovina, Jablanica, leg. Reitter, 1 specimen (HNHMB); Bosnia, Mostar, 7 specimens (HNHMB); Montenegro, Podgorica, Mustajbeg, 1 specimen (HNHMB).

Distribution. Albania, Bosnia Herzegovina, Croatia, Greece, Italy, Romania, Cyprus, Iran, Israel, Lebanon, Syria, Turkey (LÖBL & LÖBL, 2015). New record for Corfu and Montenegro.

Xantholinus translucidus Scriba, 1870

Examined material. Spain, Sierra de las Nieves, Yunguera env., 36.746903N, 4.979694E, 800 m, leg. A. Schavrin, 13-14.V.2014, 2 specimens (BCF).

Distribution. France, Portugal, Spain, Algeria, Morocco (LÖBL & LÖBL, 2015).

Xantholinus motschulskyi Bordoni, 1999

Examined material. N Iran, Mazandaran, 40 km S Tavar, 660 m, 36.25.12N, 51.16.53E, leg. D. Frenzel, 1.V.2010, 1 specimen (BCF).

Distribution. Northern Iran (Gilan, Mazandaran) (ASSING, 2017).

Xantholinus linearis Olivier, 1795

Examined material. Morocco, Atlas Mountains, pass near Oukaimedon, 31°10'33''N, 007°50'38''E, 2800-2900 m, leg. A. Anichtcenko, 18-20.VI.2000, 1 specimen (BCF).

Distribution. Widespread species in the Western Palaearctic region.

Xantholinus morandi Coiffait, 1958

Examined material. Spain, Estremadura, Guadalupe, puente del Cerezo, leg. G. Fagel, V.1958, 3 specimens (BCF).

Distribution. Italy, Portugal, Spain, Algeria, Morocco (LÖBL & LÖBL, 2015).

Xantholinus azuganus Reitter, 1908

Examined material. Hungary, Korosmezo, leg. Ripta, 1 specimen (BCF); Transv. Alp., Surup, 1 specimen (HNHMB); Bucsecs, leg. Csiki, 1 specimen (HNHMB).

Distribution. Hungary, Romania (LÖBL & LÖBL, 2015).

Xantholinus laevigatus Jacobsen, 1849

Examined material. Croatia, leg. Apfelbeck, 1 specimen (BCF).

Distribution. Widespread species in the Western Palaearctic region. New record for Croatia.

Xantholinus procerus Erichson, 1839

Examined material. Polonia, Miros, leg. T. Koscelny, 7.X.2000, 1 specimen (BCF); Romania, Mehadia (Caros-Severin), leg. J. Frivaldsky, 1885, 1 specimen (HNHMB).

Distribution. Azerbaijan, Albania, Bosnia Erzegovina, Georgia, European Russia, Ukraine, Turkey (LÖBL & LÖBL, 2015). New record for Poland and Romania.

Xantholinus rufipes Lucas, 1846

Examined material. Algeria, leg. Reitter, 1 specimen (BCF).

Distribution. Sicily, Spain, Algeria, Tunisia, Libya (LÖBL & LÖBL, 2015).

Xantholinus biseriatus Bordoni, 2011

Examined material. Caucasus, Georgia, Martkopi, leg. Leder (Reitter), 1 specimen (BCF).

Distribution. Caucasus (BORDONI, 2011). First record since the description of the species.

Xantholinus maritimus Reitter, 1908

Examined material. Maritim Alps, Entraque-Trinita, torrente Bousset, Bu-wald, Exp. Steilhang Blöcke (Kalk), 44°11'47.4''N, 07°28'34.9''E, leg. Schnitter, 3-7.VIII.2008, 1 specimen (NME), 1 specimen (BCF).

Distribution. Southeastern France, Northwestern Italy (LÖBL & LÖBL, 2015).

Xantholinus (Helicophallus) nidgesianus sp. n.

Examined material. Holotype ♂: Turkey, Nigde, near Sekkim Bogaziz Gecidi, Hochsteppe, 1760 m, 38°14'18.3''N, 34°32'25.5''E, leg. Schnitter, 1.V.2006 (NME).

Description. Length of body 9.5 mm; from anterior margin of head to posterior margin of elytra: about 5 mm. Body shiny; head, pronotum and abdomen reddish amaranth; elytra orange with brown scutellum. Head ovoid, barely dilated posteriorly, with widely rounded posterior angles. Surface with few, scattered punctures. Pronotum subrectangular, as long as head, moderately dilated anteriorly, with straight sides and rounded anterior angles. Surface with dorsal series of 7-8 fine and superficial punctuation; lateral series of 4-5 punctures. Elytra as long as pronotum, barely wider than it, with hardly rounded humeral angles. Scutellum large, without punctuation. Abdomen without micro-sculpture, with fine and sparse punctuation on the sides.

Aedeagus as in Fig. 1.

Etymology. The specific name refers to the type locality.

Distribution. The species is known only from the type locality in central south Turkey.

Notes. This species occurs in a mountain range located between those where two other species of *Helicophallus* are found: *Xantholinus tauricus* Bordoni, 1972 (Sultan Daglari) and *Xantholinus multispinosus* Assing, 2007 (Tasatan Yaylasi) (ANLAS, 2014, 2017; ASSING, 2007, 2017), from which it differs in the different structure of the inner sac.



Fig. 1 - *Xantholinus (Helicophallus) nidgesianus* sp. n., aedeagus.

Milichilinus decorus (Erichson, 1839)

Examined material. Greece, Peloponnese, Mount Taygetos, Mystras W Langada Pass S, *Pinus nigra*, *Abies cephalonica*, 1260 m, 37°02'07.4''N, 22°15'00.0''E, leg. Schnitter, Arndt & Neumann, 7.V.2007, 1 specimen (NME).

Distribution. East European species.

Megalinus glabratus (Gravenhorst, 1802)

Examined material. Libya, Dj. Akhdar Vadi, 4 km S Al Bejda, leg. K. Hurka, 26.IV.1980, 2 specimens (NMNHP), 1 specimen (BCF).

Distribution. Widespread species.

Gyrophypnus wagneri (Scheerpeltz, 1926)

Examined material. Morocco, Grand Atlas Mountains, Oukaimedene env., 31° 13'09.5''N, 007° 49'29.7''E, leg. A. Anichtchenko, 18-20.VI.2000, 1 specimen (BCF).

Distribution. Czech Rep., France, Germany, Spain, Algeria, Morocco (LÖBL & LÖBL, 2015).

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