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Updated list of the subfamily Omaliinae (Coleoptera: Staphylinidae) from Kazakhstan with some new records

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Abstract: A detailed, updated list of the subfamily Omaliinae known from Kazakhstan is provided.

Key words: Coleoptera, Staphylinidae, Omaliinae, new records, catalogue, Kazakhstan, Palaearctic region

The Staphylinidae fauna of Kazakhstan is in general still not sufficiently studied although more papers have been published relatively recently by V. A. Kashcheev, R. Pace, V. Assing, A. Shavrin, J. Fisch, H. Schilhammer, and Hlaváč and Nakládal (for full reference list see Löbl and Löbl, 2015).

The subfamily Omaliinae with 1548 species, 98 subspecies described in 132 genera (Newton, personal database) classified in 7 tribes, is a relatively small subfamily of Staphylinidae with very interesting distribution. Omaliinae are mainly present in northern and southern temperate regions, with very few genera and species known in the tropics. The subfamily is poorly represented in Kazakhstan; only 4 tribes with 11 genera and 17 species have been listed in the last catalogues of Palearctic Coleoptera (Schülke and Smetana, 2015). Unfortunately many taxa already mentioned by Herman (2001) and especially recorded by Kashcheev and Ishakov (1981), Kashcheev (1984, 1999c), Kashcheev et al. (1989), and Kashcheev and Ishkov (2001) were omitted. The aim of our paper is to fill this gap, to provide an updated annotated catalogue of all species of Omaliinae in Kazakhstan, and present some new data based on collecting trips by the second and third authors.

After our revision the fauna of Omaliinae contains the following taxa: the tribe Anthophagini with 8 recorded genera, *Anthobium* (with 3 species), *Anthophagus* (1), *Deliphrum* (1), *Geodromicus* (3), *Lesteva* (4), *Mannerheima* (3), *Trichodromeus* (2), and *Xylodromus* (1). Coryphiini with 3 genera, *Coryphium*, *Coryphiodes*, and *Murathus* each with 1 species, the tribe Eusphalerini is represented by the genus *Eusphalerum* with 8 species and the tribe Omaliini with 4 genera, *Dropephylla* (with 2 species), *Omalium* (2), *Phloeonomus* (1), and *Phyllodrepa* (1).

The species *Xylodromus opacus* Bernhauer, 1903b (Omaliini), *Altaiodromicus schilenkovi* Zerche, 1992 (Anthophagini), and *Eudectus altaiensis* Zerche, 1990 (Coryphiini) were described from the Altai mountains in Russia; their presence in Kazakhstan is currently regarded as possible rather than certain and these species are not included in the fauna of Kazakhstan.

The updated list of species is based on a literature search and on the results of two expeditions to Kazakhstan (2013, 2014) by the second and third authors.

We present here a list of all species recorded so far from Kazakhstan with the original combination and type locality as given in the original description. The primary reference for each taxon is given. Subspecies are listed under nominal taxon; all synonymies are listed but for complete references of synonymies as well as for subspecies see Schülke and Smetana (2015). The distribution of each species follows Schülke and Smetana (2015). Species that are not mentioned for the fauna of Kazakhstan in the last edition of the Palearctic catalogue (Schülke and Smetana, 2015) are underlined and the relevant references for the Kazakh distribution are given.

The following abbreviations are used in the text:

TL – type locality
LT – lectotype
HM – homonym
RN – replacement name

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CPH – private collection of Peter Hlaváč, Prague, Czech Republic

CMK – private collection of Matúš Kocian, Prague, Czech Republic

All specimens were identified by the first author and bear his determination label: "name of the taxon", P. Hlaváč det., 2014.

Annotated list of Omaliinae (Coleoptera: Staphylinidae) from Kazakhstan

Tribe: Anthophagini

Anthobium fusculum Erichson, 1839: 626 (*Lathrimaeum,* TL: Mark Brandenburg) (Figure).

Synonymies: *cachemiricum* Coiffait, 1982: 150 (*Lathrimaeum*); *ivanovi* Shavrin, 2012: 17 (*Deliphrosoma*); *kirgizicum* Shavrin, 2012: 19 (*Deliphrosoma*); *kondarense* Iablokoff-Khnzorian, 1964: 157 (*Olophrum*); *melanochromum* Iablokoff-Khnzorian, 1961: 140 (*Lathrimaeum*).

New records: KAZAKHSTAN: 131 spec.: Ile-Alatau NP, Talgar env., SW slope, leaf litter sifting, 2745 m, 43.24846 N 77.40380 E, 10–11.5.2014, M. Kocian lgt. (CMK, CPH).

Note: This species has been recently described twice by Shavrin (2012) according to one male from Karatau Mountains, Kazakhstan and one male from Kyrgyzstan, Bishkek. Both species were synonymized by the same author one year later (Shavrin, 2013). The new locality near Talgar, about 500 km from the type locality of *Deliphrosoma ivanovi*, confirms the wide distribution of this species in Asia.

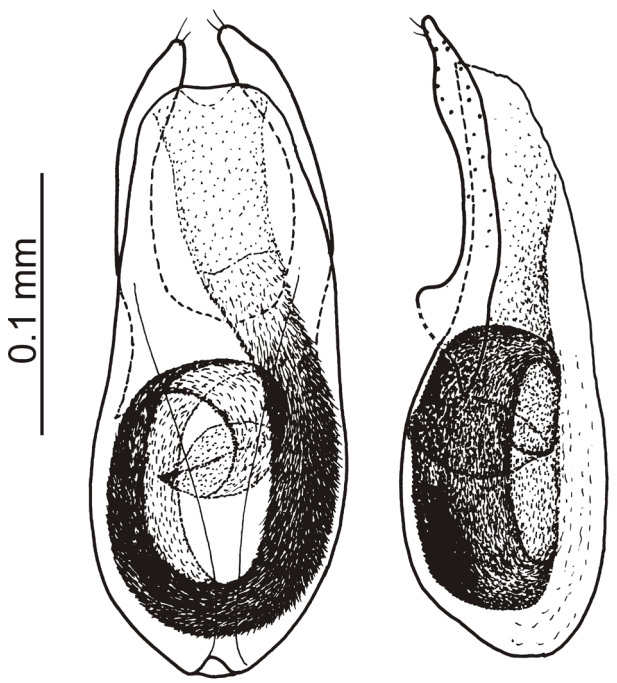

Figure. Aedeagus of *Anthobium fusculum* Erichson, 1839 (left – dorsal view, right – lateral view).

Distribution: Europe, Kazakhstan, Kyrgyzstan, India: Kashmir.

Anthobium mesasiaticum Kirshenblat, 1961: 363 (*Lathrimaeum,* TL: Tadzhikistan: Stalinabad).

Distribution: Tadjikistan, Uzbekistan, Kazakhstan (Kashcheev and Ishkov, 2001).

Anthobium reflexum Reitter, 1891: 195 (*Lathrimaeum,* TL: bei Taschkent).

Distribution: Tadjikistan, Uzbekistan, Kazakhstan (Kashcheev and Ishkov, 2001).

Anthophagus caraboides caraboides Linnaeus, 1758: 422 (*Staphylinus*, TL: Europa).

Subspecies: *caraboides aquilonaris* Koch, 1940: 373; *caraboides caraboides* Linnaeus, 1758.

Synonymies: *hookeri* Stephens, 1834: 361 (*Lesteva*); *palustris* Heer, 1841: 572; *testaceus* Gravenhorst, 1802: 121; *trimaculatus* Luze, 1902: 527.

Distribution: widely distributed in Europe, from Asia known from Turkey, Kazakhstan, Russia (eastern and western Siberia).

Deliphrum tectum Paykull, 1789: 68 (*Staphylinus*, TL: Suecia).

Synonymies: *laeve* Gravenhorst, 1806: 211 (*Omalium*).

Distribution: widely distributed in Europe, from Asia known from eastern and western Siberia and Russia far east, Kazakhstan (Kashcheev, 1999c).

Geodromicus convexicollis Luze, 1903a: 112 (*Geodromicus*, TL: Russisches Zentralasien (Turkestan: Taschkent)).

Synonymies: *hauserianus* Bordoni, 1984: 42.

New records: KAZAKHSTAN: 2♂: Almaty reg., 43°16′13″N 77°22′14″, Talgar distr., Ak Bulak, 10–15.v.2014, O. Nakládal lgt. (CMK, CPH). 1♂: Almaty reg., 43°16′13″N 77°22′14″, Talgar distr., Ak Bulak, 25.v.2014, O. Nakládal lgt. (CPH).

Distribution. Kyrgyzstan, Tadjikistan, Uzbekistan, Kazakhstan (Kashcheev and Ishkov, 2001).

Geodromicus lebedevianus Roubal, 1929: 46 (*Geodromicus*, TL: Russisch-Asien, Talaß-Tal).

Distribution: Kyrgyzstan, Kazakhstan (Kashcheev and Ishkov, 2001).

Geodromicus macrothorax Kashcheev, 1999b: 15 (*Geodromicus*, TL: Kungey-Alatau, upper course of Chilik river, gorge of Sarybastau).

Distribution: Kazakhstan.

Lesteva binotata Reitter, 1901: 48 (*Lesteva*, TL: Turkestan: Taschkent)

Distribution: Georgia, Iran, Lebanon, Syria, Turkey, Uzbekistan, Kazakhastan (Kashcheev, 1984).

Lesteva fasciata Luze, 1903b: 188 (*Lesteva,* TL: Transkaspien, Gr. Balchan)

Synonymies: *turkestanica* Luze, 1904 (synonymy in Shavrin, 2015: 38); *transcaspica* Bernhauer, 1935 (synonymy in Shavrin, 2015: 38).

Distribution: Turkmenistan, Kazakhastan (Kashcheev, 1984).

Lesteva longoelytrata longoelytrata Goeze, 1777: 729 (*Staphylinus*, TL: not given).

Subspecies: *longoelytrata cretica* Lohse & Steel, 1961: 76; *longoelytrata longoelytrata* Goeze, 1777; *longoelytrata maura* Erichson, 1840: 856

Synonymies: *bicolor* Paykull, 1789: 21 (*Staphylinus*); *dimidiata* Panzer, 1795: 367 (*Carabus*); *dorsalis* Reitter, 1909: 184; *impressa* Stephens, 1834: 363; *intermedia* Gravenhorst, 1806: 221 (*Anthophagus*); *longula* Mannerheim, 1830: 57; *macroclytron* Geoffroy, 1785: 164 (*Staphylinus*); *major* Mulsant & Rey, 1870: 117; *multipunctata* Block, 1799: 117 (*Staphylinus*); *nigripes* Stephens, 1834: 363; *oblonga* Motschulsky, 1858: 493; *obscura* Paykull, 1800: 388 (*Staphylinus*) [HN]; *planipennis* Stephens, 1834: 363; *punctulata* Latreille, 1804: 369; *rufitarsis* Stephens, 1834: 362; *soror* Smetana, 1967: 300; *staphylinoides* Marsham, 1802: 464 (*Carabus*).

Distribution: whole Europe, Caucasus, Algeria, Morocco, Cyprus, Turkey, Lebanon, Iran, Turkmenistan, Kazakhstan (Kashcheev and Ishkov, 2001).

Lesteva nova Bernhauer, 1902: 60 (*Lesteva*, TL: Turkestan, Alie Ata).

Synonymies: *aculeata* Shavrin, 2012 (synonymy in Shavrin, 2015: 41).

Distribution: Kazakhstan, Uzbekistan.

Lesteva sp.

KAZAKHSTAN: 1♀: Almaty reg., 43°16′13″N 77°22′14″, Talgar distr., Ak Bulak, 10–15.v.2014, O. Nakládal lgt. (CPH).

Mannerheimia arctica Erichson, 1840: 873 (*Deliphrum*, TL: Lapland).

Synonymies: *affinis* Mäklin, 1878: 27 (*Omalium*) [HN]; *confusa* Mäklin, 1878: 27 (*Omalium*); *saginata* Mäklin, 1878: 28 (*Omalium*).

Distribution: Austria, Finland, Italy, Norway, Russian North European Territory, Sweden, Switzerland, eastern and western Siberia, Kazakhstan (Kashcheev and Ishkov, 2001).

Mannerheimia asiatica Kashcheev, 1999a: 142 (*Mannerheima*, TL: Tian Shan, mountain range Kungey-Alatau, gorge Kulbastau, 2500–3000 m).

Distribution: Kazakhstan.

Mannerheima brevipennis Motschulsky, 1860: 545 (*Mannerheima*, TL: Mt. Ula-Tau, designated by Hammond, 1970).

Synonymies: *divergens* Mäklin, 1878: 26 (*Omalium*); *doderoi* Gridelli, 1924: 137; *kirschenblatti* Iablokoff-Khnzorian, 1956: 138.

New records: KAZAKHSTAN: 2♂, 1♀, 1 spec.: Ile-Alatau NP, Talgar env., SW slope, leaf litter sifting, 2745 m, 43.24846 N 77.40380 E, 10–11.5.2014, M. Kocian lgt. (CMK, CPH).

Distribution: Austria, Finland, Sweden, Italy, Russia (northern European part, Siberia), Turkey, Armenia, Kazakhstan, "Himalaya".

Trichodromeus ketmeniensis Bordoni, 1985: 374 (*Neogeodromicus*, TL: Turkestan, Ketmen-tjube, Sussamir Tan).

Distribution: Kazakhstan, Kyrgyzstan, Turkmenistan.

Trichodromeus penicillatus Reitter, 1900: 49 (*Hygrogeus,* TL: Buchara, Karatak)

Synonymies: *sogdianus* Bordoni, 1990; *tumidus* Luze, 1903a (*Geodromicus*) Distribution: Kyrgyzstan, Tadjikistan, Kazakhstan (Kashcheev and Ishkov, 2001).

Xylodromus sassuchini Kirshenblat, 1936: 252 (*Xylodromus*, TL: Csapov, Uralsk. okr., Nov. Ushtagan).

Subspecies: *sassuchini obscurellus* Kirshenblat, 1936: 252; *sassuchini sassuchini* Kirshenblat, 1936a.

Distribution: South European Territory of Russia, Kazakhstan (Kashcheev and Ishakov, 1981).

Tribe: Coryphiini

Coryphium tchyldebayevi Kashcheev, 1999a: 143 (*Coryphium*, TL: Zailiyskiy Alatau, Kyzylaus pass).

Distribution: Kazakhstan.

Coryphiodes aeneipennis Luze, 1904: 75 (*Polychelus*, TL: See Kulikulan).

Distribution: Uzbekistan, Kazakhstan (Kashcheev and Ishkov, 2001).

Coryphiodes sp.

KAZAKHSTAN: 1♂: Ile-Alatau NP, Talgar env., Ak-Bulak Resort, leaf litter sifting, 1690 m, 43.27039 N 77.37137 E, 12–15.5.2014, M. Kocian lgt. (CMK)

Note: Most probably a new species, similar to *C. jelineki* but the aedeagus is almost symmetrical.

***Coryphiina* gen. et sp. nov.?**

KAZAKHSTAN: 2♀: Ile-Alatau NP, Talgar env., SW slope, leaf litter sifting, 2745 m, 43.24846 N 77.40380 E, 10–11.5.2014, M. Kocian lgt. (CMK, CPH).

Note: Most probably a new genus of the subtribe Coryphiina that would key out from the key to genera of the tribe Coryphiini (Zerche, 1990, 1993) near *Holoboreaphilus* Campbell, 1978 and *Niphetodes* Miller, 1868 sharing with them the following combination of characters: 1) eyes smaller, at most 1.5 times as long as temples, 2) antennomeres IV–X not or only slightly transverse, 3) pronotal sides slightly convex, lacking sharp angle, 4) pronotum not clearly transverse, only slightly wider than long, 5) tergite VII parallel sided. Both specimens cannot be attributed to either of the two above-mentioned genera due to some important differences like size of the body, size of eyes, color, shape of pronotum, head. As the male of this species is still unknown, we prefer not to describe it.

Murathus montanus Kashcheev, 1999a: 146 (*Murathus*, TL: Tian Shan, mountain range Kungey-Alatau, gorge Kulbastau, 2500–3200 m).

Distribution: Kazakhstan.

Tribe: Eusphalerini

Eusphalerum auliense Bernhauer, 1913: 219 (*Anthobium*, TL: Aulie-Ata and Ala Tau, Syr Darja).

Distribution: Kazakhstan, Kyrgyzstan, Uzbekistan.

Eusphalerum fulvipenne Solsky, 1874: 210 (*Anthobium*, TL: in agro Kokandico, Tengis-baj).

Distribution: Afghanistan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan.

Eusphalerum minutum Fabricius, 1792: 254 (*Silpha*, TL: Germania).

Synonymies: *anatolicum* Coiffait, 1976: 66; *appendiculatum* Heer, 1839: 181 (*Omalium*); *brevicolle* Heer, 1841: 568 (*Omalium*); *jurassicum* Jarrige, 1946: 110 (*Anthobium*); *paludosum* Heer, 1839: 179 (*Omalium*); *petzianum* Bernhauer, 1929: 177 (*Anthobium*); *picipenne* Stephens, 1834: 177 (*Anthobium*); *puncticolle* Gredler, 1863: 125 (*Anthobium*); *ranunculi* Gravenhorst, 1802: 118 (*Omalium*); *sinuatocolle* Lokay, 1919: 121 (*Anthobium*); *subjurassicum* Coiffait, 1959: 221.

Distribution: widely distributed in Europe, from Asia is known from Turkey, Russia (eastern and western Siberia), Turkmenistan, Kazakhstan (Kashcheev et al., 1989).

Eusphalerum mocsarskii Bernhauer, 1913: 219 (*Eusphalerum*, TL: Tian-Shan and Musart, Privinz Kuliab, Aksou-Tal, Naryn-Kol, and Tekestal).

Distribution: Kazakhstan, Kyrgyzstan, Tajikistan, China (Xinjiang).

Eusphalerum montivagum Heer, 1839: 184 (*Omalium,* TL: monte Jura).

Subspecies: *montivagum chobauti* Coiffait, 1959: 227; *montivagum levasseuri* Coiffait, 1959: 227; *montivagum montivagum* Heer, 1839; *montivagum vesubianum* Coiffait, 1959: 227.

Synonymies: *sordidulum* Kraatz, 1857: 1013 (*Anthobium*) synonym to *montivagum montivagum* Heer, 1839; *lombardum* Coiffait, 1959: 227 synonym to *montivagum vesubianum* Coiffait.

Distribution: This species with its four subspecies has been so far known only from France; its presence in Kazakhstan (Kashcheev and Ishkov, 2001) is rather surprising and must be confirmed by an additional new record.

Eusphalerum nitidifrons Luze, 1910: 237 (*Anthobium*, TL: Turkestan, Vernyi).

Distribution: Kazakhstan, Kyrgyzstan.

Eusphalerum torquatum Marsham, 1802: 127 (*Silpha,* TL: Britain).

Subspecies: *torquatum andromorphe* Coiffait, 1959: 238; *torquatum balmae* Coiffait, 1959: 240; *torquatum torquatum* Marsham, 1802.

Synonymies: *adultum* Kiesenwetter, 1851a: 156 (*Anthobium*); *adustum* Kiesenwetter, 1851b: 438 (*Anthobium*) [HN]; *mucronatum* Stephens, 1834: 339 (*Anthobium*); *nigriventre* Stephens, 1834: 343 (*Anthobium*); *pumilio* Rosenhauer, 1856: 87 (*Anthobium*); *puncticeps* Luze, 1910: 243 (*Anthobium*); *scutellare* Erichson, 1840: 895 (*Anthobium*); *ustulatum* Fairmaire & Laboulbene, 1856: 649 (*Anthobium*).

Distribution: known from western Europe, Madeira, Algeria, Morocco, Kazakhstan (Kashcheev and Ishkov, 2001), also the Nearctic region.

Eusphalerum uhligi Zanetti, 1991: 292 (*Eusphalerum*, TL: Kazakhstan Alma Ata Transili-Alatau Prochodnaja-Ufer Alma-Arasen, 2000–2600 m).

Distribution: Kazakhstan, Kyrgyzstan, China (Xinjiang).

Tribe: Omaliini

Dropephylla atricapilla Bernhauer, 1903a (*Phylodrepa* [sic!], TL: Central Altai).

Distribution: Kazakhstan, Russia (western Siberia).

Dropephylla vilis Erichson, 1840: 882 (*Omalium,* TL: Saxonia montana).

Synonymies: *jailaensis* Bernhauer, 1915: 262 (*Phyllodrepa*); *luigionii* Bernhauer, 1929: 179 (*Phyllodrepa*); *obsoleta* Mulsant & Rey, 1880: 254 (*Phyllodrepa*); *palpalis* Luze, 1906: 567 (*Phyllodrepa*).

Distribution: distributed in almost whole Europe, Algeria, Tunisia, Cyprus, Turkey, Iran, Kazakhstan (Kashcheev and Ishkov, 2001).

Omalium balassogloi Eppelsheim, 1888: 66 (*Homalium*, TL: See Issyk-Kul).

Distribution: Kyrgyzstan, Kazakhstan.

Omalium caesum Gravenhorst, 1806: 209 (*Omalium*, TL: not given).

Synonymies: *corticinum* Motschulsky, 1858: 492; *flavicorne* Roubal, 1930: 309; *impressum* Heer, 1839: 176 [HN]; *peloponnesiacum* Scheerpeltz, 1962: 255.

Distribution: almost whole Europe, Algeria, Morocco, Tunisia, Turkey, Lebanon, Russia (eastern and western Siberia).

Omalium funebre Fauvel, 1871: 99 (*Homalium*, TL: Hautes-Pyrénées).

Distribution: Austria, Bulgaria, France, Germany, Italy, Romania, Slovakia, Spain, Switzerland, Kazakhstan (Kascheeev et al., 1989).

Omalium kabakovi Kashcheev, 1999a: 141 (*Omalium*, TL: Dzhungarskij Alatau, upper course of Tentek river, 3400 m).

Distribution: Kazakhstan.

Omalium littorale Kraatz, 1857: 980 (*Omalium*, TL: Swinemünde, Pomerania).

Synonymies: *afghanicum* Scheerpeltz, 1963: 21; *apicicorne* Solsky, 1874: 207.

New records: KAZAKHSTAN: 47 spec.: Ile-Alatau NP, Talgar env., SW slope, leaf litter sifting, 2745 m, 43.24846

N 77.40380 E, 10–11.5.2014, M. Kocian lgt. (CMK, CPH). 2 spec.: Ile-Alatau NP, Talgar env., Ak-Bulak Resort, leaf litter sifting, 1800 m, 43.26322 N 77.37630 E, 13.5.2014, M. Kocian lgt. (CMK, CPH). 2 spec.: Ile-Alatau NP, Talgar env., Ak-Bulak Resort, leaf litter sifting, 1750 m, 43.26897 N 77.37145 E, 8.5.2014, M. Kocian lgt. (CMK, CPH). 3 spec.: Ile-Alatau NP, Talgar env., Ak-Bulak Resort, leaf litter sifting, 1845 m, 43.25851 N 77.38501 E, 9.5.2014, M. Kocian lgt. (CMK, CPH). 2 spec.: Ile-Alatau NP, Talgar env., Ak-Bulak Resort, pitfall traps – cheese, 1750 m, 43.26897 N 77.37145 E, 10–15.5.2014, M. Kocian lgt. (CMK, CPH). Presence in Kazakhstan confirmed.

Distribution: widespread species in Europe, Russia (Caucasus), Turkey, Afghanistan, Uzbekistan, Turkmenistan, Kazakhstan (Kashcheev, 1984; Kashcheev and Ishkov, 2001).

Omalium oxyacanthae Gravenhorst, 1806: 210 (*Omalium*, TL: not given).

Synonymies: *piceum* Stephens, 1834: 354 [HN]; *subdepressum* Mulsant & Rey, 1880: 211.

Distribution: Europe, Algeria, Turkey, Russia (eastern and western Siberia, far east), China (Heinan), Kazakhstan (Kashcheev and Ishkov, 2001), also Nearctic region.

Omalium riparium Thomson, 1857: 224 (*Omalium*, TL: Lomma).

Subspecies: *riparium impar* Mulsant & Rey, 1861: 182; *riparium riparium* Thomson, 1857.

New records: KAZAKHSTAN: 4 spec.: Ile-Alatau NP, Talgar env., SW slope, leaf litter sifting, 2745 m, 43.24846 N 77.40380 E, 10–11.5.2014, M. Kocian lgt. (CMK, CPH). Presence in Kazakhstan confirmed.

Distribution. So far known from west and north Europe, also Iceland and Cyprus. The subspecies *O. riparium impar* Mulsant & Rey, 1861 known also from Balkans (Bulgaria, Croatia), Italy and North Africa (Algeria, Morocco, Tunisia), Kazakhstan (Kashcheev, 1999c).

Omalium rivulare Paykull, 1789: 65 (*Staphylinus*, TL: Hesselby).

Synonymies: *cursor* O. Müller, 1776: 97 (*Staphylinus*); *foraminosum* W. Scriba, 1867b: 378; *incisum* Gravenhorst, 1806: 209; *nitidicolle* Poppius, 1904: 108; *obscuricorne* Poppius, 1904: 110; *piceum* Stephens, 1834: 341 [HN]; *porosum* W. Scriba, 1867a: 72 [RN].

New records: KAZAKHSTAN: 5 spec.: Ile-Alatau NP, Talgar env., Ak-Bulak Resort, leaf litter sifting, 1690 m, 43.27039 N 77.37137 E, 12–15.5.2014, M. Kocian lgt. (CMK, CPH). 2 spec.: Ile-Alatau NP, Talgar env., Ak-Bulak Resort, pitfall traps – cheese, 1750 m, 43.26897 N 77.37145 E, 10–15.5.2014, M. Kocian lgt. (CMK). Presence in Kazakhstan confirmed.

Distribution. Widespread in Europe, also Iceland, Shetland Is. and Orkney Is., North Africa (Algeria, Egypt), Turkey, Caucasus region (Russia, Azerbaijan), Kazakhstan (Kashcheev, 1984), introduced to Canada and USA.

Omalium septentrionis Thomson, 1857: 232 (*Omalium*, TL: Lappland).

Synonymies: *clavatum* Fauvel, 1869: 493 (*Omalium*) [RN]; *clavicorne* Motschulsky, 1860: 546 (*Ochthexenus*); *languidum* Mäklin, 1878: 29 (*Omalium*).

Distribution: widely distributed in central and northern Europe, from Asia known from Russia (eastern and western Siberia, far east), Kazakhstan (Kashcheev, 1999c).

Phloeonomus pusillus Gravenhorst, 1806: 205 (*Omalium,* TL: Brunsuiga).

Synonymies: *abietinus* Thomson, 1867: 318; *foveolatus* Stephens, 1834: 353 (*Omalium*); *granulatus* Wollaston, 1854: 613 (*Omalium*).

Distribution: whole Europe, Algeria, Cyprus, Madeira, Turkey, eastern and western Siberia, Russia far east, Kazakhstan (Kashcheev and Ishkov, 2001), also the Nearctic region.

Phyllodrepa floralis Paykull, 1789: 67 (*Staphylinus*, TL: Suecia).

Synonymies: *fahraei* Zetterstedt, 1838: 52 (*Omalium*); *maculicornis* Heer, 1839: 178 (*Omalium*); *viburni* Gravenhorst, 1802: 117 (*Omalium*).

Distribution: whole Europe, Algeria, Turkey, Kazakhstan (Kashcheev and Ishkov, 2001), also the Nearctic region.

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