

## Supplement for catalogue of palaeartic Cryptophagidae (Coleoptera)

### Дополнение к каталогу палеарктических жуков семейства Cryptophagidae (Coleoptera)

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КЛЮЧЕВЫЕ СЛОВА. Cryptophagidae, Палеарктика, каталог, распространение.

**ABSTRACT.** This is the supplement to catalogue of the Cryptophagidae's fauna of the Palearctic [Johnson, 2007]. The annotation list of new distribution data on 92 cryptophagid species based on the Zoological Museum of Moscow Lomonosov State University collection is given.

**РЕЗЮМЕ.** Приводятся дополнения к каталогу фауны Cryptophagidae Палеарктики [Johnson, 2007] в виде аннотированного списка с указанием распространения 92 видов семейства по экземплярам, хранящимся в Зоомузее МГУ.

The paper provides an addition to the catalogue of palaeartic species of Cryptophagidae [Johnson, 2007]. Initially it includes 368 species: 14 species of *Caenoscelis*, 1 — *Dernostea*, 6 — *Himascelis*, 6 — *Sternodea*, 9 — *Antherophagus*, 1 — *Asternodea*, 1 — *Catopochrotus*, 137 — *Cryptophagus*, 9 — *Henoticus*, 1 — *Henotiderus*, 1 — *Henotimorphus*, 21 — *Micrambe*, 1 — *Mnionomidius*, 1 — *Paramecosoma*, 1 — *Pteryngium*, 1 — *Salebius*, 2 — *Serratomaria*, 4 — *Spaniophaeus*, 1 — *Spavius*, 2 — *Striatocryptus*, 6 — *Telmatophilus*, 127 — *Atomaria*, 1 — *Atomaroides*, 3 — *Curelius*, 3 — *Ephistemus*, 1 — *Ootypus*, 1 — *Anitamaria*, 4 — *Alfieriella*, 1 — *Hypocoprus*, 1 — *Hypophagus*. In this paper new distribution data of the beetle family Cryptophagidae are provided. Regions being new for species are underlined. Voucher specimens are deposited in the Zoological Museum, Moscow State University, Moscow.

Distributional information [for comparability with Johnson, 2007] notation by the paper.

Geographical abbreviations are as follows:

**E — Europe:** AB — Azerbaijan, AL — Albania, AN — Andorra, AR — Armenia, AU — Austria, AZ — Azores, BE — Belgium, BH — Bosnia Herzegovina, BU — Bulgaria, BY — Belarus, CR — Croatia, CT — Russia: Central European Territory, CZ — Czech Re-

public, DE — Denmark, EN — Estonia, FA — Faroe Islands, FI — Finland, FR — France (incl. Corsica, Monaco), GB — Great Britain (incl. Channel Islands), GE — Germany, GG — Georgia, GR — Greece (incl. Crete), HU — Hungary, IC — Iceland, IR — Ireland, IT — Italy (incl. Sardinia, Sicily, San Marino), KZ — Kazakhstan, LA — Latvia, LS — Liechtenstein, LT — Lithuania, LU — Luxembourg, MA — Malta, MC — Macedonia, MD — Moldavia, NL — The Netherlands, NR — Norway, NT — Russia: North European Territory, PL — Poland, PT — Portugal, RO — Romania, RU — Russia, SK — Slovakia, SL — Slovenia, SP — Spain, SR — Svalbard (Spitzbergen), ST — Russia: South European Territory, SV — Sweden, SZ — Switzerland, TR — Turkey, UK — Ukraine, YU — Serbia and Montenegro;

**N — North Africa:** AG — Algeria, CI — Canary Islands, EG — Egypt, LB — Libya, MO — Morocco, MR — Madeira Archipelago, TU — Tunisia;

**A — Asia:** AE — Arab Emirates, AF — Afghanistan, AP — India: Arunachal Pradesh, BA — Bahrain, BT — Bhutan, CE — China: Central Territory, CY — Cyprus, ES — Russia: East Siberia, FE — Russia: Far East, HP — India: Himachal Pradesh, IN — Iran, IQ — Iraq, IS — Israel, JA — Japan, JO — Jordan, KA — India: Kashmir, KI — Kyrgyzstan, KU — Kuwait, KZ — Kazakhstan, LE — Lebanon, MG — Mongolia, NE — China: Northeast Territory, NC — North Korea, NO — China: Northern Territory, NP — Nepal, NW — China: Northwest Territory, OM — Oman, PA — Pakistan, SA — Saudi Arabia, SC — South Korea, SD — India: Sikkim, Darjeeling District, SE — China: Southeastern Territory (incl. Macao, Hongkong), SY — Syria, TD — Tajikistan, TM — Turkmenistan, TR — Turkey, UP — India: Uttaranchal, Uttar Pradesh, UZ — Uzbekistan, WP — China: Western Plateau, WS — Russia: West Siberia, YE — Yemen (incl. Suqutra);

**China:** ANH — Anhui (Anhui), BEI — Beijing (Peking), FUJ — Fujian (Fukien), GAN — Gansu (Kan-

su), GUA — Guandong (Kwantung), GUI — Guizhou (Kweichow), HEB — Hebei (Hopeh), HEI — Heilongjiang (Heilungkiang), HKG — Hongkong, HUB — Hubei (Hupeh), JIA — Jiangsu (Kiangsu), NMO — Nei Mongol (Inner Mongolia), SCH — Sichuan (Szechwan), SHA — Shaanxi (Shensi), SHG — Shanghai, SHN — Shandong (Shantung), SHX — Shanxi (Shansi), TAI — Taiwan (Formosa), XIN — Xinjiang (Sinkiang), YUN — Yunnan, ZHE — Zhejiang (Chekiang);

**World Zoogeographical Regions:** AFR — Afro-tropical Region, AUR — Australian Region, NAR — Nearctic Region, NTR — Neotropical Region, ORR — Oriental Region.

### Family **Cryptophagidae** Kirby, 1837

#### Subfamily **Cryptophaginae** Kirby, 1837

#### **Antherophagus** Dejean, 1821

##### *A. pallens* Linne, 1758

**E:** AB AU BE BY CT CZ DE EN FI FR GB GE HU IR IT LA LS LT NL NR NT PL RO SK SL SP ST (Kavkaz) SV SZ UK **A:** ES FE JA WS

**Russia:** South European Territory: Kavkaz: Adygea, Novopokhladnoe, 03.07.1995, A. Gusakov; Tuapse District, Georgievskoe Forestry, 26.06.1954, K.V. Arnoldi; Krasnodar Region, Seversky Distr., Ubinskoe Forestry, 31.05.1986, N.B. Nikitsky.

**Azerbaijan:** Zakatalsky Reserve, Katekhsy Part, near Kasatinsky Kordon, 1100–1500 m, deciduous forest, flowers, 11.06.1986, K.G. Mikhailov; watershed Gamzaligol and right confluent Damir-Aparangai River, Kyusnet, 1200–2100 m, 16.07.1994, M. Savitsky; Nukha (Sheki), 12.07.1924, A. Bogachev; *ibid.*, 07.1931, A. Bogachev.

**Russia:** West Siberia: Tobolsk, deep gully, Umbellate flowers, 14.08.1938, I. Telishev; Chelyabinsk Area, near Yuzhno-Uralsk, Kichiginsky coniferous forest, nr. Kichigino Village, birch, pine, 04.07.1991, K.G. Mikhailov.

##### *A. silaceus* Herbst, 1792

**E:** AU BE BH BY CT CZ DE EN FR GB GE HU IR IT LT NL NT PL RO SK SL SP SV SZ UK YU **A:** KZ MG

**Mongolia:** Ar-Hangaisky Aimak, Tevshruleh, 11.08.1970.

##### *A. similis* Curtis, 1835

**E:** AU BE BH BY CT CZ DE EN FI FR GB GE HU IR IT LA LT NL NK NL NR NT PL RO SK SL SP SV SZ UK YU **A:** ES FE KI KZ MG WS UZ

**Kyrgyzstan:** headstream Naryn River, 11.08.1964, R. Zlotin; Przhevalsk, 02.08.1936, D. Romashov

**Uzbekistan:** Ishkent, 23.04.1942, K.V. Arnoldi.

**Russia:** West Siberia: Salekhard, 27.06.1957, I. Stebaev.

**Russia:** East Siberia: Krasnoyarsk Region, Sharypovsky District, near Bolshoe Lake, 20.07.1987, A. Kompantsev.

**Russia:** Far East: Prymorye, Kamennyi Kluch, 15 km below Cheremshan, Cheremukhovaya River, 25.07.1986, V.V. Zherikhin, V.G. Grachev; Hasan, Golubinyi Utyos, marsh vegetation, 22.08.1972, Kuznetsov; Sikhote-Alin, 19.06.1929; Dalnegorsk, 19.07.1986, V.V. Zherikhin, V.G. Grachev; Paramushir Island, near Savushkino, 5 km N of Severo-Kurilsk, 26–31.07.1989, A.M. Basarukin; Kunashir

Island, near Mendeleevo, 15 km, sulphureous spring, 29.06.1985, N.B. Nikitsky.

**Mongolia:** Selenginsky Aimak, Shamor, meadow, mowing, 04.08.1983, K.G. Mikhailov; Khokh-sum, feather grass, 07.08.1971, L.N. Medvedev; Tsentralnyi Aimak, 60 km S of Dzuk-Moda, 28.06.1980, V.V. Zherikhin.

#### **Caenoscelis** C.G. Thomson, 1863

##### *C. ferruginea* C.R. Sahlberg, 1820

**E:** AU BE CT CZ DE EN FI FR GB GE GG HU IR IT LS LT NL NR NT PL RO SK SP SV SZ UK YU **A:** ES FE KZ NAR

**Kazakhstan:** Almaty Area, Zailiisky Alatau Mts., Medeo near Almaty, 43°10'N, 77°04'E, 1500–1600 m, *Picea*, *Betula* etc. forest, 27.05.2001, S. Golovatch; NE Dzhungarsky Alatau, W spurs of Tastau Ridge, Mt. Zhumak, left bank Kokmoin, 15 km below source, 1800 m, fir groves, litter, 04.08.1991, A.K. Tishechkin.

##### *C. sibirica* Reitter, 1889

**E:** AU BY CT DE EN FI FR GB GE NR PL RO SK ST (Kavkaz) SV SZ UK **A:** FE JA MG NC

**Belarus:** Vitebsk, mushrooms on linden, 20.09.1992, G.A. Solodovnikov.

**Russia:** South European Territory: Kavkaz: North Ossetia, 10 km E Mozdok, Terek River floodplain, poplar forest, 06.10.1987, S.K. Alekseev; North Ossetia, during the bottom Urs-don river, Bekan Lake, 450 m, riparian poplar forests, high grass, 17...1986, S.K. Alekseev; Krasnodar Region, Seversky District, Ubinskaya, 16.07.1988, N.B. Nikitsky; *ibid.*, 1–20.07.1988, N.B. Nikitsky; *ibid.*, 23.05.1986, N.B. Nikitsky.

##### *C. subdeplanata* C.N.F. Brisout de Barneville, 1882

**E:** BE BH BY CT CZ DE EN FI FR GB GE GG HU LA NL NR NT PL RO SK ST (Kavkaz) SV SZ UK **A:** ES FE UZ NAR

**Russia:** South European Territory: Kavkaz: Krasnodar Region, Seversky District, Ubinskaya, 09.05.1975, N.B. Nikitsky; *ibid.*, 29.05.1986, N.B. Nikitsky; *ibid.*, 15–16.05.1975, V.V. Belov.

**Georgia:** Bakuriani, 20.06.1928, D. Romashov.

**Uzbekistan:** Tashkent, 20.05.1947, N.I. Fursov.

#### **Catopochrotus** Reitter, 1889

##### *C. crematogastris* Reitter, 1889

**E:** AB GG ST (Kavkaz)

**Russia:** South European Territory: Volgograd Area, near Elton.

**Georgia:** Gori, 19.07.1923.

**Azerbaijan:** Elisabethpol (Ganca), Babajanides.

#### **Cryptophagus** Herbst, 1792

##### *C. acutangulus* Gyllenhal, 1827

**E:** AB AU BE BH BY CT CZ DE EN FI FR GB GE GG GR HU IC IR IT LA LT NL NR NT PL RO SK SL ST (Kavkaz) SV SZ UK YU **N:** EG MO **A:** AF BEI ES FE IN JA KI KZ NC NMO PA SA TD TM UZ WS AFR NAR NTR

**Russia:** West Siberia: Novosibirsk Area, Kochenevsky District, Novomikhailovka, 03.08.1987, V.G. Grachev; *ibid.*, 09.07.1987, V.G. Grachev.

Russia: East Siberia: Altai, near Aktash, on mushrooms, 19.05.1989, S. Saluk.

*C. caucasicus* Motschulsky, 1845

**E**: AB ST (Kavkaz)

Azerbaijan: 06.05.1955, [N.] Darskaya; 15.05.1955, [N.] Darskaya.

*C. cellaris* Scopoli, 1763

**E**: AB AR AU BE BH BY CR CT CZ DE FI FR GB GE GG GR HU IR IT LA MA MD NL NR NT PL PT RO SL SP SK ST (Kavkaz) SV SZ UK N: AG AZ CIEG MO MR TU A: AF ES FE IN IQ IS JA JO KZ NC SA SD SY UP UZ COS

Armenia: Dzhervezh, 09.07.1997, I. Melnik.

Russia: East Siberia: Irkutsk, 20.05.1979, V. Shilenkov; Altai, near Ongudai, 10.06.1989, S. Saluk.

*C. cellaroides* Reitter, 1921

**E**: AB AR ST (Kavkaz) **A**: IN

Armenia: Dzhervezh, 09.06.1997, I. Melnik.

*C. confusus* Bruce, 1934

**E**: AR AU CT CZ EN FI GB GE GG HU NR NT PL SK SP ST (Kavkaz) SV SZ UK A: FE UZ

Russia: South European Territory: Kavkaz: Krasnodar Region, Maikop District, Guseripl, 11.06.1988, N.B. Nikitsky.

*C. conicollis* Reitter, 1896

**A**: ES KZ WS

Kazakhstan: NE Dzhungarsky Alatau, W spurs of Tastau Ridge, Mt. Zhumak, left bank Kokmoin, 15 km below source, 1800 m, fir groves, litter, 04.08.1991, A.K. Tishechkin.

*C. croaticus* Reitter, 1880

**E**: AU BH CR GE HU IT LS SL SZ UK

Ukraine: Zakarpatie, Svalyavsky District, Berezhnyi, 04.07.1987, N.B. Nikitsky.

*C. cylindrellus* Johnson, 2007

**E**: AU BH CR CZ DE EN FR GE IT MD NL NT PL PT RO SL SP ST (Kavkaz) SV SZ UK A: TR

Russia: South European Territory: Kavkaz: Maikop District, near Guseripl, pine, 2001.

*C. decoratus* Reitter, 1874

**A**: ANH FE FUJ GUI HKG HUB JA JIA SHA SCH SHX TAI YUN ZHE

China: Shaanxi Prov., Xian, Mt. Huashan, 100 km E Sian, h=500–1700 m, 8–11.05.1994, S. Kurbatov; Anhui Prov., Mt. Jiuhua, h=700–1200 m, 16–19.05.1998, S. Kurbatov.

*C. dilatipennis* Reitter, 1888

**E**: AB AR GG ST (Kavkaz) **A**: KZ TR

Azerbaijan: Gek-Gelsky Reserve, 09.06.1986, N.B. Nikitsky.

*C. distinguendus* Sturm, 1845

**E**: AB AR AU BE BH BY CR CT CZ DE EN FI FR GB GE GG GR HU IC IR IT LT MD NL NR NT PL RO SK SL ST (Kavkaz) SV SZ UK YU N: CI MO TU A: AF CY ES FE IN KI KZ WS AFR NAR

S. Urals: 90 km W of Sibay, nr. Beryozovka, 16–24.07.2000, S. Kurbatov.

*C. fuscicornis* Sturm, 1845

**E**: AU BE BH CT CZ FI FR GB GE HU IT LT NL NR PL RO SK SL SP SV SZ UK YU A: WS

S. Urals: 90 km W Sibay nr. Beryozovka, 16–24.07.2000, S. Kurbatov.

*C. hauseri* Reitter, 1890

**E**: AR BY CT MD ST (Kavkaz) **UK A**: AF IN KI KZ TD TM UZ XIN

Belarus: Mogilev, store, 09.1958; Vitebsk, 01.05.1997, I.A. Solodovnikov.

Moldavia: 5 km E Tiraspol, 2–5.06.1983, V. Yanushev.

*C. jakowlewi* Reitter, 1888

**E**: AU CT FI IT NR NT SV SZ A: ES FE KI KZ MG NMO TM UZ WS NAR

Russia: West Siberia: S. Urals: 90 km W Sibay, nr. Beryozovka, 16–24.07.2000, S. Kurbatov; Novosibirsk Area, Kochenevsky District, Novomikhailovka, 02.08.1987, V.G. Grachev.

*C. johnsoni* SenGupta, 1980

**A**: NP SD UP

India: Uttar Pradesh, Dehra Dun, 30.12.1989, A.V. Kompantsev.

*C. labilis* Erichson, 1846

**E**: AU BE BH BY CT CZ DE EN FI FR GB GE GG GR HU IT LA LT NL NR NT PL RO SK SL SV SZ UK YU A: ES FE

Russia: Far East: Ussuriyskiy District, Kamenushka, 18.06.1984, N.B. Nikitsky; Spassk-Dalny, Markushevka, litter, 17.06.1990, S. Kurbatov.

*C. longior* Grouvelle, 1919

**A**: FE JA

Russia: Far East: Chernigovka District, Gribnoe, on dead bees, 20.04.2000, V. Kuznetsov.

*C. montanus* C.N.F. Brisout de Barneville, 1863

**E**: AL AU BH CR CZ FR GE HU IT MK PL RO SK ST (Kavkaz) SZ UK YU A: KZ

Russia: South European Territory: Kavkaz: Caucas Ast. Paganetti.

Kazakhstan: Terskei Alatau, 10 km W of Baskarkara, h=2900 m, 17.06.1990, E.V. Komarov.

*C. nitidulus* L. Miller, 1858

**E**: AB AR AU BH BU CR CT CZ GE HU IT MD RO SK ST (Kavkaz) **UK YU A**: KZ

Moldavia: Kriulinsky District, Cave Syurprisnaya, 30 m from entrance, 3–10.1990, A. Koval.

Bulgaria: NO, Silistra Bez, Karakuz, Querceta cerridis, 8–10.1986, Penev L.; ibid, 29.06.1986, L. Penev.

*C. obsoletus* Reitter, 1879

**E**: CT GB GE LT ST SV A: ES FE JA MG NMO NAR

Russia: Central European Territory: Chuvashia, Cheboksary District, Shinerposi Village, warehouse with barley, 24.11.1995, S.A. Labinov; Chuvashia, Tsivilsky District, 1st Semenov, 02.05.1996, L. Egorov; Lipetsk Area, Morosova Gora fold, soil trap, 01.05.1997, Tsurikov; Moscow Area, Serebryanoprudsky District, Petrovo, 22.04.2007, N.B. Nikitsky;

Bryansk Area, Bryansk, elevator, 20.06.1989, E. Sokolov; Bryansk, 20.05.1914; Leningrad Area, Saint-Petersburg, 11.04.1904, G.G. Jakobson; Yaroslavl Area, Yaroslavl, A. Yakovlev; Ufa Region [Bashkiria], Chishma, elevator, 23.07.1916; Kaluga Area, Kaluga, 05.05.1927.

Russia: South European Territory: Kalmykia, Chernozemelskii District, Adyk, 16. 04. 1937, Flegontova; Samara Region, Abdulino.

*C. opacosericeus* Reitter, 1896

**E:** AB ST (Kavkaz) **A:** KI KZ TD UZ

Uzbekistan: Navoinskaya, Tamzhinsky District, well Chingeldy, foothills Bukantau, *Citellus fulvus*, 04.1983; NW Kyzylkum Desert, Bukantau Mount, Obukhan fold, 24.04.1983, Blymer.

*C. parallelus* C.N.F. Brisout de Barneville, 1863

**E:** AB BE CZ DE EN FI FR GB GE GR IT LA NR NT PL SK SV UK

Ukraine: Crimea, Altsik, Vorontsovsky park, 05.10.1932, pyramidal cypress, under bark.

*C. pseudoschmidti* Woodroffe, 1970

**E:** BY CT NT **A:** ES FE MG NMO SHX WS

Belarus: Andreichiki, 10.09.1989, Lakotko.

Urals: Chelyabinsk Area, Troitsk Reserve, birch forest, 07–08.1994, S.L. Esyunin

Russia: Far East: Amur Area, Selezdzhinsky District, Norskii Reserve, lower reaches of the Chervinka River, litter and under the underlying burned and windfall in the coastal forest with *Betula platyphylla*, *B. dahurica*, *Larix gmelinii*, *Populus tremula*, cereals, *Carex ?globularis*, *Pyrula dahurica*, *Trollius* sp., *Trifolium* sp., *Thalictrum* sp., *Lathyrus* sp., ferns, *Filipendula palmata*, *Equisetum sylvaticum*, *Trientalis europaea*, *Maianthemum bifolium* et al., 04.07.2005, A.B. Ryvkin, E.M. Veselova.

*C. punctipennis* C.N.F. Brisout de Barneville, 1863

**E:** AB AL AN AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IC IR IT LA LS LT MD NL NR NT PL PT RO SK SL SP ST (Kavkaz) SV SZ UK **N:** AG AZ CI MO MR TU **A:** AF ES FE IN JA KI KZ MG NC TM TR WS **AUR NAR**

Russia: West Siberia: Urals: Chelyabinsk Area, Troitskii Reserve, steppe with feather grass, 10.07–24.08.1994, S.L. Esyunin; Tobolsk, 23.06.1941, I. Telishev.

*C. quadrihamatus* Maklin, 1853

**E:** BY FI NR NT SV **A:** AF ES FE MG **NAR**

Belarus: Vitebsk Area, Miorsky, near Elnya, bracket-fungus, swamp, 4–5. 1989, A. Tishechkin.

*C. quercinus* Kraatz, 1852

**E:** AU BU BY CR CT CZ EN FI FR GE HU IT LA LT NR PL RO SK ST (Kavkaz) SV SZ UK **A:** FE KI KZ UZ

Kyrgyzstan: Frunze, 12.06.1930, Dement'ev.

*C. reflexus* Rey, 1889

**E:** AB AL AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IR IT LT MC MD NL NR NT PL RO SK SL SP ST (Kavkaz) SV SZ TR UK YU **N:** LB MO TU **A:** FE IN IS KI LE MG NMO TD TM TR WS

Turkmenistan: Repetek, 23.12.1982, [V.] Krivokhatsky; Badkhyz, 07.03.1979, Kh.I. Atamuradov.

*C. saginatus* Sturm, 1845

**E:** AB AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IR IT LA LT MC MD NL NR NT PL RO SK SL SP ST (Kavkaz) SV SZ UK YU **N:** AG AZ CI MR TU **A:** ES FE TR **AUR NAR NTR**

Russia: South European Territory: Kavkaz: Krasnodar Region, Seversky District, Ubinskaya, 26.07.1975. N.B. Nikitsky; *ibid*, 12.05.1976, N.B. Nikitsky.

*C. scanicus* Linnaeus, 1758

**E:** AB AL AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IC IR IT LA LT MD NL NR NT PL RO SK SL ST (Kavkaz) SV SZ UK YU **N:** MR TU **A:** FE IN TR WS **AFR NAR**

Russia: South European Territory: Kavkaz: Krasnodar Region, Seversky District, Ubinskaya, 12.05.1976, N.B. Nikitsky; Black Sea Coast of Kavkaz, Lazarevskoe, 11.04.1981, S. Kurbatov.

*C. schmidti* Sturm, 1845

**E:** AU BE CT CZ FR GB GE GG HU IR IT LA NL PL RO SK ST (Kavkaz) SZ UK **A:** FE KZ SY

Russia: Central European Territory: Perm Area, Bolshoe Savino Village, meadow with *Calamagrostis*, 06.08.1988, S.L. Esyunin.

*C. scutellatus* Newman, 1834

**E:** AB AR AU BE BH BY CR CT CZ DE EN FI FR GB GE GG HU IC IR IT LA LS LT MD NL NR NT PL PT RO SK SL SP ST (Kavkaz) SV SZ UK **N:** MO **A:** ES IN TR WS **NAR**

Latvia: Rigas Raj., 01.05.2008, D. Telnov.

Azerbaijan: Kedabek, 08.1947, Bogachev.

Russia: Urals: Chelyabinsk, Ilimskii Reserve, 25.02.1945, V.N. Stepanov.

Russia: East Siberia: Barnaul, 04–05.1898.

*C. simplex* L. Miller, 1858

**E:** AB AR AU CT CZ GB GE HU NL ST **A:** KI UZ  
Russia, Central European Territory: Bryansk, elevator, 20.06.1989, E. Sokolov.

*C. tuberculosis* Maklin, 1852

**E:** FI NR NT SV **A:** ES FE MG NMO **NAR**

Russia: East Siberia: Krasnoyarsk Region, Turukhansk District, the middle over the Kamennyi Dubches River (inflow Dubches), rot in the hay, 23–24.09.1992, V.B. Semenov; *ibid.*, Turukhansk District, Podkamennaya Tunguska River Basin, Rybnaya River, 40 km above the mouth of the river, 180 m, 11–12.09.1990, A.B. Ryvkin; Altai, near Ongudai, 10.06.1989, S. Saluk; Eniseiskaya Governorate (Krasnoyarsk Region), Kansky Uyezd, 25.05.1912; Altai, Altai Reserve, litter, 09.1969, A. Tikhomirova.

*C. turcicus* Gillerfors & Otero, 1993

**E:** ST (Kavkaz) **A:** KA KI KZ TR

Kazakhstan: Aksu-Dzhabagly Reserve, Kshi-Kayandy Cordon, 1800 m, 17.05. 1973, V. Yanushev.

*Henoticus* C.G. Thomson, 1868

*H. serratus* Gyllenhal, 1808

**E:** AU BE BH BY CR CT CZ DE EN FI FR GB GE GG IR IT LA LT NL NR NT PL RO SK SL ST (Kavkaz) SV SZ UK YU **A:** ES FE



Russia: South European Territory: Kavkaz: N. Ossetia, near Alagir, Buron, 1300 m, 15.08.1979, S. Kurbatov; Krasnodar Region, Seversky District, Ubinskaya, ultraviolet, 26.07.1975, V.V. Belov; *ibid.*, 27.06.1986, N.B. Nikitsky.

***Micrambe* C.G. Thomson, 1863**

*M. bimaculata* Panzer, 1798

**E:** AR AU BH CT CZ EN FI GB GE GR HU IR IT LA NR NT PL RO SK SL ST SV UK YU A: BEI FE GUI HEB HUB KZ MG SCH SHA YUN ZHE

Armenia: Berdavan ca. 10 km N of Noemberian, 900–950 m, *Quercus*, *Carpinus*, *Acer* etc. forest, litter under stones, 24–25.05.1987, S. Golovatch & K. Eskov.

Kazakhstan: Tarbagatay Mts., 1100–1200 m, riverine *Populus*, *Malus*, *Salix* forest, 22.06.2001, S. Golovatch.

*M. nigricollis* Reitter, 1876

**E:** AB AR GG ST **A:** ES IN KI KZ MG NMO TD

Russia: South European Territory: Astrakhan Area: Bogdinsko-Baskunchaksky Reserve, near B. Bogdo Mount, south karst field, cave, 02.05.2005, S.A. Kapralov; N of Baskunchak Lake, Baskunchakskaya Cave, near dead body small animal, 03.05.2005, S.A. Kapralov.

Russia: South European Territory: Kavkaz: N. Ossetia: Ardon River Basin, Sadon-Unalskaya Valley, slope opposite Zintsar Village, tragacanth, 09.11.1985, S.K. Alekseev; Terskii Mt. Ridge, Voznesenskaya, 05.08.1987, S.K. Alekseev; Ardon River Basin near Unal Village, 19.11.1986, S.K. Alekseev; Alagir Canyon, Unal Village, tragacanth, h=1100 m, 17.11.1988, N.A. Shevchenko.

*M. translata* Grouvelle, 1916

**E:** AB ST (Kavkaz) **A:** KI KZ MO

Russia: South European Territory: Kavkaz: N. Ossetia, Tsei Canyon, 07.1981, S.K. Alekseev; Karachaevo-Cherkesia, near Vazhnoe Village, left bank Kuban River, Shaitan-Tamak, 15.08.1970, S.I. Lyovushkin.

Kazakhstan: Aksu-Dzhabagly Reserve, Zhatynbai, h=1400 m, 28.04.1983, V. Yanushev.

Kyrgyzstan: Osh Area, Uzgen, Kipchalma, nest of *Passer indicus*, 17.05.1986, S. Rybin.

*M. woodroffei* Johnson, 2007

**E:** AL AR AU BE BH CT CZ DE FR GB GE GR IR IT LA MC MD NL NR NT PL PT RO SK SL SP ST (Kavkaz) SV TR UK YU **N:** AG LB MO TU **A:** CY IN IS LE TR

Armenia: NW of Airum, Bagratashen, 07.06.1981, S. Kurbatov.

***Paramecosoma* Curtis, 1833**

*P. melanocephalum* Herbst, 1793

**E:** AU BE BH BY CT CZ DE EN FI FR GB GE GG HU IR IT LT NL NR NT PL RO SK SL SP ST (Kavkaz) SV SZ UK YU **A:** ES WS

Russia: South European Territory: Kavkaz: Krasnodar Region, Seversky District, Ubinskaya, 19.05.1986, N.B. Nikitsky; Krasnodar Region, Goryachii Kluch, 27.05.1986, N.B. Nikitsky.

Russia: West Siberia: Khanty-Mansi Autonomous Okrug, Surgut District, Yugansk Reserve, Pegus'yach River, near Kogonshchina–2, bank of river, mouth of stream, *Carex* sp.,

cereals, *Filipendula ulmaria*, *Salix* sp., *Padus* and others, 03.09.2000, A.B. Ryvkin.

Russia: East Siberia: Irkutsk Area: Zhigalovsky District, pipeline Kavykta – Zhigalovo, water-meadow Lena River, 10.08.2006, L. Rybalov; Krasnoyarsk Region, Turukhansk District, Tsentralnosibirsky Reserve, headstream N. Lebedyanka River (left inflow of Yenisei), rotten mushrooms, 28.06.1992, V.B. Semenov; *ibid.*, Tsentralnosibirsky Reserve, headstream N. Lebedyanka River (left inflow of Yenisei), polypore in birch, 28.06.1992, V.B. Semenov; *ibid.*, Turukhansk District, Tsentralnosibirsky Reserve, headstream N. Lebedyanka River (left inflow of Yenisei), bank of river, litter, moss, 24.06.1992, V.B. Semenov; *ibid.*, Tsentralnosibirsky Reserve, Stolbovaya River Basin, Birapchana River, near mouth Kruten'kii Stream, bank, pebble, silt, sand, cereals, moss, *Carex* sp., and others, 110–140 m, 21–29.07.1991, A.B. Ryvkin; *ibid.*, Turukhansk District, Podkamennaya Tunguska River Basin, Rybnaya River, 40 km high mouth, 180 m, 11–12.09.1990, A.B. Ryvkin; *ibid.*, Turukhansk District, middle course of Sarchikha River (left inflow of Yenisei), near mouth Kamenka River, cutting of aquatic plants, 6–7.07.1992, V.B. Semenov; *ibid.*, Turukhansk District, Elogui River, polypore in asp, 03.08.1992, V.B. Semenov; *ibid.*, Turukhansk District, Tsentralnosibirsky Reserve, Kulingna River, near mouth Pravyi Usas River, litter, bank, in the middle of willow, cereals, *Betula fruticosa*, sedge and others, 04.09.1989, A.B. Ryvkin; *ibid.*, Turukhansk District, Tsentralnosibirsky Reserve, near mouths Verkhnyaya and Zakhrebetnaya rivers, litter, larch, fir, birch, and others, 30.08.1989, A.B. Ryvkin; *ibid.*, Turukhansk District, Tsentralnosibirsky Reserve, bank of Bolshaya Varlamovka River, middle course of Bolshaya Raskosaya River, forest, litter, 27.05.1992, V.B. Semenov; *ibid.*, Podkamennaya Tunguska River, Vorogovka River, 26.06.1991, A.B. Ryvkin.

***Pteryngium* Reitter, 1888**

*P. crenatum* Fabricius, 1798

**E:** AU BH BU BY CR CT CZ DE DI EN FR GE IT LA LT NR NT PL RO SK SL ST SV SZ UK YU **A:** ES FE NAR

Russia: East Siberia: near Yakutsk, 07.07.1962, [A.] Zhelokhovtsev.

Russia: Far East: Kunashir, near Mendeleevo Village, 16.07.1985, N.B. Nikitsky.

***Serratormaria* Nakane & Hisamatsu, 1963**

*S. tarsalis* Nakane & Hisamatsu, 1963

**A:** FE JA YUN

Russia: Far East: Kuril Islands, Kunashir, Tret'yakovo, 28.07.1985, N.B. Nikitsky; Kunashir, near Mendeleevo Village, 24.07.1985, N.B. Nikitsky; *ibid.*, 01.08.1985, N.B. Nikitsky; *ibid.*, 15.07.1985, N.B. Nikitsky; Kunashir, Sernovodsk, 17.07.1985, N.B. Nikitsky; *ibid.*, 17.07.1962.

*S. vulgaris* Sasaji, 1984

**A:** FE JA

Russia: Far East: Kuril Islands, Kunashir, near Mendeleevo Village, 03.07.1985, N.B. Nikitsky; *ibid.*, 30.06.1985, N.B. Nikitsky; *ibid.*, 06.06.1985, N.B. Nikitsky; Kunashir, Tret'yakovo, 21.07.1985, N.B. Nikitsky; Kunashir, 1997, Yu. Marusik; Ussuriisk District, Kamenushka, 28.06.1984, N.B. Nikitsky.

***Spaniophaeus* Reitter, 1875***C. termitophilus* Kieseritzky & Reichardt, 1936**E:** AB AU CT GG HU RO ST (Kavkaz) **UK A:** JO KZ PA TM UZAzerbaijan: 06.05.1955, [N.] Darskaya.Kazakhstan: Gur'ev AREA, 3240 20 km from Gur'ev, hair of *Meriones libycus*, 17.10.1987, Klimova; Gur'ev Area, trap jar near hole of *Rhombomys opimus*; 2880 8 km from Gur'ev, hair of *Meriones meridianus*, 07.04.1987, Klimova.Turkmenistan: Dushak, 1–9.05.1989, V.V. Belov; Ashkhabad, 12.11.1938; Dushak near Tedzhen, 24.04.1979, V.V. Belov; Annau, 28.05.1973, N. Dubrovin; near Kara-Kala, Parkhai, 26.04.1992, V.G. Grachev.Uzbekistan: Abai, 30 km WNW of Tashkent, 17.04.1984, S. Kurbatov.***Spavius* Motschulsky, 1844***S. glaber* Gyllenhal, 1808**E:** AU BE BH BY CT CZ DE EN FR GE HU IT LA LT NL NR NT PL RO SK SL SV SZ UK YU A: ES WSRussia: West Siberia: Yenisei River, Mirnoe, 62°20' N, neat of *Formica*, 06.1978, K. Es'kov.***Sternodea* Reitter, 1875***S. miki* Reitter, 1888**E:** GG ST (Kavkaz)Georgia: near Sukhumi, Kashtak, 25.08.1977, V.V. Belov.***Telmatophilus* Heer, 1841***T. brevicollis* Aube, 1862**E:** AB AU BE BH BY CR CT CZ DE FR GB GE GG HU IT NL PL PT RO SL SK SP ST (Kavkaz) **SV SZ UK YU A:** KZ UZ WSRussia: Central European Territory: Moscow Area, Konobeevo, 24.06.1990, N.B. Nikitsky; Yaroslavl Area, near Yaroslavl, 17.07.1928, Gimmelman; Ul'yanovsk Area, Zaslavyazh'e, flood-lands Sviyaga River, 04.04.1986, Isaev; Ul'yanovsk Area, Cherdakly, swamp, tussock, 02.08.1988, Isaev.Russian South Territory: Kavkaz: Krasnodar Region, Elisavetinskaya, cutting near swamp, 03.05.1974, A. Bogachev; Rostov Region, 25 km Oblivskaya Village, VNIALMI (Institute of agricultural afforestation), 03.06.1990, Cherezova.Georgia: Batumi, 04.05.1928, D. Romashov.Uzbekistan: Samarkand, 03.04.1947.Russia: West Siberia: Novosibirsk Area, Kochenevsky District, Novomikhailovka Village, 24.07.1987, V.G. Grachev.*T. caricis* A.G. Olivier, 1790**E:** AB AU BE BY CT CZ DE EN FI FR GB GE GG GR HU IT LA LT NL NR NT PL RO SK SL SP ST (Kavkaz) **SV SZ UK A:** MO WSRussian South Territory: Kavkaz: near Sochi, Vardane, forest, under bark of log, 19.07.1976, S. Kurbatov.Georgia: Batumi, 04.05.1928, D. Romashov; Adzharia, Poti, waterlogged forest and plants near water, 12.04.1983, V. Yanushev, A.B. Ryvkin; Abkhazia, Otkhara, 05.05.1957, Kurnakov.Russia: West Siberia: Tobol'sk, left bank of Irtysh River, 18.06.1933, I. Telishev; Novosibirsk Area, KochenevskyDistrict, Novomikhailovka Village, 24.07.1987, V.G. Grachev; Tyumen Area, Uvatskii District, 14 km S Gornoslinkino Village, near Tobol'sk Station of A.N. Severtsov Institute of Ecology and Evolution, Letnee Lake, flood-lands, left bank of Irtysh river, cutting of water-meadow, *Carex* spp., *Comarum palustre*, *Calamagrostis* sp., and others, 03.06.2004, A.B. Ryvkin.*T. schonherrii* Gyllenhal, 1808**E:** AU BE CR CT CZ DE FI FR GB GE HU IR IT LA MC NL NR NT PL SK SP ST SV SZ N: MO TU A: KZRussia: Central European Territory: Ul'yanovsk Area, Cherdakly, swamp, tussock, 02.08.1988, Isaev.*T. sparganii* Ahrens, 1812**E:** AB AU BE BH BU CR CZ FR GB GE GR HU IT MD NL PL PT RO SK SP SZ UK YU N: AG MO TU A: FE UZMoldavia: Roshu, 05.07.1983, V. Zolotikhin.Russia: Far East: Ussuriisk District, Kamenuška, 16.06.1984, N.B. Nikitsky.*T. typhae* Fallen, 1802**E:** AU BE BY CT CZ DE EN FI FR GB GE GG GR HU IR IT LA LS LT MC NL NR NT PL SK SP ST (Kavkaz) **SV SZ UK A:** ES FE HEB JA KI NC WS NARRussian South Territory: Kavkaz: Adler, 22.09.1975, V. Zolotikhin; Khosta, 10.06.1988, V.B. Semenov; Krasnodar Region, Severskii District, Ubinskoe Forestry, 07.08.1973, V.V. Belov; N. Ossetia, Mozdok, Oktyabr'sky, 21.06.1987, S.K. Alekseev; Lagonaki Plateau, 15.06.1981, M. Maksienkov.Georgia: Kodori, Stream, 20.05.1975, Zombori.Russia: West Siberia: Novosibirsk Area, Kochenevsky District, Novomikhailovka Village, 24.07.1987, V.G. Grachev; Tyumen Area, Khanty-Mansi Autonomous Okrug, Nefteyugansk District, near Pyt'-Yakh Village, Malo-Balykskoe oilfield, in sinus of *Typha angustifolia*, 12.08.2005, V.B. Semenov.Russia: East Siberia: Irkutsk Area, Irkutsk, 04.07.1980, Berlov.Kyrgyzstan: bank of Issyk-Kul Lake, S Chon-Urjukty, 1600 m, 19–23.06.1993, W. Schawaller.Subfamily ***Atomariinae*** LeConte, 1861***Atomaria*** Stephens, 1829*A. affinis* R.F. Sahlberg, 1834**E:** BH BY CT CZ FI GE GG HU IT LA LT NR NT PL RO SK ST (Kavkaz) **SV UK A:** ES FE UZ WS NARUzbekistan: Termez District, Uch-Kyzyl, 08.07.1991, V.B. Semenov.Russia: East Siberia: Krasnoyarsk Region, Turukhansk District, Tsentralnosibirsky Reserve, 01.07.1988, A.B. Ryvkin; *ibid.*, 13.09.1990, A.B. Ryvkin; *ibid.*, 3–4.06.1992, V.B. Semenov.*A. alpina* Heer, 1841**E:** AB AU BH BU BY CR CT CZ EN FI FR GE GG IT LA NR NT PL SK ST SV SZ UK A: FE HEI TR NAR

Belarus: Berezinsky Reserve, 30.04.1987, S. Saluk; *ibid.*, 1–3.05.1987, S. Saluk; *ibid.*, 31.05.1989, A. Tishechkin; Byelovezhskaya Pushcha, 26.04.1991, O.R. Aleksandrovich.

*A. analis* Erichson, 1846

**E:** AB AU BE BH BY CR CT CZ DE EN FR GE HU IC IT LA LT PL RO SK SL ST (Kavkaz) SV SZ UK YU  
**A:** ES IN TM TR

Turkmenistan: Kara-Kala, 700 m, 16.04.1993, S. Kurbatov.

Russia: East Siberia: Krasnoyarsk Region, Turukhansk District, 8–18.06.1989, L. Rybalov; *ibid.*, 15.07.1987, B. Sheftel; Pribaikal'e, Pokoinitskaya River, 23–30.06.1995, A. Shavrin; Altai, near Ongudai, 10.06.1989, S. Saluk; Novosibirsk, 23–31.05.1986, W. Schawaller.

*A. atra* Herbst, 1793

**E:** AU BE BY CT CZ FI FR GB GE HU IT LA PL SK SZ UK **A:** ES FE KI KZ MG WS

Kazakhstan: Distr. Tarbagatay, 1100–1200 m, 22.06.2001, S. Golovatch.

Kyrgyzstan: near Tyup, 03.07.1987, S. Kurbatov.

Russia: East Siberia: Krasnoyarsk Region, Turukhansk District, 29.08.1984, A. Ryvkin.

Mongolia: Central Aimak, Tosgoni oovo 6–10 km N von Ulan-Baator; Archangaj Aimak, Koschoo zaidam am Chogschin-orchon.

*A. atrata* Reitter, 1875

**E:** AR AU BE BH CT CZ EN FI GE HU IT LA LT NR NT PL RO SK ST (Kavkaz) SV SZ UK **A:** ES FE JA MG NAR

Armenia: Lichk near Megri, 29.05.1980, A. Lobanov.

Russian South Territory: Kavkaz: N. Ossetia: near Alagir, 02.05.1984, S. Alekseev; *ibid.*, 31.05.1984, S. Alekseev; *ibid.*, 17.11.1988, N. Shevchenko; Krasnodar Region, Severny District, Ubinskoe, 12.05.1975, N.B. Nikitsky; *ibid.*, 10.05.1975, N.B. Nikitsky.

Russia: East Siberia: Khanty-Mansi Autonomous Okrug, Surgut District, Yugansk Reserve, 20.09.2002, A.B. Ryvkin; Krasnoyarsk Region, Turukhansk District, Tsentralnosibirsky Reserve, 22.09.1992, V.B. Semenov; *ibid.*, 24.06.1992, V.B. Semenov; *ibid.*, 21.07.1992, V.B. Semenov; Krasnoyarsk Region, Bor Village, 09.05.1992, V.B. Semenov; *ibid.*, 14.05.1992, V.B. Semenov; *ibid.*, Podkamennaya Tunguska River, 07.09.1988, A.B. Ryvkin; Zabaikal'e, Vitim River, Ust'-Zaza, 5–6.06.1969, A. Rasnitsyn; *ibid.*, 20.05.1969, V. Zherikhin; Novosibirsk, 23–31.05.1986, W. Schawaller; Irkutsk, V. Yakovlev; Padun on Angara, 1867, Chekanovsky; Baikal'sk, 26.09.1983, Didorenko; Tyva, Yrban, 09.08.1973, B. Korotyayev.

*A. circassica* Reitter, 1888

**E:** GG ST (Kavkaz) **A:** TR

Georgia: Sukhumi, Kashtak, 4.09.1977, A. Belov; Abkhazia, Gumistinsky Reserve, Tsumur, litter, 6.04.1990, S. Kurbatov; Abkhazia, 900 m, near Pskhu, litter, 5.05.1991, S. Kurbatov.

*A. diluta* Erichson, 1846

**E:** AU BE BH CR CT CZ DE FI FR GB GE GG HU IT LT NR PL RO SK SL ST (Kavkaz) SV SZ UK YU

Russia: Central European Territory: Moscow Area, Serebriano-Prudskii District, near Stolbovka Village, 4–6.2004, N. Nikitsky; Moscow Area, Zvenigorod, 1981, M. Samkov;

Moscow Area, Likhovitskii District, Alpat'evo, 7–9.2007, N.B. Nikitsky; Chuvashia, Tsvil'skii District, Pervoe Semenovno Village, 8–16.05.2004, L.V. Egorov; Kaluga, 01.04.1925

Georgia: Borshomi.

*A. elongatula* Erichson, 1846

**E:** AU BY CT CZ FI GE HU LA PL RO SV SZ UK **A:** ES FE TR

Belarus: Vitebsk Area, Beresinsky Reserve, near Brody Village, 23.03.1989, S. Saluk; Vitebsk Area, Miorsky District, N El'nya, 4–5.1989, A. Tishechkin; Belovezhskaya Pushcha, 6–7.1994, V. Tsinkevich.

Russia: East Siberia: Buryatia, Kabansky District, Tazhnyi village, 17.07.1976, A. Kompantsev.

*A. fimetarius* Fabricius, 1792

**E:** AU BE BU CT CZ DE FI FR GB GE HU IR IT LT NL NR NT PL RO SK SP ST SV SZ UK **N:** AG **A:** ES FE NAR

Russia: East Siberia: Irkutsk Area, Baikal'sky tract, 17 km, 30.06.1994, A. Anitschenko.

*A. gibbula* Erichson, 1846

**E:** AR AU BE BH CR CT CZ FR GE GG HU IT MD NL PL SK SL ST (Kavkaz) SZ UK

Moldavia: 06.07.1983, A.G. Koval.

Armenia: N Airum, Bagratashen, 10.04.1982, S. Kurbatov; *ibid.*, 12.04.1982.

Russian South Territory: Kavkaz: N. Ossetia, Tsei Canyon, cereals meadows forestry zone, 1800 m, 1982, S.K. Alekseev.

*A. hislopi* Wollaston, 1857

**E:** BY CT EN FI GB GE LA NR NT RO SV UK

Belarus: Belovezhskaya Pushcha, 04.1993, G.N. Kozul'sky; Pridvin'e Village, 13 km W Vitebsk, oak forest, 11.05.1998, I.A. Solodovnikov.

*A. horridula* Reitter, 1877

**A:** BEI FE HEB HEI JA JIA NC SHG **ORR**

Oriental: Vietnam: mountain near Dong-nai, 28.02.1961, O.N. Kabakov.

*A. impressa* Erichson, 1846

**E:** AU BE BH BY CT CZ EN FI FR GB GE GG HU IT LA NL NT NR PL RO SK SL ST (Kavkaz) SV SZ UK **A:** ES TR WS NAR

Belarus: near Vitebsk, ash-tree at water, 5–6.1989.

Russian South Territory: Kavkaz: Krasnodar Region, Ubinskoe Forestry, 10.05.1975, N.B. Nikitsky.

Urals: Sverdlovsk Area, Pervouralsk District, Bilimbai Village, stack of planking, 25.05.1998, A.I. Ermakov.

Russia: East Siberia: Omolon River, 50 km high mouth Oloi, 25.06.1976, N. Dokuchaev.

*A. kamtschatica* Motschulsky, 1845

**E:** BY NT **A:** ES FE MG WS **NAR**

Belarus: Luzhki Station, 12 km NO Bogushevsk, nest of Formica execta, 1–15.06.2000, I.A. Solodovnikov (coll. leg.).

Russia: North European Territory: Vologda Area, Ust'-Kubensky District, Nikol'skoe Village, 10.05.1983, A. Kompantsev; Murmansk Area, Poyakonda Station, Biological Station of Moscow State University, *Atriplex* sp., 2–5.07.1979, E.M. Veselova; S Yamal Peninsula, Priuralskii District, near



Shchuch'e, *Pic. abies-Vaccinium vitisidaea-Pleurozium shreberi*, 7–8.1980, E.M. Veselova; Nenets Autonomous Okrug, lower course Pechora, 16.07.1998, O. Uzhakina; Komi Republic, Ukhta, 24.06.1974, V. Shilov; Komi Republic, right bank of Usa River, Amshor.

*A. lewisii* Reitter, 1877

**E:** AB AU BE BH BU BY CT CZ DE EN FI GB GE HU IR IT LA LS LT MD NL NR PL SL SR ST (Kavkaz) SV SZ **A:** AF BEI BT FE FUJ GAN GUA GUI HEB HEI HUB IN JA KA KI KZ MG NC NMO NP SD SCH SHA SHG SHN TAI TD **TM** UP UZ YUN ZHE **COS**

Turkmenistan: Repetek, 12.05.1912, coll. N.I. Fursov.

*A. linearis* Stephens, 1830

**E:** AU BE BH BU BY CT CZ DE EN FR GB GE GG GR HU IR IT LA MD NL NR NT PL RO SK ST SV UK **N:** TU **A:** ES FE HEB HEI KZ TR **NAR**

Russia: East Siberia: Irkutsk Area, Irkutsk, Bokor; Altai, Kyzyl-Ozek, 19.07.1983, V. Shilenkov.

*A. marginata* Fleischer, 1909

**A:** KI KZ MG

Kyrgyzstan: 3 km S Tyup, steppe, plant remains, 03.06.1987, S. Kurbatov.

*A. mesomela* Herbst, 1792

**E:** AU BE BH BY CR CT CZ DE EN FI FR GB GE HU IR IT LA LS LT MD NL NR NT PL RO SK SP ST (Kavkaz) SV SZ UK **N:** AG **A:** ES FE MG WS **NAR**

Russia: East Siberia: Lena, Zhigansk, cape of Nashin, 06.1879, Chekanovsky.

Russia: Far East: Amur Area, Selemdzhinsk District, Nora River Basin, Mal'tsevskii Cordon, Mal'tsevskoe Lake, moss and litter at waterlogged bank with tussock of grass, sedge, *Spiraea* spp., and others, 11.06.2005, A.B. Ryvkin, E.M. Veselova; ibid., Norskii Reserve, Burunda River Basin, near Burunda Cordon, plant remains among tussocks of sedge with *Alnus* sp., *Larix gmelinii* at bank of stream, 17.09.2004, A.B. Ryvkin; ibid., moss and plant remains among tussocks of *Carex* spp. at swamp with grass, sedge, and cotton-grass with small moss *Sphagnum squarrosum*, *Sph.* sp., *Ledum palustre*, *Vaccinium uliginosum*, *Salix* sp., *Betula* sp., and others, 21.09.2004, A.B. Ryvkin; Sakhalin Area, Yuzhno-Sakhalinsk, 5–13.06.1990, V.V. Grichik.

Mongolia: Selenginsky Aimak, Shamar, 03.07.1984, S. Kuz'min.

**NAR:** Alaska, Cirkl at Jukon R., 24.08.1976, E. Matys.

*A. morio* Kolenati, 1846

**E:** AB AU BY CT CZ DE FI GB GE HULA LT NR NT PL SK SV SZ UK **A:** ES FE IS WS **NAR**

Urals: 90 km W Sibey nr. Beryozovka, 16–24.07.2000, S. Kurbatov.

Russia: East Siberia: Tuva, mouth of Onochi River, nest of chough at rocks, 28.05.1975, Mel'nikova; Mongun-Taiginsky District, Shara-Kharagai tract, nest of *Alticola strelzovi*, 05.06.1978, N. Suntsova; ibid., nest of *Ochotona pallasi*, 17.07.1978, N. Suntsova; ibid., 15.08.1978, ibid., 14.06.1977, ibid., 11.08.1978, ibid., 06.06.1978, N. Suntsova; Tuva, Mongun-Taiginsky District, Kyzogl-Khirig tract, nest of *Citellus undulatus*, 04.09.1978, N. Suntsova; Tuva, Mongun-Taiginsky District, Duvurenig-ooi, nest of *Ochotona*

*pallasi*, 02.08.1977, N. Suntsova; Tuva, Mongun-Taiginsky District, Kara-Bel'dy tract, nest of *Citellus undulatus*, 07.06.1978, N. Suntsova; Tuva, 80 km N of Teli, B. Korotyayev; Yakutsk Region, Yakutsk, 11.06.1912, I. Afanas'ev; ibid., 27.06.1925, L. Bianki.

*A. nigripennis* Kugelann, 1794

**E:** **AR** AU BE CT CZ DE EN FI FR GB GE GG GR HU IC IT LT NL NR NT PL RO SK SP ST (Kavkaz) SV SZ UK **N:** TU **A:** **TM**

Armenia: near Kirovakan (Karaklis), Megrut, 29.05.1981, S. Kurbatov.

Turkmenistan: near Kara-Kala, 700 m, 17.04.1993, S. Kurbatov.

*A. nigrirostris* Stephens, 1830

**E:** AB AL **AR** AU BE BH BU BY CT CZ DE EN FI FR GB GE GG GR HU IR IT LA LS LT NL NR NT PL PT RO SK SL SP ST SV SZ UK YU **N:** AG **A:** ES FE IN MG TR UZ WS **NAR**

Armenia: Odzun, W of Alaverdi, *Quercus*, *Fagus*, *Carpinus* forest, litter and under stones, 1500–1550, 23.05.1987, S.I. Golovatch, K.Yu. Eskov.

*A. nitidula* Marsham, 1802

**E:** AU CT DE EN FI GB GE HU IR LA LS LT NL NR NT RO **ST** (Kavkaz) SV SZ **A:** ES WS

Russia: East Siberia: Tuva, S of Turan, 08.08.1984, A.B. Ryvkin; Enisei Region, near mouth N. Tunguska, 08.1873, Chekanovsky.

Russian South Territory: Kavkaz: Dagestan, Sergokalinskii, Degva Village, oak forest, litter, 09.06.1982, S.I. Golovatch; Krasnodar Region, Severskii District, Ubinskoe Forestry, 11–12.06, N.B. Nikitsky.

*A. pseudatra* Reitter, 1888

**E:** AU BY CT DE EN FI GB GE HU IT LA LT NT SV SZ **A:** ES WS

Russia: West Siberia: Tyumen Area: Uvatskii District, 9 km S Gornoslinskino Village, near Tobolsk Station of IPEE RAN, moss and litter, swamp with *Carex* spp., cereals, *Sphagnum girgensohnii*, *Sph. squamosum*, *Sph. riparium*, *Sph. ?balticum*, *Sph. centrale* and others, 21.09.2003, A.B. Ryvkin; ibid., flood-lands Missiinka River, plant remains among cereals and *Filipendula ulmaria* near sparse willow, 18.09.2003, A.B. Ryvkin; ibid., cutting gramineous plants, sedge, buttercup, *Geranium* sp., *Filipendula ulmaria*, *Lathyrus* sp., *Vicia* sp., *Stellaria* sp., *Salix* sp., *Sorbus sibirica*, *Viburnum* sp., underwood asp, and other, 10.06.2004, A.B. Ryvkin; ibid., Letnee Lake, in flood-lands left bank of Irtysh River, *Carex* spp., *Comarum palustre*, *Calamagrostis* sp., little green moss, 03.06.2004, A.B. Ryvkin; Khanty-Mansi Autonomous Okrug, Surgut Region, Surgut Reserve, Ob' River Basin, bank of Materikovyi Pasl, bank of lake, *Carex* spp., *Comarum palustre*, Lamiaceae, *Climaceum*, *Plagiomnium* sp., and other, 10.08.2000, A.B. Ryvkin; Surgut Region, Yuganskii Reserve, Negus'yakh River Basin, near mouth of Pechnan'yakh River, N bank of big lake, moss, litter among *Carex* spp., cereals, *Comarum palustre*, *Salix* sp., ? *Aulacomnium* sp., *Plagiomnium* sp., and other, 08.09.2000, A.B. Ryvkin.

Russia: East Siberia: Krasnoyarsk Region: Podkamennaya Tunguska River, Vorogovka River, 14.06.1991, A.B. Ryvkin; ibid., 29.06.1991, A.B. Ryvkin; ibid., 26.06.1991, A.B. Ryvkin; 10 km S of Mirnoe Station, left bank of Enisei, lakes



of flood-lands, 9–12.09.1984, A.B. Ryvkin; *ibid.*, 4–29.08.1984, A.B. Ryvkin; Tsentralnosibirskiy Reserve, B. Varlamovka River, mouth of Raskol River, 21.08.1988, A.B. Ryvkin; *ibid.*, Stolbovaya River Basin, Birapchana River, 10–14 km downstream confluence Levaya and Pravaya Birapchana Rivers, 500–550 m, 03.07.1988, A.B. Ryvkin; *ibid.*, Stolbovaya River, 5 km higher mouth, 18.09.1991, A.B. Ryvkin; Bor Village, litter in birch wood, 09.06.1988, A.B. Ryvkin.

*A. punctatissima* Reitter, 1877

A: FE HUB JA

Russia: Far East: C. Kamchatka, Esso village, 3–7.08.1990, S. Saluk.

China: E. Hubei, Shennongjia Nat. Res., env. Macheng, Longsheng, 500 m, 29.05.1995, S. Kurbatov.

*A. pusilla* Paykull, 1798

E: AB AR AU BE BH BU BY CR CT CZ DE EN FI FR GB GE GG GR HU IC IR IT LA LS LT MC MD NL NR NT PL PT RO SK SL SP ST (Kavkaz) SV SZ TR UK YU N: AG CI MO MR TU A: AF FE IN KI KZ MG TD TR UZ NAR

Kyrgyzstan: 3 km S Tyup, 05.09.1981, S. Kurbatov.

Tajikistan: Kondara, 31 km of Dushanbe, ultraviolet, 1200 m, 16–20.06.1973, V. Yanushev; Hissar Mt. Ridge, Varzub-Puguch, 10.07.1932; Dushanbe, Varzub River, 26.10.1984, V.G. Grachev.

Uzbekistan: Samarkand, 27.05.1940.

*A. rubella* Heer, 1841

E: AU BE BH BU BY CT CZ DE FI FR GB GE HU IR IT LA LT NL NR NT PL PT SK ST (Kavkaz) SV SZ A: ES TR WS

Russia: East Siberia: Krasnoyarsk Region, Yenisei River, Mirnoe, 62°20' N, water-meadow, cutting, 02.07.1978, K. Eskov; *ibid.*, branch on shore, 11.06.1978, K. Eskov.

*A. rubricollis* C.N.F. Brisout de Barneville, 1863

E: AB AR AU BH CR CT DE FI FR GB GE GG GR HU IR IT LA LS MD NL NT PL RO ST (Kavkaz) SV SZ UK A: CY IN IS JO KZ ST SY TM TR

Armenia: Erevan, Dzhervezh, straw, 24.09.1987, S. Saluk; Karabakh, willow of rotten wood, 29.05.1960, G.M. Dlussky.

*A. subangulata* J.R. Sahlberg, 1926

E: BY CT DE FI GE LA NR NT ST (Kavkaz) SV UK A: ES WS NAR

Belarus: Vitebsk Area, Lepel'skii District, Berezinskii Reserve, Krasnogubka River, *Formitopsis pinicola*, 25.04.1989, A.K. Tishechkin.

Russian South Territory: Kavkaz: Adygeya, Guseripl', fir, 8–26.06.2001, Bibin; *ibid.*, 5–6.2000, Bibin; *ibid.*, 14.06.1988, N.B. Nikitsky; N. Ossetia, Zaramag, Nar, L'yakom Canyon, 15.05.1986, S.K. Alekseev.

Urals: S. Urals, 90 km W Sibay, nr. Beryozovka, 16–24.07.2000, S. Kurbatov.

*A. umbrina* Gyllenhal, 1827

E: AB AU BE BH BU BY CT CZ DE EN FI FR GB GE GG HU IR IT LA LS LT NL NR NT PL RO SK ST (Kavkaz) SV SZ UK A: FE HEI

Russian South Territory: Kavkaz: Krasnodar Region, Severskii District, Ubinskoe Forestry, 26.06.1976, V.V. Belov.

Azerbaijan: Khanlar District, Tagana Village, 20.06.1986, N.B. Nikitsky.

*A. wollastoni* Sharp, 1867

E: AR BY CT DE EN FI FR GB GE IR NL NR NT ST (Kavkaz) SV A: ES FE NAR

Belarus: Vitebsk, 15–27.07.1999, I.A. Solodovnikov; Minsk Area, near Priluki Village, 21–31.05.1986, E.M. Zhukovets.

Russian South Territory: Kavkaz: Krasnodar Region, Severskii District, Ubinskoe Forestry, 24.07.1976, V.V. Belov.

Armenia: Lichk near Megri, 29.05.1980, A. Lobanov.

Russia: East Siberia: Altai: near Ongudai, 10.06.1989, S. Saluk; Buryatia, Kabanskii District, Tazhnyi Village, 17.07.1976, A. Kompantsev.

Russia: Far East: Amur Area, Selemdzhinsk District, Norskii Reserve, Nora River down of Maltsevsky Cordon, moss and litter among *Carex* spp., cereals at lake bank, 10.06.2005, A.B. Ryvkin, E. Veselova; Ussuri District, Kamenushka Village, 23.06.1989, N.B. Nikitsky.

*A. zetterstedti* Zetterstedt, 1838

E: AU CR CT CZ DE EN FI FR GB GE IR IT LA NL NR NT PL SK ST (Kavkaz) SV SZ A: ES FE KZ UZ WS NAR

Kazakstan: E ridge of Dzhungarskii Alatau, Tastau River Basin, Arkantirgen River, 1800 m, deciduous litter, 10.08.1991, A.K. Tishechkin.

Uzbekistan: Samarkand, 14.07.1940.

Russia: Far East: Jewish Autonomous Oblast, Amur River, Dichun, 130°45' near Radde, 10.08.1978, V.V. Belov.

N. America: Alaska, Cirkl Hot Springs, 24.08.1976, E. Matys.

*Curelius* Casey, 1900

*C. dilutus* Reitter, 1883

E: AB GG ST (Kavkaz) UK A: AF KI KZ UZ TD TM

Ukraine: Desantnoe, lower Danube, dry solonetz, 11.08.1971, S.Ya. Blinsein; *ibid.*, dry solonetz, statices, worm-woods, 11.08.1971, S.Ya. Blinsein; Odessa Area, lower Khadzhibeisky Estuary, sediment load, 31.03.1967, S.Ya. Blinsein; Odessa Area, N bank Kugurlui Lake, uliginous bank, 13.08.1971, S.Ya. Blinsein; Odessa Area, Kiliiskii District, Stentsovskaya Plavna, salt-marsh, under straw, 04.11.1969, S.Ya. Blinsein; Odessa Area, NW bank of Kugurlui Lake, solonetz steppe, fowl-grass, 13.08.1971, S.Ya. Blinsein; Don, Ilovinskaja, 20.09.1943, A. Bogachev; Crimea, Alushta, 19.07.1955, M. Tikhonravov; Crimea, Alushta, mount Kastel', half-dry cow dung, 17.07.1955, M. Tikhonravov; Kherson Area, N. Tronskii District, Krasnyi Sivash, bank of saline lake, among saltwort and statices, 12.05.1970, S.Ya. Blinsein.

Russian South Territory: Kavkaz: Stavropol Region, 21 km NW Mineralnye Vody, forest shelter-belt, 30.05.1982, V. Yanushev; Krasnodar Region, Severskii District, Ubinskoe Forestry, 11.08.1975, V.V. Belov; *ibid.*, 22–24.07.1975, V.V. Belov; *ibid.*, 1–2.07.1988, N.B. Nikitsky; *ibid.*, 29.06.1975, V.V. Belov; Dagestan, Madzhalis, 21.05.1988, V. Dolgov; Krasnodar, 21.06.1974, A. Bogachev; Chernomorskii Reserve, Potievskii Area, salt-marsh, among *Aeluropus litoralis*, 05.11.1970, S.Ya. Blinsein.

Tajikistan: near Dushanbe, Kondara, V. Yanushev; Kondara, 31 km N Dushanbe, ultraviolet, 1200 m, 16.06.1973, V. Yanushev; Kurgan-Tyube, 08.05.1964, Valiakhmedov; Kurgan-Tyube, salt-marsh, 08.05.1964, Valiakhmedov; near

Pyandzh Mount, on ground near water, 18.08.1987, V. Kolyada; *ibid.*, 19.07.1987, ultraviolet, V. Kolyada; Tigrovaya Balka, lower Vakhsh, 06.1975; Yavan, Gorats Village, ultraviolet, 08.06., V. Yanushev; Shaartuz District, vell. Beshkent, 22.04.1962, A. Bogachev; Dushanbe, 05.07.1962, A. Bogachev.

Turkmenistan: Ashkhabad, evening in the air, 9–13.04.1984, Mikhechev.

*C. exiguus* Erichson, 1846

**E:** AB AL AR AU BHBUBY CR CT CZ EN FR GE GG GR HU IT LA MA PL RO SK SP ST (Kavkaz) SZ TR UK N: EG MO TU **A:** CY IN IQ IS JO KZ TD TR UZ

Russia: Central European Territory: Kostroma Area, Manturovo District, Shilovo Village, *Ledium palustre*, 15.07.1981, A.B. Ryvkin; Moscow Area, Stolbovka Village, 25.07.2001, V.B. Semenov; *ibid.*, 7–9.2001, N.B. Nikitsky; Moscow Area, Kraskovo near Lyubertsy, 5–20.06.1981, V.V. Belov; Moscow Area, Konobeevo, alder, 11–30.06.1998, N.B. Nikitsky; Kalinin Area, Feryazkino Village, 1–18.07, [M.] Samkov.

Russian South Territory: Kavkaz: Stavropol Region, Kislovodsk, litter, 16.10.1947, B.V. Stark; N. Ossetia, Sunzhenskii Ridge, Kardzhin Village, 02.04.1985, S.K. Alekseev; N. Ossetia, Alagir Mount, left terrace of Ardon River, litter, 650 m, 22.06.1984, S.K. Alekseev; Krasnodar Region, Severskii District, Ubinskoe Forestry, 09.05.1975, N.B. Nikitsky.

Armenia: NW of Airum, Bagratashen, garden, litter, 06.06.1981, S. Kurbatov; NW of Airum, Bagratashen, forest,

litter, 31.05.1981, S. Kurbatov; Odzun, W of Alaverdi, *Quercus*, *Fagus*, *Carpinus* forest, under stones with ants, 1500–1550, 23–24.05.1987, S. Golovatch, K.Yu. Eskov.

Kazakhstan: Syr-Daria, Reitter; E slope of Dzhungarskii Alatau, Tastau River Basin, Arkantirgen River, 1800 m, litter, 10.08.1991, A.K. Tishechkin.

Uzbekistan: Tashkent, 3–10. 04.1985, V. Yanushev.

*Ootypus* Ganglbauer, 1899

*O. globosus* Waltl, 1838

**E:** AU BE CT CZ DE EN FI FR GB GE HU IR IT LA LT NL NT NR PL RO SK ST (Kavkaz) SV UK **A:** WS

Russia: West Siberia: Novosibirsk, Umg. Akademgorodok, 23–31.05.1986, W. Schawaller.

Russian South Territory: Kavkaz: N. Ossetia, Alagir Canyon, Unal Village, pinery juniper, 1150 m, 25.05.1988, N.A. Shevchenko; Karachaevo-Cherkessia, Dzhinta Ridge, subalpine meadow, 1950, 10–15.08.1997, I.A. Solodovnikov.

## References

- Johnson C. 2007. Cryptophagidae // Catalogue of Palaearctic Coleoptera. Vol. 4. Elateroidea. Derodontoida. Bostrichoida. Lymexyloidea. Cleroidea. Cucujoidea. / I. Löbl & A. Smetana (eds). Apollo Books. P. 514–531.