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On some Xantholininae from the Caucasus *)
(Coleoptera, Staphylinidae)

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Abstract

23 species of *Xantholininae* excluding those of the genus *Leptacinus* ERICHSON, 1839, and subgenus *Helicophallus* COIFFAIT, 1956, are enlisted in the Caucasus fauna. For two species the aedoeagus is figured for the first time.

Zusammenfassung

23 Arten der *Xantholininae* außer der Gattung *Leptacinus* ERICHSON, 1839, und der Untergattung *Helicophallus* COIFFAIT, 1956, werden für die Kaukasische Fauna aufgelistet. Für zwei Arten wird erstmals der Aedoeagus abgebildet.

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Introduction

This paper deals with some data on the distribution and bionomics of Caucasian *Xantholininae*, based on the collections of the Zoological Museum of the Moscow State University, Moscow (ZMMU), of some personal donators and of myself (U). The materials treated herein have been shared between the collections of the ZMMU, Zoological Institute of the USSR Academy of Sciences (ZIL), Staatliches Museum für Naturkunde in Stuttgart (SMNS), and U.

All available materials of Caucasian *Xantholininae* have been attempted to be incorporated in the present study. However, the data on both genus *Leptacinus* ERICHSON, 1839, and subgenus *Helicophallus* COIFFAIT, 1956, of *Xantholinus* DEJEAN, 1821, will be published elsewhere.

List of species

1. *Metoponcus scripticollis* (HOCHHUTH, 1849)

Xantholinus scripticollis HOCHHUTH, 1849. - Bull. Soc. Nat. Mosc. 22(1): 106. - COIFFAIT 1972:133 (*Metoponcus scripticollis*).

Material: 1♂ (U) Azerbaidjan, Talysh Mts., Aurora, 14. V. 1980, leg. KOROLEV. - 2♂♂ (ZMMU) 1♀ (SMNS) 1♂ (U) N-Azerbaidjan, Nabran, 7. V. 1984, leg. S. KURBATOV. - 1♂ (U) Krasnodar Prov., Sochi, Adler, leg. V. ZOLOTIKHIN.

Remarks: Apart from the Caucausus, this species is known from Hungary (COIFFAIT 1972).

2. *Gauropterus sanguinipes* REITTER, 1889

Gauropterus sanguinipes REITTER, 1889. Dt. Ent. Zeit.: 275. - COIFFAIT 1972:168.

Material: 1♂ (U) NE-Georgia, Lagodekhi State Reserve, rill bank, under stones, 5. V. 1983, leg. A. RYVKIN. - 1♂ (U) Checheno-Ingushetia, Gudermes, 2. VIII. 1965, leg. V. YANUSHEV.

Remarks: Besides, this species has been found in Asia Minor (COIFFAIT 1972).

3. *Gauropterus sanguinipennis* (KOLENATI, 1846)

Xantholinus sanguinipennis KOLENATI, 1846. - Melet. Ento-

mol.3:14. - COIFFAIT 1972:170 (*Gauropterus sanguinipennis*); BORDONI 1973:179,1975:140 (*Gauropterus sanguinipennis*).

Material: 1♂ (U) 1♀ (ZMMU) Armenia, Megri distr., Nyuvadi, litter and under stones, 24.IV.1983, leg.V.YANUSHEV. - 1♀ (ZMMU) Azerbaidjan, Shemakha, IV.1927, leg.A. BOGACEV. - 1♀ (SMNS) Azerbaidjan, Zuvand, Kialviaz, 16.V.1936, leg.K.ARNOLDI. - 1♂ (U) same locality, 20.V.1936, leg.K.ARNOLDI. - 1♂ 2♀♀ (U) Azerbaidjan, Talysh Mts., Gosmalian, 20.-25.VIII.1985, leg.V.BELOV. - 1♂ (U) Krasnodar Prov., Severskaya distr., Azovskaya, 27.IX.1949, leg.K.ARNOLDI.

Remarks: According to COIFFAIT (1972) *sanguinipennis* has been "signalée d'Arménie, du Caucase, d'Asie Mineure, de Perse et de Crête"; BORDONI (1973,1975) recorded this species from Turkey and Rhodes. I have also seen 7 specimens of this species (U, ZMMU) from Turkmenia, W-Kopet-Dag, Tchandry River, Kemilsay Canyon. This is the first record of *sanguinipennis* from the Asian part of the USSR.

4. *Gyrophypnus* (s.str.) *fracticornis* (MÜLLER,1776)

Staphylinus fracticornis MÜLLER,1776. Zool.Dan.Prodr.: 99. - COIFFAIT 1972:182 (*Gyrophypnus* (s.str.) *fracticornis*); SMETANA 1982:189 (*Gyrophypnus fracticornis*).

Material: 1♂ (U) Armenia, Shikakhokh, near river, on slope under stones, 29.IV.1983, leg.V.YANUSHEV.

Remarks: This species seems to be widespread throughout the Palaearctic Region. It is also known from Argentina (COIFFAIT 1972) and N-America (SMETANA 1982).

5. *Gyrophypnus* (s.str.) *angustatus* STEPHENS,1832

Staphylinus ochraceus GYLLENHAL,1810. Insecta Suec.:352.
Gyrophypnus angustatus STEPHENS,1832. Ill.Brit.Ent.:263.
- COIFFAIT 1972:184 (*Gyrophypnus* (s.str.) *angustatus*);
SMETANA 1982:193 (*Gyrophypnus angustatus*).

Material: 1♂ (U) Armenia, Khosrov State Reserve, swampy meadow near spring, *Angelica*, *Hyacinthus*, *Gramineae*, 20.IV.1983, leg.A.RYVKIN. - 1♂ (U) Armenia, Batabat Lake, near Bitchenek Pass, *Salix*, *Carex*, *Juncus*, under stones,

on ground, unter dung, 22.IV.1983, leg.A.RYVKIN. - 1♂ 2♀♀ (U) Armenia, N of Megry Pass, near rill, litter and under stones, 2000m, 27.IV.1983, leg.A.RYVKIN. - 2♂♂ (U) NE-Georgia, Lagodekhi State Reserve, on slope with brackens, *Melica nutans*, near river, 6.V.1983, leg.A.RYVKIN.

Remarks: This species is widespread in Europe and Siberia. The easternmost locality known to me is environs of Irkutsk (1♂, U). *G. angustata* has also been found in N-America (SMETANA 1982).

6. *Leptolinus (Leptoglenus) cephalotes* KRAATZ, 1858

Leptolinus cephalotes KRAATZ, 1858. Berl. Ent. Zeit. 2: 65. - COIFFAIT 1972: 197 (*Leptolinus (Leptoglenus) cephalotes*).

Material: 1♂ (U) Krasnodar, bank of Kuban River, 6.VI.1983, leg.I.USHAKOV. - 1♀ (ZMMU) same locality, 7.VI.1983, leg.I.USHAKOV. - 1♀ (U) same locality, 18.VI.1983, leg.I.USHAKOV. - 1♀ (U) same locality, 25.VI.1983, leg.I.USHAKOV.

Remarks: This species is distributed throughout the central and eastern part of the Mediterranean as well as in the Caucasus (COIFFAIT 1972, TICHOMIROVA 1973).

7. *Calontholinus fasciatus* (HOCHHUTH, 1849)

Xantholinus fasciatus HOCHHUTH, 1849. Bull.Soc.Nat.Mosc. 22(1):103. - COIFFAIT 1972:200 (*Calontholinus fasciatus*); BORDONI 1974:78 (*Xantholinus (Calontholinus) fasciatus*); PETRENKO 1980:82 (*Xantholinus fasciatus*).

Material: 1♂ 1♀ (ZMMU) Azerbaidjan, Talysh Mts., Alasapin, 800-1000m, 1.VII.1929, leg. K.ARNOLDI. - 1 ex. (U) Talysh Mts., Gosmalian, 19.IV.1980, [leg.?]. - 1♂ (SMNS) 1♂ (U) Talysh Mts., environs of Bilasar, 6.V.1979, leg.V.BELOV. - 3♂♂ 3♀♀ (U) same locality, 11.VIII.1985, leg.V.BELOV. - 1♀ (ZMMU) 1♂ (U) Bilasar, 800-1000m, 7.VI.1936, leg. K.ARNOLDI. - 1♀ Talysh Mts., Alekseevka, in rotten tree, 20.IX.1960, [leg.?].

Remarks: This monotypic genus is known at present only from the Talysh Mts., being there probably endemic.

8. *Nudobius umbratus* (MOTSCHULSKY, 1860)

Xantholinus umbratus MOTSCHULSKY, 1860. Bull. Soc. Nat. Mosc. 33(2):564. - COIFFAIT 1972:208 (*Nudobius umbratus*).

Material: 1♂ (U) Abkhasia, Ritsa State Reserve, Ritsa Lake, under bark of *Alnus*, 16.IX.1985, leg. I.USHAKOV. - 4♂♂ 1♀ (U) same locality, under bark of rotten *Fagus*, 16.IX.1985, leg. I.USHAKOV. - 1♂ 1♀ (U) N-Osetia, Alagir distr., Tsey Canyon, nemoral *Pinus* forest, under bark, 1800m, 17.IX.1983, leg. S.ALEKSEEV. - 1♀ (ZMMU) 1♂ (U) Krasnodar Prov., Yerevanskaya, 25.IX.1953, leg. K.ARNOLDI. - 1♀ (U) Mikhailovsky Pereval, 17.IV.1957, leg. K.ARNOLDI. - 1♀ (U) Krasnodar Prov., Severskaya distr., Ubinskaya, under bark of *Carpinus*, 29.V.1970, leg. V.POTOTSKAYA. - 1♂ (ZMMU) Stavropol Prov., "Cauc. Centr. bor. Teberda leg. A.ZOLOTAREW" (*Othius stenocephalus* REITTER det.).

Remarks: This species seems to be widespread in the forest belts throughout the Caucasus and Transcaucasia. The species occurs in the Crimea (several specimens are preserved in ZIL).

9. *Phalacrolinus laevissimus* (REITTER, 1898)

Xantholinus laevissimus REITTER, 1898. Wien. Ent. Zeit. 17: 116. - COIFFAIT 1972:217 (*Phalacrolinus laevissimus*); BORDONI 1974:75 (*Xantholinus (Megalinus) laevissimus*).

Material: 1♂ (U) Azerbaidjan, Talysh Mts., Hyrcanian Forest, 27.IV.1980, leg. K.KOROLEV. - 1♂ (U) Talysh Mts., environs of Bilasar, 6.IV.1979, leg. V.BELOV.

Remarks: The species is known only from the Talysh Mts. and seems to be endemic there.

10. *Xantholinus (Leptophallus) flavocinctus* (HOCHHUTH, 1849)

Xantholinus flavocinctus HOCHHUTH, 1849. Bull. Soc. Nat. Mosc. 22(1): 102. - COIFFAIT 1972: 257 (*Xantholinus (Leptophallus) flavocinctus*); BORDONI 1972:164, 1974: 58, 1976:84.

Material: 1 ex. (U) Abkhasia, environs of Sukhumi, 16.IX.1976, leg. A.RYVKIN. - 1♂ (ZIL) Dagestan, Derbent, [leg. ?]. - 1♂ 1♀ (ZMMU) Krasnodar Prov., Gelendjik, 16.

IX.1932, leg.SHAPOSHNIKOV.

Remarks: According to BORDONI (1972, 1974, 1976) and COIFFAIT (1972), this species is known at present from C-, S- and SW-Europe, as well as the Crimea, Crete, Cyprus, Palestine and Turkey.

11. *Xantholinus (Calolinus) lederi* COIFFAIT, 1966

Xantholinus (Calolinus) lederi COIFFAIT, 1966. Zool.Zhurn. 45(2):197. - COIFFAIT 1972:264; BORDONI 1974:61.

Material: 1♂ (ZMMU) 1♀ (U) Georgia, 8 km E of Akhaldaba, *Picea-Abies* forest with *Carpinus*, litter, 12.V.1983, leg.S.GOLOVATCH. - 1♂ (U) same locality, *Picea-Abies-Acer* forest, 12.V.1983, leg.A.RYVKIN. - 1♂ (SMNS) 1♂ 1♀ (ZMMU) 1♂ 1♀ (U) Georgia, Borzhomi State Reserve, Baniskhevi Canyon, mixed forest with *Fagus*, *Carpinus*, *Picea*, *Abies* et al., near river, 12.V.1983, leg.S.GOLOVATCH. - 2♂♂ (SMNS) 1♂ (ZMMU) 1♂ 1♀ (U) same locality, *Fagus-Acer-Carpinus* forest + *Corylus* litter, 16.V.1983, leg.A.RYVKIN. - 1♂ (ZMMU) 2♂♂ 1♀ (U) Georgia, Surami Mt. Range, Rikoti Pass, 1000m, 17.V.1983, leg.A.RYVKIN. - 2♂♂ (U) same locality, E-slope, *Carpinus-Fagus* forest with *Rhododendron caucasicum*, 17.V.1983, leg.S.GOLOVATCH. - 1♂ (U) Georgia, Surami near Khashuri, *Pinus*, *Rhododendron*, 12. IV. 1983, leg.S.KURBATOV.

Remarks: This species is known at present from a number of rather close localities in Georgia, Caucasus (see also BORDONI 1974).

12. *Xantholinus (Calolinus) adustus* USHAKOV, 1986

Xantholinus (Calolinus) adustus USHAKOV, 1986. Zool.Zhurn. 65(7):190.

Material: 1♀ (U) Armenia, environs of Megri, road to Lichk, under stones, 25.IV.1983, leg.V.YANUSHEV.

Remarks: This species is known at present from three close localities near Megri, SE-Armenia. (1♂ Paratype in SMNS).

13. *Xantholinus* (s.str.) *armeniacus* COIFFAIT, 1956

Xantholinus (s.str.) *armeniacus* COIFFAIT, 1956. Rev.Fr.

Ent.23:62. - COIFFAIT 1972:270; BORDONI 1974:65
(*Xantholinus (Paraphallus) armeniacus*); COIFFAIT
1978:63 (*Xantholinus* (s.str.) *armeniacus*).

Material: 1♂ (U) Armenia, environs of Megri, Kuris,
canyon with *Quercus* (+ *Acer*, *Crataegus*, *Rosa* sp. etc.),
near river, under stones, on slopes with trickled water,
26.IV.1983, leg.A.RYVKIN. - 1♂ (U) Georgia, Ambrolauri
distr. , Nikortsinda, 19.-28.IV.1983, leg.E.KVAVADZE. -
1♂ (U) N-Osetia, Alagir distr. , Tsey Canyon, *Festuca-
Bromus* subalpine meadow, 2500m, 17.VIII.1982, leg.S.ALE-
KSEEV. - 1♂ (U) same locality, *Betula-Salix* mossy forest
on moraine, 2200m, 1.VIII.1982, leg.S.ALEKSEEV. - 1♂
(SMNS) 1♂ 1♀ (U) same locality, *Acer* forest with forbs,
2000m, 1.VII.1982, leg.S.ALEKSEEV. - 2♂♂ (U) 1♀ (ZMMU)
same data, 9.VII.1982, leg.S.ALEKSEEV.

Remarks: This species is known from Ukraine, the Cri-
mea (BORDONI 1974) and Turkey (COIFFAIT 1978).

14. *Xantholinus (Acanthophallus) reitteri* COIFFAIT, 1966

Xantholinus (Acanthophallus) reitteri COIFFAIT, 1966. Zool.
Zhurn.45(2):198. - COIFFAIT 1972:286; BORDONI 1974:
64.

Material: 2♀♀ (ZMMU) 1♀ (U) Abkhazia, Gagra, 2.-3.IX.
1977, leg.V.BELOW. - 1♂ 2♀♀ (U) Abkhazia, N of Sukhumi,
Akhalsheeni, meadow, under dung, 22.IX.1985, leg.I.USHA-
KOV. - 1♂ 1♀ (U) Abkhazia, Gumista State Reserve, Nizhny
Tsumur, meadow at bank of E-Gumista River, under stones,
23.IX.1985, leg.I.USHAKOV. - 1♀ (SMNS) 1♂ (U) Abkhazia,
environs of Sukhumi, 16.IX.1976, leg.A.RYVKIN. - 1♂ (U)
Adjara, Batumi Botanical Garden, under stones, 11.X.
1974, leg.V.YANUSHEV.

Remarks: This species was originally described from
Svanetia, NW-Georgia, and BORDONI (1974) cited it from
the Talysh Mts. It seems to be widespread in the Caucasus.

15. *Xantholinus (Heterolinus) caucasicus* BORDONI, 1974

Xantholinus (Heterolinus) caucasicus BORDONI, 1974. Mem.
Soc.Ent.Ital.53:73. - BORDONI 1970-71:684 (*Xantholi-
nus (Megalinus) crassicornis*).

Material: 2♂♂ 1♀ (U) Abkhazia, Ritsa State Reserve, Auadkhara, 1600–1700m, near *Fagus* trees, forest with *Fagus*, *Abies*, brackens, *Rubus*, *Gallium*, litter, 18.IX.1985, leg.I.USHAKOV. – 1♀ (U) Abkhazia, Ritsa State Reserve, 47 road-km to Auadkhara, forest with *Acer pseudoplatanus*, *Ulmus*, *Abies*, *Fraxinus*, *Paris*, *Ilex* et al., 11.IX.1985, leg.I.USHAKOV. – 1♂ (U) Ritsa State Reserve, Ritsa Lake, *Fagus* forest with brackens near stream, litter, 11.IX.1985, leg.I.USHAKOV. – 1♂ (U) N of Ritsa Lake, ca.1300m, among *Vaccinium caucasicum*, forest with *Abies*, young *Fagus*, *Gramineae*, *Menta* et al., 13.IX.1985, leg.I.USHAKOV. – 1♂ (U) same locality, on glade with dense brackens, 15.IX.1985, leg.I.USHAKOV. – 1♀ Armenia, Dilizhan State Reserve, Agartsin Canyon, 17.IV.1983, leg.V.YANUSHEV. – 1♀ (U) Georgia, environs of Bakuriani, forest litter, near rills, 13.V.1983, leg.A.RYVKIN. – 1♂ (U) Krasnodar Prov., Caucasian State Reserve, Pslukh, ca.20 km E of Krasnaya Poliana, Mt.Kogot, *Abies-Fagus-Carpinus* litter, 18.V.1985, leg.A.RYVKIN. – 2♀♀ (ZMMU) 2♂♂ (U) same locality, slope of Mt.Kogot, *Abies-Fagus* forest with *Oxalis*, *Viola*, *Fraxinus* et al., 19.V.1985, leg.A.RYVKIN. – 1♀ (U) same locality, *Abies* forest with *Fagus*, *Alnus* and *Carpinus* near upper timber line, litter, 19.V.1985, leg.A.RYVKIN. – 1♂ (U) Caucasian State Reserve, Pslukh, *Fagus-Carpinus-Alnus* forest with brackens on slope near river, 20.V.1985, leg.A.RYVKIN. – 5♂♂ (U) N-Osetia, Alagir distr., Tsey Canyon, *Betula-Salix* mossy forest on moraine, 2200m, 2.VIII.–29.IX.1982, leg.S.ALEKSEEV. – 1♂ (SMNS) 3♂♂ 2♀♀ (ZMMU) 1♂ (U) same locality, *Acer* forest with tall grass, 2000m, 2.VIII.–29.IX.1982, leg.S.ALEKSEEV. – 5♂♂ (ZMMU) 2♂♂ (U) same locality, nemoral *Pinus* forest, 1750m, 9.VIII.–30.IX.1982, leg.S.ALEKSEEV. – 2♀♀ (SMNS) 5♂♂ 8♀♀ (ZMMU) 1♂ (U) same locality, *Alnus* forest with tall grass, 1750 m, 9.VIII.–31.VIII.1982, leg.S.ALEKSEEV. – 5♂♂ 3♀♀ (ZMMU) 1♂ (U) same locality, *Gramineae* meadow with forbs, in forest zone, 1800m, 30.VI.–31.IX.1982, leg.S.ALEKSEEV. – 1♀ (U) same locality, xerophytic *Pinus* forest with *Carex* forbs, 1900–2000m, 1.VII.1982, leg.S.ALEKSEEV. – 4♂♂ 3♀♀ (U) same locality, N-slope of Kalpersky Mt. Ridge, *Rhododendron*, 2500m, 10.VII.–30.IX.1982, leg.S.ALEKSEEV. – 4♂♂ 6♀♀ (ZMMU) 5♂♂ 1♀ (U) same locality, unclosed plant

association on moraine of Kalpersky Glacier, subnival zone, 2800-3000m, 10.VII.-30.IX.1982, leg.S.ALEKSEEV. - 3♀♀ (ZMMU) 1♀ (U) same locality, S-slope of Tsey Mt.Ridge, near upper timber line, 1.VII.-17.VIII.1982, leg.S.ALEKSEEV. - 1♀ (U) Stavropol Prov., Teberda State Reserve, Baduk Canyon, *Picea*, *Abies*, brackens, *Oxalis* et al., 1400-1600m, 3.IV.1985, leg.A.RYVKIN. - 2♀♀ (ZMMU) 3♂♂ (U) Teberda State Reserve, at foot of Mt.Malaya Khatipara, *Fagus* forest with *Abies* and brackens, 4.IV.1985, leg. A.RYVKIN. - 1♂ 1♀ (ZMMU) 1♂ 1♀ (U) Mt.Malaya Khatipara, SW-slope, *Abies* forest, 3.V.1968, leg.T.PEREL. - 1♂ 1♀ (U) same locality, *Abies* forest, 8.V.1968, leg.T.PEREL. - 1♂ (U) same locality, *Fagus* forest, dung, 4.V.1968, leg. T.PEREL. - 2♂♂ 1♀ (U) same locality, W-slope, *Abies* forest, 6.V.1968, leg.T.PEREL. - 1♂ (U) same locality, near rill tussocks with *Carex*, *Gramineae* et al., 30. V. 1985, leg.A.RYVKIN. - 1♀ (U) same locality, *Betula-Acer* forest (+ *Corylus*, *Salix* et al.), 30.V.1985, leg.A.RYVKIN. - 1♀ (U) same locality, alluvium near rill, 2.VI.1985, leg.A.RYVKIN. - 1♀ (U) same locality, *Fagus* forest (+ *Picea*, *Abies*, brackens, *Asperula*, *Oxalis* et al.), 30.V.1985, leg. A.RYVKIN. - 2♂♂ 2♀♀ (U) Teberda State Reserve, Dombay, *Fagus-Acer* forest with *Trollius*, *Salix* and *Alnus*, 31.V. 1985, leg.A.RYVKIN. - 1♂ 2♀♀ (U) same locality, *Abies* forest with *Fagus* et al., 31.V.1985, leg.A.RYVKIN. - 1♂ (U) same locality, *Abies* forest with *Fagus*, *Oxalis*, brackens et al., 31.V.1985, leg.A.RYVKIN. - 1♂ 1♀ (U) Dombay, Russkaya Poliana, meadow slope with *Trollius*, *Gramineae* et al., 31.V.1985, leg.A.RYVKIN. - 2♂♂ (U) Teberda State Reserve, Gonatchkhir Canyon, *Betula* forest with *Acer*, *Alnus*, *Gramineae*, *Convallaria majalis*, 1.VI.1985, leg. A. RYVKIN. - 1♂ (U) same locality, *Betula*, *Fagus* et al., *Abies-Picea* forest with *Oxalis* on steep slope, 1.VI.1985, leg.A.RYVKIN. - 1♀ (U) same locality, *Abies* forest, SE-slope, 10.V.1968, leg.T.PEREL. - 1♂ 1♀ (U) Stavropol Prov., Zelentchukskaya distr., Arkhyz site of Teberda State Reserve, bog with *Carex* spp., *Juncus* spp., mosses et al., 5.VI.1985, leg.A.RYVKIN.

Remarks: According to BORDONI (1974), this species is also known from NE-Turkey.

16. *Xantholinus (Heterolinus) fortepunctatus* MOTSCHULSKY, 1860

Xantholinus fortepunctatus MOTSCHULSKY, 1860. Bull. Soc. Nat. Mosc. 30(2):564. - BORDONI 1974:70 (*Xantholinus (Heterolinus) semirufus*).

Material: 1♀ (ZMMU) Azerbaidjan, Baku, leg. A. BOGACHEV. - 2♂♂ (U) E-Georgia, Vashlovan State Reserve, bank of salt rill, 9.V.1983, leg. V. YANUSHEV. - 1 ex. (ZMMU, the MOTSCHULSKY Collection) Stavropol Prov., Piatigorsk.

Remarks: This species is known to me from the Crimea, Moldavia and Middle Asia as well.

17. *Othius punctulatus* (GOEZE, 1777)

Staphylinus punctulatus GOEZE, 1777. Ent. Beitr.:730. - COIFFAIT 1972:340 (*Othius punctulatus*), 1978:163.

Material: 1♂ (SMNS) 2♂♂ (ZMMU) 6♂♂ 1♀ (U) Azerbaidjan, Khanlar distr., Geygiol State Reserve, forest on slope with *Fagus*, *Acer*, *Carpinus*, *Betula* and young *Taxus*, litter, 1900m, 3.V.1983, leg. S. GOLOVATCH. - 1♂ (U) Armenia, Dilizhan State Reserve, Agartsin Canyon, *Fagus* forest, litter, 17.IV.1983, leg. A. RYVKIN.

Remarks: This is a widespread species known from Europe, Siberia and N-Africa (COIFFAIT 1972). It was also found in Turkey (COIFFAIT 1978). This species seems to be rare in the Caucasus.

18. *Othius grandis* HOCHHUTH, 1849

Othius grandis HOCHHUTH, 1849. Bull. Soc. Nat. Mosc. 22(1):99. - COIFFAIT 1972:342; PETRENKO 1980:81.

Material: 1♂ (U) Abkhazia, Ritsa State Reserve, Auadkhara, 1600-1700 m, forest with *Abies*, *Fagus*, brackens, *Rubus*, *Gallium*, litter, 18.IX.1985, leg. I. USHAKOV. - 1♀ (U) Azerbaidjan, Khanlar distr., Geygiol State Reserve, forest on slope with *Fagus*, *Acer*, *Carpinus*, *Betula* and young *Taxus*, litter, 1900m, 3.V.1983, leg. S. GOLOVATCH. - 1♀ (U) same locality, 3.V.1983, leg. V. YANUSHEV. - 2♂♂ 1♀ (U) Georgia, Borzhomi distr., Bakuriani, 9.V.1971, [leg.?]. - 1♀ (U) Krasnodar Prov., Pslukh ca. 20 km E of Krasnaya

Poliana, Mt.Kogot, *Abies-Fagus-Carpinus* litter, 18.V.1985, leg.A.RYVKIN. - 1♂ 1♀ (U) same locality, under stones in dry rill, under upper timber line, 18.V.1985, leg.P.YE-RIOMIN. - 1♂ (U) same locality, *Fagus-Alnus-Carpinus* forest, near upper timber line, litter, 18.V.1985, leg.A.RYVKIN. - 1♂ (U) Caucasus State Reserve, Abago Pasture near Guzeripl, under beam, 1650m, 24.V.1985, leg.A.RYVKIN. - 1♂ 1♀ (U) same locality, *Fagus* forest with *Betula* and young dense *Abies*, near upper timber line, 24.V.1985, leg.A.RYVKIN. - 1♀ (SMNS) 1♂ (ZMMU) 2♂♂ 1♀ (U) same locality, *Fagus* forest with *Abies*, *Sorbus* et al., 24.V.1985, leg.A.RYVKIN. - 2♂♂ 1♀ (U) same locality, wet meadow near rill and *Salix* litter, 25.V.1985, leg.A.RYVKIN. - 1♂ 1♀ (U) same locality, 1900m, near upper timber line, litter, 25.V.1985, leg.S.GOLOVATCH. - 1♂ (ZMMU) N-Osetia, "Monts prope Vladikavkas [= Ordzhonikidze], 4-5000', leg. A.ZOLOTAREV". - 1♂ (U) N-Osetia, Alagir distr., Tsey Canyon, *Acer* forest with tall grass, 2000m, 2.VIII.1982, leg. S.ALEKSEEV. - 2♂♂ (U) same locality, xerophytic *Pinus* forest with *Carex* and other forbs, 2000m, 1.VII.1982, leg. S.ALEKSEEV. - 1♂ (SMNS) 3♂♂ (ZMMU) 3♂♂ (U) same locality, N-slope of Kalpersky Mt. Ridge, *Rhododendron*, 2500m, 29.VI.-30.IX.1982, leg.S.ALEKSEEV. - 1♂ (U) same locality, unclosed plant association on moraine of Kalpersky Glacier, subnival zone, 2800-3000m, 16.VII.1982, leg.S.ALEKSEEV. - 1♂ (ZMMU) Stavropol Prov., Piatigorsk, 4.VIII.1901, leg. ZAKHAROV. - 1♀ (ZMMU) Stavropol, 25.IX.1965, leg.A.BOGACEV. - 3♀♀ (ZMMU) 2♂♂ (U) Stavropol Prov., Teberda State Reserve, at foot of Mt.Malaya Khatipara, *Fagus* forest with *Abies* and brackens, 4.VI.1985, leg.A.RYVKIN. - 1♀ (U) same locality, *Rhododendron*, *Pinus*, young *Betula*, mosses, 29.V.1985, leg.A.RYVKIN. - 1♀ (U) same locality, near rill, tussocks with *Carex*, *Gramineae*, *Trollius* et al., 30.V.1985, leg.A.RYVKIN. - 1♀ (U) same locality, near rill, *Salix-Betula* litter, tussocks, 30.V.1985, leg.A.RYVKIN. - 1♀ (ZMMU) 1♂ 1♀ (U) same locality, subalpine meadow, under stones, 30.V.1985, leg.P.YERIOMIN. - 1♀ (ZMMU) 1♂ 1♀ (U) same locality, *Fagus* forest, (+ *Picea*, *Abies*, brackens, *Asperula*, *Oxalis* et al.), 30.V.1985, leg.A.RYVKIN. - 1♀ (U) Teberda State Reserve, Baduk Canyon, *Betula* and *Acer* forest with *Fagus*, *Lonicera*

et al., 1700–1800m, 3.VI.1985, leg.A.RYVKIN. – 1♀ (ZMMU) Teberda State Reserve, Dombay, *Fagus-Alnus-Salix-Acer* forest, 31.V.1985, leg.A.RYVKIN. – same locality, *Abies* forest with *Fagus* et al., 31.V.1985, leg. A. RYVKIN. – 1♀ (SMNS) 1♀ (ZIL) 1♂ (U) same locality, *Abies* forest with *Fagus* (*Oxalis*, brackens et al.), 31.V.1985, leg.A.RYVKIN. – 1♀ (U) Dombay, Russkaya Poliana, meadow on slope with *Trollius*, *Gramineae* et al., 31.V.1985, leg. A. RYVKIN. – 1♂ 1♀ (U) Teberda State Reserve, Gonatchkhir Canyon, *Picea* and *Betula* forest, *Fagus* et al., 1700–1900m, 1.VI.1985, leg.S.GOLOVATCH. – 2♂♂ (U) same locality, *Picea* forest, 13.V.1968, leg.T.PEREL. – 1♀ (U) same locality, 1.VI.1985, leg.P.YERIOMIN. – 1♂ (U) Stavropol Prov., Zelen-tchukskaya distr., Arkhyz site of Teberda State Reserve, bog with *Carex* spp., *Juncus* spp., mosses et al., 5. VI. 1985, leg.A.RYVKIN.

Remarks: This species is very common in the mountainous forests of the Caucasus, but it may occur in plain forests as well. To the south of the Caucasus Major, this species seems to be more rare. The records of it from the Crimea (JACOBSON 1905–13, TICHOMIROVA 1973, PETRENKO 1980) are very doubtful. According to COIFFAIT (1972), *grandis* has been found in Turkey.

19. *Othius stenocephalus* EPPELSHEIM, 1880

Othius stenocephalus EPPELSHEIM, 1880. Verh.zool.–bot.Ges. Wien 30:506. – COIFFAIT 1972:348, 1978:163.

Material: 2♂♂ 1♀ (U) Abkhazia, Ritsa State Reserve, N of Ritsa Lake, among *Vaccinium caucasicum* in forest with *Abies*, young *Fagus*, *Gramineae*, *Menta* et al., ca. 1300 m, litter, 13.IX.1985, leg.I.USHAKOV. – 1♀ (U) Ritsa State Reserve, environs of Ritsa Lake, 47 road–km to Auadkhara, forest with *Acer pseudoplatanus*, *Ulmus*, *Abies*, *Fraxinus*, *Ilex*, *Paris* et al., 11.IX.1985, leg.I.USHAKOV. – 1♀ (U) Krasnodar Prov., Caucasian State Reserve, Pslukh, ca. 20 km E of Krasnaya Poliana, Mt.Kogot, 18.V.1985, leg.A. RYVKIN. – 1♂ (U) Caucasian State Reserve, Abago Pasture near Guzeripl, *Acer* forest near upper timber line, 25.V. 1985, leg.A.RYVKIN. – 2♂♂ (U) same locality, 25.V.1985, leg.S.GOLOVATCH. – 1♀ (ZMMU) 1♂ (U) same locality, wet

meadow near rill and *Salix* litter, 25.V.1985, leg.A.RYVKIN. - 1♀ (U) same locality, *Fagus* forest with *Abies* and *Sorbus*, 25.V.1985, leg. A. RYVKIN. - 4♂♂ (U) N-Osetia, Alagir distr. , Tsey Canyon, *Festuca-Bromus* subalpine meadow, 2500m, 15.VIII.1982, leg.S.ALEKSEEV. - 8♀♀ (ZMMU) 10♂♂ 2♀♀ (U) same locality, *Betula-Salix* mossy forest on moraine, 2200m, 2.VIII.-29.IX.1982, leg.S.ALEKSEEV. - 3♂♂ 1♀ (U) same locality, *Acer* forest with tall grass, 2000m, 2.VIII.-31.VIII.1982, leg.S.ALEKSEEV. - 2♀♀ (U) same locality, nemoral *Pinus* forest, 1750m, 31.VIII.-30.IX.1982, leg.S.ALEKSEEV. - 1♀ (SMNS) 2♀♀ (ZMMU) 3♂♂ (U) same locality, *Alnus* forest with tall grass, 1750m, 9.VIII.-31.VIII.1982, leg.S.ALEKSEEV. - 4♂♂ (ZMMU) 4♂♂ (U) same locality, *Gramineae* meadow with forbs, forest zone, 1800m, 28.VII.-31.VIII.1982, leg.S.ALEKSEEV. - 1♂ (SMNS) 9♀♀ (ZMMU) 10♂♂ 2♀♀ (U) same locality, N-slope of Kalpersky Mt. Ridge, *Rhododendron*, 2500m, 29.VI.-31.VIII.1982, leg. S.ALEKSEEV. - 1♀ (SMNS) same locality, unclosed plant association on moraine of Kalpersky Glacier, subnival zone, 2800-3000m, 9.VIII.1982, leg.S.ALEKSEEV. - 4♀♀ (ZMMU) 6♂♂ (U) same locality, alpine meadow with *Festuca* and other grasses, 3000m, 1.VII.-10.VIII.1982, leg.S.ALEKSEEV. - 4♂♂ 4♀♀ (U) same locality, S-slope of Tsey Mt. Ridge, upper timber line, 2500m, 1.VIII.-4.IX.1982, leg.S.ALEKSEEV. - 1♀ (U) Stavropol Prov., Teberda State Reserve, at foot of Mt.Malaya Khatipara, near rill, *Calamagrostis* et al., 2.VI.1985, leg.A.RYVKIN. - 1♂ (U) Mt.Malaya Khatipara, *Rhododendron*, *Pinus*, young *Betula*, mosses, 29.V.1985, leg.A.RYVKIN. - 1♂ (U) same locality, near rill, tussocks with *Carex*, *Gramineae* et al., 30. V. 1985, leg.A.RYVKIN. - 1♀ (U) same locality, *Betula-Acer* forest (+ *Corylus*, *Salix* et al.), 30.V.1985, leg.A.RYVKIN. - 1♀ (U) same locality, *Fagus* forest with *Abies*, *Picea*, brackens, *Asperula*, *Oxalis* et al., 30.V.1985, leg. A.RYVKIN. - 1♀ (U) same locality, *Populus tremula* forest near river, 30.V.1985, leg.A.RYVKIN. - 1♂ 1♀ (U) Teberda State Reserve, Baduk Canyon, *Betula* and *Acer* forest with *Lonicera*, *Fagus* et al., 1700-1800m, leg.A.RYVKIN. - 2♂♂ 1♀ (U) Stavropol Prov., Zelentchukskaya distr., Arkhyz site of Teberda State Reserve, *Picea* forest with *Abies*, *Fagus* and *Betula* on steep slope, 5.VI.1985, leg.A.RYVKIN.

Remarks: This species seems to be widespread throughout the Caucasus excluding its eastern part. COIFFAIT (1972, 1978) recorded this species from the Balkans and Turkey.

20. *Othius zolotarevi* ROUBAL, 1911

Othius zolotarevi ROUBAL, 1911. Bull.Soc.Ent.Fr.:401.

Material: 1♂ 1♀ (U) Abkhazia, Bzyb Mts., 8 km N of Duripsh, 1600m, 14.X.1983, leg.Y.MESHKOV. - 1♀ (ZMMU) 1-3 km N of Duripsh, 300-500m, forest with *Castanea*, *Fagus* and *Pinus*, litter, 8.IX.1985, leg.I.USHAKOV. - 1♂ (U) same locality, *Fagus* forest, litter, 9.IX.1985, leg. I. USHAKOV.

Remarks: This species seems to be endemic in Abkhazia. The first illustration of the aedoeagus of *zolotarevi* is presented in Fig.1.

21. *Othius jadvigae* ROUBAL, 1911

Othius jadvigae ROUBAL, 1911. Čas.Česk.spol.Ent.8(1):5.

Material: 1♀ (SMNS) 2♀♀ (ZMMU) 4♂♂ (U) Krasnodar Prov., Caucasian State Reserve, Abago Pasture near Guzeripl, *Fagus* forest with *Betula* and young *Abies* near upper timber line, 24.V.1985, leg.A.RYVKIN. - 1♂ 1♀ (U) same locality, *Fagus* forest with *Abies*, *Sorbus* et al., 24.V.1985, leg.A.RYVKIN. - 1♂ (U) same locality, *Acer* forest near upper timber line, 25.V.1985, leg.A.RYVKIN. - 2♂♂ 1♀ (U) same locality, forest litter, 25.V.1985, leg.S. GOLOVATCH.

Remarks: This species is known only from W-Caucasus. Its aedoeagus is pictured in Fig.2 for the first time.

22. *Baptolinus affinis caucasius* ROUBAL, 1933

Baptolinus affinis caucasius ROUBAL, 1933. Ent.Nachr.7:77 (nec COIFFAIT 1972:363). - COIFFAIT 1972:363, 1978:163.

Material: 4♀♀ (U) Abkhazia, Bzyb Mts., 1-3 km N of Duripsh, in rotten *Fagus*, 9.IX.1985, leg.I.USHAKOV. - 1♀ (U) Abkhazia, Ritsa State Reserve, Auadkhara, 1600-1700m,

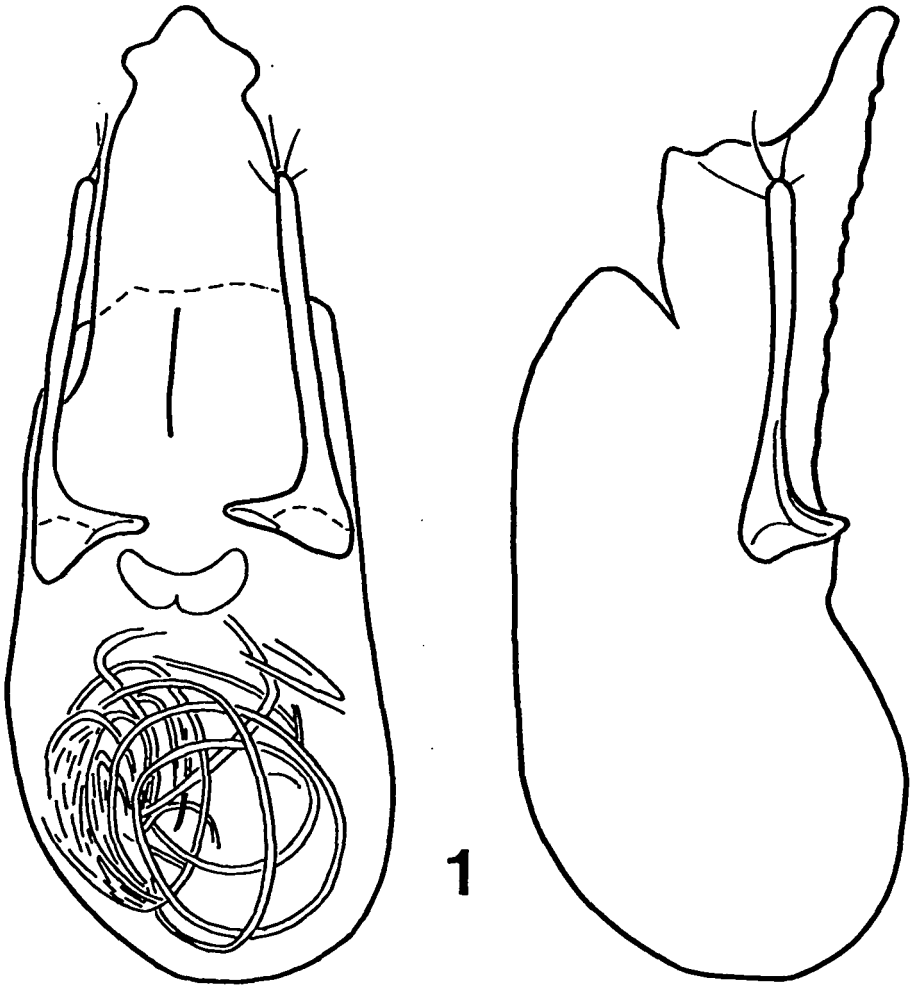


Fig.1: *Othius zolotarevi* ROUBAL,1911, aedeagus.

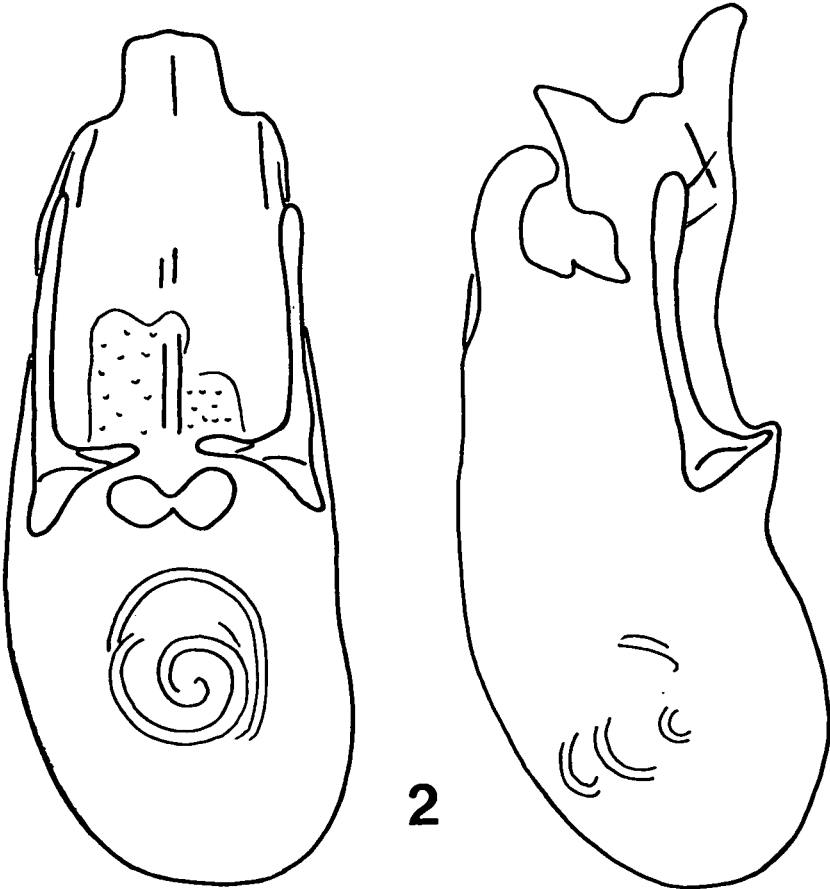


Fig.2: *Othius jadwigae* ROUBAL,1911, aedoeagus.

under bark of rotten *Abies*, 18.IX.1985, leg.I.USHAKOV. - 2♂♂ (ZMMU) 1♂ (U) Abkhazia, environs of Sukhumi, Kashtak, 11.-15.V.1972, leg.DUBROVIN & BELOV. - 1♂ (U) Adjaria, Zeliony Mys, Botanical Garden, 26.IV.1971, leg.V.YANUSHEV. - 1♂ (U) SW-Georgia, 14 km E of Adigeni, bog with *Carex* and mosses near rill, 14.V.1983, leg.A.RYVKIN. - 1♀ (ZMMU) 2♀♀ (U) Georgia, Lagodekhi State Reserve, forest with *Acer*, *Carpinus* and *Fraxinus*, 5.-6.V.1983, leg.S.GOLOVATCH. - 1♂ (SMNS) Krasnodar Prov., Goriatchy Klutch, 18.X.1951, leg.K.ARNOLDI. - 1♀ (SMNS) 1♂ 2♀♀ (ZMMU) 1♂ (U) Krasnodar Prov., environs of Krasnaya Poliana, Atchishkho Mts., near source of Atchipsa River, 1400-2100m, 1.-10.VII.1983, leg.I.& B.BORISOV. - 1♂ (SMNS) Stavropol Prov., Teberda State Reserve, Mt.Malaya Khatipara, tussocks with *Salix-Betula* litter, near rill, 30.V.1985, leg.A.RYVKIN.

Remarks: *B. affinis caucasius* is widespread throughout the Caucasus. It has also been found in Turkey (COIFFAIT 1978).

23. *Platyprosopus* (s.str.) *elongatus* MANNERHEIM, 1830

Platyprosopus elongatus MANNERHEIM, 1830. Préc. nouv. arrang.fam.Brachélytres:36. - COIFFAIT 1972:377 (*Platyprosopus* (s. str.) *elongatus*); PETRENKO 1980: 81 (*Platyprosopus elongatus*).

Material: 1♀ (ZMMU) Abkhazia, Novy Afon, 11.VIII.1926, leg. N.FILIPPOV. - 1♀ (U) Azerbaidjan, environs of Geoktchay, on light, 22.VII.1981, leg.V.SEMENOV. - 1♂ (ZMMU) Azerbaidjan, Mingetchaur, [leg. ?]. - 1♀ (ZMMU) Azerbaidjan, Elizavetpol [= Kirovabad], VIII.1909, [leg. ?]. - 2♀♀ (ZMMU) Azerbaidjan, Sabirabad, delta of Araks River, 30.V.1929, leg.S.KUDRJAWTSEW.

Remarks: This species is distributed in SE-Europe, the Caucasus, N-Iran and Middle Asia. It is known to me from Tadzhikistan and the Crimea.

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