

Taxonomic and zoogeographical notes on the family Cerambycidae (Coleoptera) of Russia and adjacent regions.

Таксономические и зоогеографические заметки по семейству Cerambycidae (Coleoptera) России и соседних территорий.

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KEY WORDS: taxonomy, zoogeography, Russia, Armenia, Nakhichevan, Kirgizia, Central Asia, Cerambycidae, new synonymy, *Turkaromia* gen.n.

КЛЮЧЕВЫЕ СЛОВА: таксономия, зоогеография, Россия, Армения, Нахичевань, Киргизия, Средняя Азия, Cerambycidae, новая синонимия, *Turkaromia* gen.n.

ABSTRACT: *Cortodera cirsii* Holzschuh, 1975 and *Agapanthia salvia* Holzschuh, 1975 were mistakenly recorded [Kaziuchitz, 1988] for the fauna of the USSR due to wrong identification of material. Up to now these species are known only from Anatolia. *Tetropium staudingeri* ab. *laticolle*, regardless of Podany's [1967] opinion, is not a species proprie, but only an aberration, just as it was described. *Aromia pruinosa* Rtt. was placed by Plavilshchikov in the subgenus *Tomentaromia* Plav., which is a synonym of *Aphrodisium* Thoms. *A. pruinosa* Rtt. has no connections with *Aphrodisium* Thoms. and must be placed in the new genus *Turkaromia* gen.n. (type species: *Aromia pruinosa* Reitter). *Purpuricenus sideriger* Fairm. is recorded for the fauna of Russia from Ussuri region for the first time. *Oberea inclusa* Pasc. is a good species (not a synonym of *O. vittata* Bless.) and seems to be absent from the fauna of Russia. Five new synonymies are established: *Pidonia malthinoides* (Kraatz, 1879) = *Pidonia quercus* (Cherepanov, 1975), *Leptepania okunevi* (Shabliovsky, 1936) = *Molorchus incognitus* Cherepanov, 1985, *Chlorophorus obliteratus* Ganglbauer, 1889 = *Ch.ubsanurensis* Cherepanov, 1971, *Xylotrechus asellus* (Thieme, 1881) = *X. grumi* Semenov, 1889, *Agapanthia lederi* Ganglbauer 1884 (= *A. helianthi* Plav.) = *Agapanthia lopatini* Kaziuchitz, 1988, syn. nn.

РЕЗЮМЕ: *Cortodera cirsii* Holzschuh, 1975 и *Agapanthia salvia* Holzschuh, 1975 были ошибочно приведены [Казючиц, 1988] для фауны СССР в связи с неправильным определением материала. Эти виды до сих пор известны только из Анатолии. *Tetropium staudingeri* ab. *laticolle*, вопреки мнению Podany [1967], не является

самостоятельным видом, а лишь aberrацией, в качестве которой и был описан. *Aromia pruinosa* Rtt. была помещена Плавильщиковым в подрод *Tomentaromia* Plav., который является синонимом *Aphrodisium* Thoms. *A. pruinosa* Rtt. не имеет никакого отношения к *Aphrodisium* Thoms. и должна быть выделена в самостоятельный род *Turkaromia* gen. n. (type species: *Aromia pruinosa* Reitt.). *Purpuricenus sideriger* Fairm. впервые приводится для фауны России по экземпляру из Уссурийского края. *Oberea inclusa* Pasc. является самостоятельным видом (а не синонимом *O. vittata* Bless.) и, по-видимому, отсутствует в фауне России. Установлено пять новых синонимов: *Pidonia malthinoides* (Kraatz, 1879) = *Pidonia quercus* (Cherepanov, 1975), *Leptepania okunevi* (Shabliovsky, 1936) = *Molorchus incognitus* Cherepanov, 1985, *Chlorophorus obliteratus* Ganglbauer, 1889 = *Ch.ubsanurensis* Cherepanov, 1971, *Xylotrechus asellus* (Thieme, 1881) = *X. grumi* Semenov, 1889, *Agapanthia lederi* Ganglbauer 1884 (= *A. helianthi* Plav.) = *Agapanthia lopatini* Kaziuchitz, 1988, syn. nn.

The fauna of Russian Longicorn beetles remains still poorly investigated. Each year we find many new species and many taxonomic problems have to be solved. Some new results and ideas are summarized in this paper.

Pidonia (s. str.) *malthinoides* (Kraatz, 1879)

Grammoptera alticollis var. *malthinoides* Kraatz, 1879. Deut. ent. Z., 23: 104 (Amur).

Pseudopidonia quercus Cherepanov, 1975. Таксономия и экология животных Сибири (Новые и малоизвестные виды

фауны Сибири, вып. 9) [New and little known species of Siberian fauna, part 9], Новосибирск, «Наука»: 38-42 (Ussuriisk), syn.n.

Type specimen of *G.malthinoides* (Kr.) was investigated and precisely described by Dr. Sh.Saito [1992]. The author paid attention to the close resemblance between type specimen and a specimen of *P.querqus* Cher., which was sent by me to Dr. N.Ohbayashi. Dr. Saito could not establish the new synonymy as he was unable to examine the type of *P.querqus* Cher. I have identified my specimens of *P.querqus* Cher. by comparison with Cherepanov's holotype in Novosibirsk. So, *Pidonia quercus* (Cherepanov, 1975) = *Pidonia malthinoides* (Kraatz, 1879), syn.n.

Cortodera cirsii Holzschuh, 1975.

Cortodera cirsii Holzschuh, 1975. Zeit. Arb. Osterr. Ent., 26 (2-4), 1974 (1975): 82 (Anatolia).

The species was recorded [Kaziuchitz, 1977] from Nakhichevan.

Thanks to the courtesy of Mr. V.Zubachik (Vilnius), who has recently bought the collection of Mr. A.Kaziuchitz (Minsk), I was able to investigate some specimens from these materials including unique female from Nakhichevan (Buzgov), which was identified by Mr. Kaziuchitz as *C.cirsii* Holz. In reality it was a black female of *Cortodera umbripennis* Reitter, 1890. Up to now there are no evidences of presence of *C.cirsii* Holz. in Transcaucasia.

Tetropium staudingeri Pic, 1901

Tetropium staudingeri Pic, 1901. Mat. Long., 3 (3): 11 (Mont Alexander).

Tetropium tjanshanicum Semenov, 1907. Rev. Russe d'Entom., 6: 263 (Przhevalsk).

Tetropium tjanshanicum ab.*laticollis* Semenov, 1907. Rev. Russe d'Entom., 6: 263 (Przhevalsk).

Tetropium laticolle: Podany, 1967. Bull. Soc. Ent. Mulhouse, 4-5: 37-38.

The type specimen (female) of *T.tjanshanicum* ab.*laticollis* Sem., (which I studied at the Zoological Museum in St. Petersburg) was collected along with the type series (4 males and 3 females) of nominative form in the same locality. It differs only by a little broader prothorax, but the proportions of prothorax are rather variable in all *Tetropium*. So, it is impossible to agree with opinion of Podany [1967], who raised this aberration to a specific level. According to his paper, Podany did not see the type, he had only some Chinese specimens at his disposal. One of those specimens was separated as «m. chinese»; may be all of them belong to a good species.

Turkaromia gen.n.

Type species: *Aromia pruinosa* Reitter, 1903 (Kuldzha).

Aromia subgen. *Tomentaromia* Plavilshchikov, 1934 (part.). Best.-Tab.Eur. Col., 112: 52. Type species: *Callichroma faldermannii* Saunders, 1850 (North China).

The type species of *Tomentaromia* Plav. - *C.faldermannii* Saund. belongs to the genus *Aphrodisium* Thomson, 1864 (type species: *Callichroma cantori* Hope 1840). The synonymy: *Aphrodisium* Thomson, 1864 = *Tomentaromia* Plavilshchikov, 1934 was published by Gressitt, Rondon, Breuning [1970, p. 143].

Aromia pruinosa Reitt. has no connection with *Aphrodisium* Thoms.

Unlike most *Aphrodisium* it has long slender antennae (male antennae much longer than the body), thorax and elytrae densely covered with long pubescence (in *Aphrodisium* Th. the middle part of pronotum glabrous and elytral pubescence if present very short, often indistinct). So, a new genus must be created for this species. *Turkaromia* gen.n. differs from *Aromia* Serville, 1833 not only by the pubescent elytrae and thorax, but also by poor development of scapus longitudinal furrow which is rather distinct in *Aromia* Serv. and absent in *Aphrodisium* Th.

Purpuricenus sideriger Fairmaire, 1888

Purpuricenus sideriger Fairmaire, 1888. Revue d'Entomol., 7: 139 (China: Kiangsi).

One specimen of the species was collected by B.Siska (Slovakia: Nitra) near Arseniev in Far East Russia in 1991. It is the first record of *P.sideriger* Fairm. for the fauna of Russia.

Leptepania okunevi (Shabliovsky, 1936)

Molorchus okunevi Shabliovsky, 1936. Вестн. Дальневост. филиала АН СССР [Vestn. Dalnevost. filiala Akad. Nauk SSSR], 19: 185-186 (Ussuri Land, Iman river).

Molorchus incognitus Cherepanov, 1985. Жуки-дровосеки ивовых лесов Сибири [Timber beetles of Siberian willow forests]. Moscow, «Наука» 83-86 (Ussuri Land, Ussuriisk region), syn.n.

I had an opportunity to study the type specimens of *M.incognitus* Cher. in Novosibirsk and *Molorchus okunevi* Shabl. in St. Petersburg. They actually belong to one species, so *Molorchus incognitus* Cherepanov, 1985 = *Leptepania okunevi* (Shabliovsky, 1936), syn.n.

Chlorophorus obliteratus Ganglbauer, 1889.

Chlorophorus obliteratus Ganglbauer, 1889. Horae Soc. Ent. Ross., 24: 70 («centralen Mongolei»).

Chlorophorus ubsanurensis Cherepanov, 1971. New and little-known species of Siberian fauna, 4: 14-16 (Tuva: North side of Ubsu-Nur lake), **syn.n.**

I examined the type of *Ch.obliteratus* Ganglb. in Naturhistorisches Museum Wien. This species was recently described as *Chlorophorus ubsanurensis* Cherepanov, 1971 (I have seen the holotype in Novosibirsk). So, *Ch.ubsanurensis* Cherepanov, 1971 = *Ch.obliteratus* Ganglbauer, 1889, **syn.n.**

Xylotrechus asellus (Thieme, 1881), **comb.n.**

Clytus asellus Thieme, 1881. Berl. Ent. Zeitsch., 25: 99 (Namangan).

Xylotrechus grumi Semenov, 1889. Horae Soc. Ent. Ross., 23: 402 (Turkestan), **syn.n.**

Chlorophorus asellus: Aurivillius, 1912. Coleopt. Catalogus, 39: 395.

I examined the type of *Clytus asellus* Thiem. in the Museum of Berlin University. This species was later described as *Xylotrechus grumi* Semenov, 1889. So, *Xylotrechus grumi* Semenov, 1889 = *X.asellus* (Thieme, 1881), **syn.n.**

Oberea (s. str.) *inclusa* Pascoe, 1858

Oberea inclusa Pascoe, 1858. Trans. ent. Soc. London, 4, 2: 261 (North China).

Oberea inclusa: Gressitt, 1951: 596.

After investigation of a type specimen [Kusakabe, 1992] it became clear that *O.inclusa* Pasc. is a small species closely related to the group of «*herzimoerio-scutellaroides*», not a synonym of *O.vittata* Blessig, 1873 as was considered by S.Breuning [1960-1962] and other authors.

True *O.inclusa* Pasc. was described by J.L. Gressitt [1951: 586-587]: head, prosternum, coxae, elytrae and abdomen black; pronotum testaceous; body length 9.5 - 12 mm.

I do not know such species in the fauna of Russia and all records of *O.inclusa* Pasc. for our fauna could be connected with *O.vittata* Bless.

Agapanthia salviae Holzschuh, 1975.

Agapanthia salviae Holzschuh, 1975. Zeit. Arb. Osterr. Ent., 26 (2-4), 1974 (1975): 88-89 (Anatolia).

The species was recorded [Kaziuchitz, 1977] from Armenia. Mr. V.Zubachik (Vilnius) gave me the opportunity to examine the beetle from Armenia

(Khosrov) which was identified by Kaziuchitz as *A.salviae* Holz. Actually it was a normal specimen of *A.walteri* Reitter, 1898. Up to now there are no evidences of presence of *A.salviae* Holz. in Transcaucasia.

Agapanthia lederi Ganglbauer, 1884.

Agapanthia lineatocollis var. *lederi* Ganglbauer, 1884. Best.-Tab. Eur. Col., 8: 542 (Caucasus).

Agapanthia helianthi Plavilshchikov, 1935. Ent. Bl., 31: 250 (Caucasus).

Agapanthia lopatini Kaziuchitz, 1988. Rev. d'Entom., 60 (4): 584 (Armenia, Biurakan), **syn.n.**

I loaned for study all type specimens (including holotype) of *A.lopatini* Kaz. (now in Zubachik's collection - Vilnius). They were easily identified as *A.lederi* Ganglb., so *A.lopatini* Kaziuchitz, 1988 = *A.lederi* Ganglbauer, 1884, **syn.n.**

ACKNOWLEDGEMENTS. I wish to express my deep gratitude to the staff of all zoological museums for providing me the opportunity to study their Cerambycidae collections. Many thanks to my friends B.Siska (Slovakia, Nitra) and J.Vorisek (Czechia, Jirkov) for actual information and rather useful consultations. I am grateful to Mr. V.Zubachik (Vilnius) for loan of material for study.

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