

Cryptophagidae (Coleoptera: Clavicornia) from China and adjacent regions

Cryptophagidae (Coleoptera: Clavicornia) Китая и сопредельных стран

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КЛЮЧЕВЫЕ СЛОВА: жуки, Cryptophagidae, фауна, Китай, Ориентальная область, Центральная Азия.

ABSTRACT. The article offers a list of species recorded in China and adjacent regions, to outline the dimensions and composition of China's fauna for the family in question. For the territory of China noted 80 species, including 11 species new to the country, many species marked for neighboring countries.

РЕЗЮМЕ. В работе приведён список видов, отмеченных в Китае и на сопредельных территориях, что позволяет представить объём фауны Китая по исследуемому семейству. Для территории Китая отмечено 80 видов, 11 из которых — новые для страны. Многие виды отмечены для сопредельных с Китаем стран.

Introduction

The beetle family Cryptophagidae is classified within the Clavicornia of the superfamily Cucujoidea. Cryptophagidae are represented in all major biogeographical regions, but species diversity is greatest in the tropical regions of Africa, Asia and the Americas.

The family Cryptophagidae currently includes approximately 51 genera and over 600 described species arranged in three subfamilies [Leschen, 1996]. Most species of Cryptophagidae are mycophagous, however, other feeding strategies and food sources are also used (e.g., phytophagy, myxomycophagy) [Leschen, 1999, 2006]. The family also comprises nidicolous beetles which live in burrows and nests of other animal species, and includes a number of species closely associated with social insects: bees, bumblebees, ants and termites [Lyubarsky, 1996, 2002; Leschen, 1999; Haddad et al., 2008]. Cryptophagidae have also been discovered in nests of mammals and birds [Waage, 1979], as well as in lepidopteran larval nests [Branco et al., 2008]. Many cryptophagids are pyrophilic beetles, i. e. attracted by forest fires, arriving first to disturbed habitats [Muona & Rutanen, 1994; McCullough et al., 1998; Wikars & Schimmel, 2001; Billings et al., 2004; Wikars et al.,

2004; Moretti et al., 2004; Parker et al., 2006]. Some genera have paired deep depressions at the ventral side of the pterothorax, which function as mycangia [Wikars & Elewi, 1997]. It is possible that fungi that persist in micangia then grow in new habitats to serve as food for these mycophagous beetles [Wheeler & Blackwell, 1984; Grebennikov & Leschen, 2010; Gullan & Cranston, 2010].

Both adults and larvae of Cryptophagidae are commonly found on mold, fungi, under bark, as well as in decaying vegetation. Therefore, collection data for cryptophagids shows a strong bias for habitats close to the ground (e.g., leaf litter, fallen logs, stumps, dung etc.). In most cases where cryptophagids are considered pests, the beetles infest stored food products [Coombs & Woodroffe, 1955; Triplehorn, 1965; Eliopoulos & Athanassiou, 2004], feeding primarily on molds and secondarily on the product itself. Other species are mainly scavengers living on debris and nest materials. These beetles are often found in bird nests and burrows of mammals. The pollen of flowering plants is also an important food source for the species of the genus *Antherophagus* Dejean, 1821. Very few cryptophagid species exhibit cave-dwelling or troglodytic habits.

The fauna of the family Cryptophagidae of the wide region including China and several neighboring countries in South-East Asia has been studied in several papers [Bruce, 1945, 1952; Johnson, 1970, 1971, 1975; Sen Gupta, 1978, 1980; Sen Gupta & Basak, 1985; Sen Gupta & Pal, 1980; Lyubarsky 1997a,b, 1998, 1999], but the region has not been studied sufficiently. Recently, the nomenclature has changed, with some species names becoming synonymous [Johnson, 2007]. The Zoological Museum of Moscow State University holds extensive collected material from China and SE Asia. Faunistic investigations have revealed new important details on the distribution of many species. Now it is possible to present the list of species of the Cryptophagidae from China and adjacent regions.

The fauna of northern China is very close to the fauna of Mongolia and Russian Far East, especially Primorye (Maritime) Territory. This is due to the fact that this region belongs to the subzone of humid monsoon mixed forests. Sikhote-Alin area includes zones from bald mountains to deciduous forests. This Asian deciduous forest zone extends to eastern China, Japan, and southern part of Russian Far East. The similarity of the floristic structure of these regions explains a substantial similarity of their insect fauna.

Some widespread in Central Asia species are penetrate into North China. Similarly, the Himalayan complex of species penetrates into Central China. These species are distributed in Nepal, Bhutan, and north-eastern part of India, in Uttar-Pradesh, Sikkim etc. Interpenetration of the Holarctic, Sino-Himalayan, and Oriental fauna occurs on very large areas, making a biogeographical zoning of Asia difficult. Therefore, it is useful to compare the distribution of species in China and some other Asian countries.

A detailed analysis of the Palearctic zoogeographical division in terms of the interaction of Holarctic fauna and the Sino-Himalayan fauna, summarizing the views of different authors can be found in the review by Sazonov [2012]. The following list of species includes species recorded from China, indicating their distribution in the surrounding areas, including the species common in Nepal and India, the eastern regions of Central Asia, Mongolia and Russian Primorye.

In general, wider distribution and regional boundaries follows the last catalogue of the group [Johnson, 2007] with later additions [Lyubarsky, 2008]. The following list treats the boundaries of the Palearctic Region as established in the catalogue [Johnson, 2007].

In the section "Material" mainly list the specimens that are stored in the Zoological Museum of Moscow State University. The section "Distribution" is a generalized indication of the distribution as well as a more detailed indication of the spread in countries adjacent to China.

The list contains 177 species; 80 of them are recorded in the territory of China, of which 11 are new to the fauna of China: *Antherophagus fursovi* Lyubarsky, 1991, *A. pallens* Linne, 1758, *A. similis* Curtis, 1835, *Cryptophagus atratus* Champion, 1922, *C. bruckii* Reitter, 1875, *C. cellaris* (Scopoli, 1763), *C. dzhungaricus* Lyubarsky, 2000, *C. punctipennis* Brisout de Barneville, 1863, *C. skalitzkyi* Reitter, 1875, *Atomaria atra* (Herbst, 1793), *Atomaria peltatula* Reitter, 1888. Four species were recorded as new to the different provinces of China. The list includes the new species for the fauna of the different neighboring countries of Central Asia and the fauna of the Oriental region: Kazakhstan — 6 species, Turkmenistan — 5 species, Uzbekistan — 2 species, Kyrgyzstan — 5 species, Tajikistan — 4 species, Mongolia — 1 species, Russian Far East — 2 species, Myanmar (Burma) — 4 species, Vietnam — 1 species, Thailand — 1 species.

Taxonomical part

Cryptophagidae Kirby, 1837

Cryptophaginae Kirby, 1837

Antherophagus Dejean, 1821

Antherophagus fursovi Lyubarsky, 1991

MATERIAL. **China:** Chin.Turkestan, Saibak b. Polu, h=2115 m, 6.06.1890, leg. Conradt S. (1 spec.); **Kazakhstan:** Dzungarian Alatau, Topolevka, h=1000–1200 m, 4–8.07.1957, leg. Zhelokhovtsev A. (1 spec.); Tarbagatai Mountains, 15 km S Oichilik tract, 23.07.1989, leg. Ovchinnikov S. (1 spec.); **Uzbekistan:** Tashkent, Chimgan tract, 27.06.1920, leg. Ivanov I.I. (1 spec.); Karzhantau Ridge, 9.07.1937, leg. Obychova (1 spec.); the same data, 7.07.1939; **Kyrgyzstan:** Karakol gorge, 4.07.1946, leg. Lubischev A.A. (1 spec.); Osh Province, Alay Valley, Irkeshtam, h=3000 m, 20.07.1960, leg. Bogachev A.B. (3 spec.); Turkestan Ridge, 20 km SE kishlak Varuch, h=3000 m, 9.07.1995, leg. Komarov E. (1 spec.); Kungei Alatau, canyon Sary-Bulak, 25.06.1991, leg. Ovchinnikov S (1 spec.); Karakol (Przhevalsk), 15.07.1936, Romashov D. (3 spec.); Sarujaz Ridge, 25.07.1984, leg. Danilevsky M.L. (1 spec.); Bishkek (Frunze), Sarydzhen, 29.07.1946, leg. Lyubischev A.A. (3 spec.); Tian Shan, Naryn river, 11.08.1965, leg. Zlotin R. (3 spec.); **Mongolia:** Central Aimak, Ulan-Baator, 5–15.07.1980, leg. Skrypnik (1 spec.); Central Aimak, Tola river, under the bark of the willow, 6.07.1980, leg. Zherikhin V.V. (1 spec.); Ar-hangaisky aimak, Tevshrulakh, 9.07.1970 (2 spec.); **Russia:** Far East, Kunasiri Island, SW, Ozernyi tract, 21–26.07.2011, leg. Kurbatov S.A. (1 spec.)

DISTRIBUTION. Caucasus, C Asia, E Siberia, Mongolia. — New to **China:** Xinjiang; new to **Uzbekistan;** Kazakhstan; Kyrgyzstan; Mongolia; Russian Far East.

Antherophagus himalaicus Champion, 1922

MATERIAL. **India:** Uttar Pradesh, Badrinath, h=3200–3600 m, 1.08.1989, leg. A. Riedel (1 spec.); Himachal Pradesh, Simla, Kufri, 16.07.1989, leg. A. Riedel (1 spec.) [Lyubarsky, 1997a]; Ladakh, Kargil, h=2950 m, 30.05.–7.06.1976, leg. Martens & Schawaller (7 spec.); Lahul, Keylong, h=4000 m, 25.07.1989, leg. A. Riedel (1 spec.) [Lyubarsky, 1999]; Kumaon, W.Bhatkot, h= 2000 m, 05.1920; **Nepal:** Myagdi Distr., Myagdi Khola S Dobang, h=2000–2400 m, 21.05.1995, leg. Martens & Schawaller (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. Nepal; India: Uttar Pradesh, Himachal Pradesh, Kumaon, Almora, Kashmir. — Can be found in China.

Antherophagus microphthalmicus Grouvelle, 1919

DISTRIBUTION. India: Sikkim. — Can be found in China.

Antherophagus nigricollis Champion, 1925

DISTRIBUTION. India: Uttar Pradesh. — Can be found in China.

Antherophagus pallens Linne, 1758

MATERIAL. **China:** Kharbin, 16.07.1953, leg. Alin V.N. (1 spec.); **Kyrgyzstan:** Ishkent, 23.04.1942, leg. Arnoldi K.V. (2 spec.); Karakol (Przhevalsk), 2.08.1936, Romashov D. (1 spec.); Tian Shan, Naryn river, 11.08.1965, leg. Zlotin R. (1 spec.); **Tajikistan:** Tian-Shan, upper river Bolshoy Naryn, 11.08.1964, leg. Zlotin B. (1 spec.); **Mongolia:** Khokh-Sum river, 7.08.1981, leg. Medvedev L.N. (1 spec.); Central Aimak, 60 km S Dzuk-Ida, 28.06.1980, leg. Zherikhin V.V. (1 spec.); Selenginsky aimak, Shamor, 4.08.1983, leg. Mikhailov K.G. (1 spec.); **Russia:** Primorye, Amur region, Zeya, 21.07.1978, leg. Belov V.V. (1 spec.); Lazovsky reserve, Lazo, 20–23.08.2006, leg. Shokhrin V. (1 spec.); Lazovsky reserve, Glazkovka, 14–19. 08.2006, leg. Shokhrin V.

(1 spec.); Zeya reserve, 21.05.1978, leg. Ryabukhin (1 spec.); Khasansky area, Khasan, Golubinyi Utes, 22.08.1972, leg. Kuznetsov (1 spec.); Cheremukhovaya river, 15 km down on the river of Cheremshan, 25.07.1986, leg. Zherikhin V.V., Grachev V.G. (1 spec.); Sikhote-Alin, 17.06.1929, coll. Fursov N. (1 spec.); Khasansky area, Kedrovaya Pad reserve, 16.07.1975, leg. Ryabukhin (1 spec.); Dalnegorsk, 19.07.1986, leg. Zherikhin V.V., Grachev V.G. (1 spec.); Amur region, Selemjinsk, 19.08.1970, leg. Ryvkin A.B. (1 spec.); Vladivostok, 29.07.1948, coll. Bogachev (2 spec.); Ussurijsky region, Kamenushka, 4.08.1990, leg. Kurbatov S.A. (1 spec.); Khabarovsk region, Khekhcir Mts., 12.08.2979, leg. Lafer G. (1 spec.); Kunasiri Island, SW, Ozernyi tract, 21–26.07.2011, leg. Kurbatov S.A. (2 spec.).

DISTRIBUTION. Europe, E Siberia, Far East, Japan. — New to **China**: Heilongjiang; new to **Mongolia**; new to **Kyrgyzstan**; new to **Tajikistan**; Russian Far East; Japan.

Antherophagus silaceus Herbst, 1792

MATERIAL. **Kazakhstan**: Dzhungarian Ridge, Topolevka, 8.06.1951, leg. Zhelokhovtsev A. (1 spec.); **Kyrgyzstan**: Issyk-Kul lake, Murgien, near Tchon-Urjukty, h= 2000–2800 m, 16.08.1992, leg. Milko D. (1 spec.); **Mongolia**: Ar-hangaisky aimak, 42 km N Tevshrulakh, 11.08.1970 (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Europe, Kazakhstan. — New to **Kyrgyzstan**; **Mongolia**; can be found in China.

Antherophagus similis Curtis, 1835

MATERIAL. **China**: Manchjuria, Kharbin, 16.07.1953, leg. Alin N.V. (2 spec.); **Kazakhstan**: Zhetysu (Semiryechye); **Uzbekistan**: Ishkent, 23.04.1942, leg. Arnoldi K.V. (1 spec.) [Lyubarsky, 2008]; **Kyrgyzstan**: headstream Naryn river, 11.08.1964, leg. Zlotin R. (1 spec.); Przhewalsk, 2.08.1936, leg. Arnoldi K.V. (1 spec.) [Lyubarsky, 2008]; **Mongolia**: Selemjinsky aimak, Shamor, meadow, 4.08.1983, leg. Mikhailov K.G. (1 spec.); Khokh-Sum river, 7.08.1971, leg. Medvedev L.N. (1 spec.); Central aimak, 60 km S Dzuk-Moda, 28.06.1980, leg. Zherikhin V.V. (1 spec.) [Lyubarsky, 2008]; **Russia**: Primorye, Amur region, Komsomolsk-na-Amure, Pivan; Suchan river basin; Ussuri river basin, Bikinsky; Amur region, Dichun near Radde, 5.08.1978, leg. Belov V.V. (1 spec.); Shkotovsky region, Anisimovka, Beresovyi Kluch river, in flourishing *Angelica*, 7.08.1975; Selemjinsk, 19.08.1978; Khabarovsk Province, Khekhcir, 12.08.1979, leg. Lafer G.Sh. (1 spec.); Ussuriysky reserve, 7.08.1971 (1 spec.); Vladivostok, taiga, 29.07.1948, leg. Bogachev V.G. (2 spec.); Ussuriysky reserve, Kamenushka, 4.08.1990, leg. Kurbatov S.A. (1 spec.); Komsomolsk-na-Amure, 26.08, leg. Shawrow W. (1 spec.); Amur region, Selemjinsk, 19.08.1970, leg. Zherikhin V.V. (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Europe, Kazakhstan. — New to **China**: Heilongjiang; **Mongolia**; **Uzbekistan**; **Kyrgyzstan**; **Russian Far East**.

Antherophagus spaceki Roubal, 1935

DISTRIBUTION. China: Fujian, Sichuan.

Caenoscelis Thomson, 1863

Caenoscelis ferruginea C.R.Sahlberg, 1820

MATERIAL. **Kazakhstan**: Almaty region, Zailiysky Alatau, Medeo, h=1500–1600m, *Picea*, *Betula* etc. forest, 27.05.2001, leg. Golovatch S. (1 spec.); NE Dzhungarian Alatau, W spurs of Tastau Ridge, Mt. Zhumak, left bank Kokmoin, h=1800 m, fir groves, litter, 4.08.1991, leg. Tishechkin A. (1 spec.) [Lyubarsky, 2008]; **Russia**: Primorye, Ussurijsky region, Kamenushka, 9.07.1980, leg. Nikitsky N.B. (1 spec.); the same data, 16.06.1982; Ussurijsky reserve, 8.07.1987, leg. Kurbatov S.A. (1 spec.); Khasansky region, Kedrovaya Pad reserve, 29.07.1978, leg. Kurbatov S.A. (1 spec.); Lasovsky reserve, 23–31.05.2009, leg. Kurbatov S.A. (1 spec.); Amur region, Zeya, 13–26.07.1978, leg. Kurbatov S.A. (3 spec.); Spasskiy region, Yakovlevka (1 spec.); Amur region, Yam-Alin Mts., headwaters of Selemja river, 10.08.1979, leg. Kabakov O.N. (1 spec.); Zeya reserve, 13.07.1978, leg. Belov V.V. (1 spec.);

Khasansky area, near Ryazanovka, 20 km SW Slavyanka, 02.08.1988, leg. Kurbatov S.A. (1 spec.).

DISTRIBUTION. Europe, E Siberia, Far East, Nearctic. — **Kazakhstan**; **Russian Far East**; can be found in China.

Caenoscelis franzi Sengupta, Basak, 1985

MATERIAL. **Nepal**: Ilam Distr., N Mai Pokhari, Gitang Khola Valley, 2500–2600 m, 28–31.III.1980, leg. Martens J., Ausobsky (1 spec.); Parbat Distr., between Deorali and Chitre, 2700 m, 1–2.V.1995, leg. Martens J., Schawaller W. (1 spec.); Panchthar Distr., Paniporua, 2300 m, mixed broadleaved forest, 16–20.IV.1988, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Sikkim; Nepal. — Can be found in China.

Caenoscelis sibirica Reitter, 1889

MATERIAL. **Russia**: Primorye, Ussurijsky region, Kamenushka, 15.05.1990, leg. Nikitsky N.B. (1 spec.); the same data, 24.06.1989; Lazovsky reserve, 20.04.1996, leg. Sundukov Yu. (1 spec.); Lazovsky reserve, 14–31.05.2009, leg. Kurbatov S.A. (7 spec.); Zeya reserve, 19.06.1978, leg. Belov V.V., Kurbatov S.A. (1 spec.); **N Korea**: Kangwon Province (1 spec.) [Lyubarsky, 1991].

DISTRIBUTION. Europe, Mongolia, Far East, Japan, N Korea. — **Mongolia**; **Russian Far East**; **Japan**; **N Korea**; can be found in China.

Caenoscelis subdeplanata

C.N.F. Brisout de Barneville, 1882

MATERIAL. **Uzbekistan**: Tashkent, 20.05.1947, coll. Fursov N.I. (1 spec.) [Lyubarsky, 2008]; **Russia**: Primorye, Zeya, 11.06.1978, leg. Kurbatov S.A. (1 spec.); the same data, 26.06.1978; Komsomolsk, 18.08.1937, leg. Shawsow W., coll. Fursov N.I. (1 spec.); Ussurijsky region, Kamenushka, 29–30.06.1984, leg. Nikitsky N.B. (1 spec.); Lazovsky reserve, 14–21.05.2009, leg. Kurbatov S.A. (1 spec.); near Anisimovka, 60 km W Partizansk, litter, 24.07.1988, leg. Kurbatov S.A. (1 spec.); Sikhote-Alin, Ust-Serebryani, 17.06.1979 (1 spec.); 30 km W Lazo, slope of Orekhovaya Mt., 28.06.1990, leg. Kurbatov S.A. (1 spec.); Amur region, Pashkovo near Radde, 02.08.1977, leg. Ryvkin A.B. (1 spec.); Dichun near Radde, 6.08.1978, leg. Belov V.V. (1 spec.).

DISTRIBUTION. Europe, E Siberia, Far East, Nearctic. — **Uzbekistan**; **Russian Far East**; can be found in China.

Caenoscelis wangi Johnson et Bowstead, 2003

DISTRIBUTION. China: Taiwan.

Cryptophagus Herbst, 1792

Cryptophagus acutangulus Gyllenhal, 1827

MATERIAL. **China**: Inner Mongolia, Uangab, leg. Zhang Shengfang (16 spec.); Inner Mongolia, Chifeng, leg. Zhang Shengfang (2 spec.); Inner Mongolia, Ihju, leg. Zhang Shengfang (47 spec.); Inner Mongolia, Hinggan, leg. Zhang Shengfang (9 spec.); Inner Mongolia, Hulun Buir, leg. Zhang Shengfang (1 spec.); Inner Mongolia, Jiyem, leg. Zhang Shengfang (9 spec.) [Lyubarsky, 1995]; grain-storage [Yan et al., 2010]; **India**: Andhra Pradesh, Kakinada, 1.06.1998, leg. Sokolov E. (1 spec.); **Turkmenistan**: Amu-Darya river, Nargys Island, 100 km below Chardzhou, 04.1983, leg. Alekseev S.K. (1 spec.); E. Karakum Desert, Repetek, 31.03.1982, leg. Krivochatsky (1 spec.), the same data, 22.12.1982; Chardzhou, 26.12.1904, leg. Fischer E. (1 spec.); Dushak near Tedzhen, 20.04.1979, leg. Belov V.V. (1 spec.); floodplain Amu-Darya river, 3.06.1965, leg. Kerzhner I. (1 spec.); **Uzbekistan**: Tashkent, 25.03.1920, leg. Ivanov I. (1 spec.); Samarkand, 4.04.1940, coll. Fursov N.I. (1 spec.), the same data, 1.06.1943, the same data, 10.05.1943, the same data, 17.05.1943; Zarafshan, Serbent; Baisuntau Mt., 30 km S Baisun, 12.05.1994, leg. Ovtsharenko S. (1 spec.); **Kyrgyzstan**: Talass Thal, 03.1908, leg. Fisher E. (1 spec.); Bishkek, 29.06.1932 (8 spec.); Bishkek, 5–25.05.1977, leg. Yanushev V. (1 spec.); Osh region, Karagay, Kyrghiz-Ota river (Aravan ba-

sin), litter bats, 24.06.1987, leg. Rybin S.N. (1 spec.); **Tajikistan:** Panj, 9.05.1951, leg. Bogachev (1 spec.); Kurgan-Tybe, 06.1939, leg. Romanov A. (1 spec.); Bathyz, Morgunovsky, 16.02.1979, leg. Atamuradov K. (1 spec.); Dushanbe, 18.04.1932, coll. Fursov N. (1 spec.); **Russia:** Far East, Ussuryisk area, Kamenushka, 11.06.1975, leg. Murzin S. (1 spec.); Kamenushka, 16.06.1982, leg. Nikitsky N.B. (1 spec.); same data, 7.07.1982, leg. Nikitsky N.B. (1 spec.); same data, 24.05.1984, leg. Nikitsky N.B. (1 spec.); same data, 16.05.1990, leg. Nikitsky N.B. (1 spec.); Primorye, Lazovsky reserve, 20.04.1996, leg. Sundukov Yu. (1 spec.); Zeya, 25–26.07.1978, leg. Kurbatov S.A. (1 spec.); Zeya reserve, 22.06.1978, leg. Belov V.V. (1 spec.).

DISTRIBUTION. Palaearctic, Afrotropic, Nearctic, Neotropical, Oriental Region. — China: Inner Mongolia; new to **India:** Andhra Pradesh; Turkmenistan; Uzbekistan; Kyrgyzstan; Tajikistan; Russian Far East.

Cryptophagus anitidus Lyubarsky, 2000

MATERIAL. **China:** Inner Mongolia, Uangab, leg. Zhang Shengfang (17 spec.) [Lyubarsky, 2000].

DISTRIBUTION. China: Inner Mongolia.

Cryptophagus anxiosus Grouvelle, 1916

MATERIAL. **Nepal:** Panchthar Distr., Paniporua, h=2300 m, mixed broadleaved forest, 16–20.04.1988, leg. Martens J., Schawaller W. (2 spec.); Lalitpur Distr., Phulchoki, Mt., h=1800–2000 m, 25.04.1995, leg. Martens J., Schawaller W. (1 spec.); Taplejung Distr., Yamputhin, cultivated land, open forest, h=1650–1800 m, 26.04–1.05.1988, leg. Martens J., Schawaller W. (1 spec.); Ilam Distr., Mai Pokhari, h=2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988, leg. Martens J., Schawaller W. (1 spec.); Dailekh Distr., N Dailekh, 1600 m, 1–2.06.1998, leg. Schawaller (10 spec.); Dailekh Distr., Dailekh to Mabuchin Pass, 2300 m, 3–4.06.1998, leg. Schawaller (1 spec.); Surkhet Distr., h=1600–2000 m, 28.05.1998, leg. Schawaller (3 spec.). **Panchthar Distr.,** h=2300 m, 16–20.04.88, leg. Martens J., Schawaller W. (1 spec.); **Ilam Distr.,** h=2100–2200 m, 9–10.04.1988, leg. Martens J., Schawaller W. (1 spec.); **Dailekh Distr.,** h=1600 m, 1–2.06.1998, leg. Schawaller W. (3 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Sikkim; Nepal. — Can be found in China.

Cryptophagus atratus Champion, 1922

MATERIAL. **China:** S Sichuan, S Xichang, Mt. Luoji, h=2300–2500 m, 16–24.07.1996, leg. Kurbatov S. (1 spec.); **India:** Himachal Pradesh, Simla, Kufri, 16.07.1989, leg. Riedel A. (6 spec.) [Lyubarsky, 1997a]; Kumaon, W. Almora, 05.1918; Garhwal, Dudhatoli, h=3000 m, 06.1920; Uttar Pradesh, Sunderdhunga, Upper Gumti Valley, h=3000–4000 m, 04.1919 (1 spec.); **Nepal:** Panchthar Distr., Paniporua, 2300 m, mixed broadleaved forest, 16–20.IV.1988, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Himachal Pradesh, Uttar Pradesh; Nepal. — New to **China:** Sichuan.

Cryptophagus auropubens Grouvelle, 1916

MATERIAL. **Nepal:** Ilam Distr., Mai Pokhari, h=2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Himachal Pradesh, Sikkim; Nepal. — Can be found in China.

Cryptophagus aurovestitus Bruce, 1944

MATERIAL. **India:** Uttar Pradesh, Badrinath, h=3200–3600 m, 1.08.1989, leg. A. Riedel (1 spec.) [Lyubarsky, 1997a]; **Nepal:** Myagdi Distr., Myagdi Khola N Dobang, h=2800–3100 m, 22–24.05.1995, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Uttar Pradesh; Nepal; Myanmar. — Can be found in China.

Cryptophagus bactrianus Solsky, 1876

MATERIAL. **Turkmenistan:** 100 km N Ashgabat, Bahardon, 10–16.04.1985, leg. Tilli A., Nikulin V. (1 spec.); Amu-Darya river, Narghyz Island, 100 km below Chardzhou, riparian, 25.04.1983, leg. Alekseev S.K. (1 spec.); Tedzhen, 17–24.04.1985, leg. Tilli A., Nikulin V. (1 spec.).

DISTRIBUTION. Central Asia: Kazakhstan, Turkmenistan, Uzbekistan. — Can be found in China.

Cryptophagus badius Sturm, 1845

DISTRIBUTION. W Palaearctic. — China: grain-storage [Yan et al., 2010].

Cryptophagus bidentatus Maklin, 1853

MATERIAL. **Russia:** Far East, Khabarovsk region, Vechnebureinsky area, h=900 m, 08.2008, leg. Ryvkin A.B. (1 spec.); Khabarovsk region, Vechnebureinsky area, 08.2010, leg. Ryvkin A.B. (2 spec.); Khabarovsk region, Vechnebureinsky area, 09.2010, leg. Ryvkin A.B. (19 spec.); Khabarovsk region, Vechnebureinsky area, Bureinsky reserve, h=650 m, 06.07.2011, leg. Ryvkin A.B. (2 spec.); Khabarovsk region, Vechnebureinsky area, Bureinsky reserve, h=650 m, 25.06.2011, leg. Ryvkin A.B. (1 spec.); Khabarovsk region, Vechnebureinsky area, Bureya river, h=528 m, 07.2011, leg. Ryvkin A.B. (2 spec.); Chernigovskiy region, Gribnoe, in dead honeybees, 20.04.2000, leg. Kuznetsov V. (2 spec.).

DISTRIBUTION. N Palaearctic, Nearctic. — Russian Far East; can be found in China.

Cryptophagus bruckii Reitter, 1875

MATERIAL. **China:** *Manchuria*, Iman'po [Yimianpo], 9.07.1911, leg. Emeljanov (1 spec.); **Turkmenistan:** Ashgabat, 8.06.1898, leg. Angus K.O (1 spec.); 100 km N Kushka, desert sand, 11.04.1993, leg. Kurbatov S.A. (1 spec.); **Russia:** Far East: Chernigovka, 20.06.1912, leg. Emeljanov (1 spec.).

DISTRIBUTION. S Europe, Caucasus, W Asia, C Asia, Far East. — New to **China:** Heilongjiang; Turkmenistan; Russian Far East.

Cryptophagus castanescens Grouvelle, 1916

MATERIAL. **China:** Anhui: S Anhui, Mt. Jiuhua, h=700–1200 m, 16–19.05.1998, leg. Kurbatov S.A. (40 spec.); **India:** Himachal Pradesh, Simla, Kufri, 16.07.1989, leg. Riedel A. (6 spec.) [Lyubarsky, 1997a]; **Nepal:** Mustang Distr., right bank of Lethe Khola near Lethe, 2400 m, 5–7.V.1995, leg. Martens J., Schawaller W. (1 spec.); S Lethe, 2450–2600 m, 30.IV–1.V.1980, leg. Martens J., & Ausobsky (1 spec.); Kaski Distr., above Pothana, 2000 m, 27–29.IV.1995, leg. Martens J., Schawaller W. (5 spec.); Kaski Distr., above Dhumus, 2100 m, *Sarauja* forest, 8–10.V.1980, leg. Martens J., & Ausobsky (1 spec.); Gorkha Distr., Chuling Khola, *Quercus semecarpifolia* forest, 2800 m, 2–3.VIII.1983, leg. Martens J., Schawaller W. (1 spec.); Panchthar Distr., Paniporua, mixed broadleaved forest, 2300 m, 16–20.IV.1988, leg. Martens J., Schawaller W. (3 spec.); Panchthar Distr., Dhorpar Kharka, mature *Rhododendron-Lithocarpus* forest, 2700 m, 13–16.IV.1988, leg. Martens J., Schawaller W. (1 spec.); Lalitpur Distr., Phulchoki Mt., 1800–2000 m, 25.IV.1995, leg. Martens J., Schawaller W. (1 spec.); Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000m, *Quercus* forest, bushes near village, 18–20.VI.1988, leg. Martens J., Schawaller W. (1 spec.); Taplejung Distr., Yamputhin, cultivated land, open forest, 1800 m, 26.IV–1.V.1988, leg. Martens J., Schawaller W. (1 spec.); Taplejung Distr., SE Yamputhin to Yamputhin, 1650–2000 m, forest mainly *Alnus*, 26–30.IV.1988, leg. Martens J., Schawaller W. (1 spec.); Taplejung Distr., Hellok in Tamur Valley, 2000 m, forest remains, bushes, 17.V.1988, leg. Martens J., Schawaller W. (1 spec.); Taplejung Distr., Omje Kharka NW Yamputhin, mature mixed broadleaved forest, 2300–2500 m, 1–6.V.1988, leg. Martens J., Schawaller W. (1 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.IV.1988, leg. Martens J., Schawaller W. (5 spec.); Ilam Distr., Gitang Khola Valley, *Alnus* forest along river, 1750 m, 11–13.IV.1988, leg. Martens J.,

Schawaller W. (4 spec.); Solukhumbu Distr., below Pangum, 2500 m, 14–15.V.1997, leg. Schawaller W. (1 spec.); Solukhumbu Distr., Goyom above Sete, 3100 m, 10.V.1997, leg. Schawaller W. (1 spec.); Dailekh Distr., Dailekh to Mabuchin Pass, 2300 m, 2–4.VI.1998, leg. Schawaller W. (5 spec.); Dailekh Distr., N Dailekh, 1600 m, 1–2.VI.1998, leg. Schawaller W. (1 spec.); Surkhet Distr., N Surkhet, 1600–2000 m, 28.V.1998, leg. Schawaller W. (2 spec.) [Lyubarsky, 1999]; **Myanmar**: prov. Shan Namhsan, h=1600 m, 18–20.II.1996, leg. Kurbatov S.A. (1 spec.)

DISTRIBUTION. SE Palaearctic, Oriental Region. — China: Anhui, Fujian, Zhejiang; India: Himachal Pradesh, Sikkim, Uttar Pradesh; Nepal; new to **Myanmar**.

Cryptophagus cellaris Scopoli, 1763

MATERIAL. **China**: Inner Mongolia, Uangab, leg. Zhang Sheng-fang (13 spec.); Inner Mongolia (2 spec.) [Lyubarsky, 1995]; grain-storage [Yan et al., 2010]; **Nepal** (Otero, 2001); **Kazakhstan**: Tian-Shan, Aksutal; Kyzylorda (Perovsk), 25.05.1905, leg. Sumakov (1 spec.); **Turkmenistan**: Amu-Darya river, Narghyz Island, 100 km below Chardzhou, riparian, 25.04.1983, leg. Alekseev S.K. (1 spec.); **Uzbekistan**: Tashkent, 20.05.1947, coll. Fursov N. (1 spec.); Guliston (Golodnaya Step, Mirzachul), 14.10.1939, coll. Fursov N. (1 spec.); **Russia**: Primorye, Vladivostok, 2.03.1979, leg. Krivolutsкая G.O. (1 spec.); same data, 10–12.1978, leg. Krivolutsкая G.O. (6 spec.); Ussurisk area, Kamenushka, 27.05.1984, leg. Nikitsky N.B. (1 spec.); Primorye, Lasovsky reserve, 20.04.1996, leg. Sundukov Yu. (1 spec.); Kedrovaya Pad, 16.06, leg. Kireichuk (1 spec.); **N Korea**: Chagang Province (1 spec.) [Lyubarsky, 1991].

DISTRIBUTION. Cosmopolitan. — New to **China**: Inner Mongolia; India; Nepal; Kazakhstan; Turkmenistan; Uzbekistan; Russian Far East; Japan; N Korea.

Cryptophagus clavator Champion, 1924

MATERIAL. **India**: Himachal Pradesh, Simla, Kufri, 16.VII.1989, leg. A. Riedel (1 spec.) [Lyubarsky, 1997a].

DISTRIBUTION. India: Himachal Pradesh, Uttar Pradesh. — Can be found in China.

Cryptophagus confusus Bruce, 1934

MATERIAL. **Uzbekistan**: Tashkent, 20.05.1947, coll. Fursov N. (1 spec.); **Russia**: Far East, Ussuryisk area, Kamenushka, 07.1982, leg. Nikitsky N.B. (1 spec.); Kamenushka, 07.1980, leg. Belov V.V., Nikitsky N.B. (1 spec.); Lazo, 08.2005, leg. Shochrin V. (2 spec.); Ussuryisk reserve, 10.07.1987, leg. Kurbatov S.A. (1 spec.); Amur region, Dichun near Radde, 10.08.1978, leg. Kurbatov S.A. (1 spec.)

DISTRIBUTION. Europe, Caucasus, C Asia, Far East. — Uzbekistan; Russian Far East; can be found in China.

Cryptophagus corticinus Thomson, 1863

MATERIAL. **Russia**: Far East, Kedrovaya Pad reserve, 20.07.1987, leg. Kurbatov S.A. (1 spec.); Amur region, Norsky reserve, 08.2004, leg. Ryvkin A.B. (2 spec.); Khabarovsk region, Verchnebureinsky area, Ust-Urgal, 26.08.1009, leg. Ryvkin A.B. (1 spec.); Khabarovsk region, Suntar-Khayata, h=2200 m, 7–8.2002 (1 spec.); Ussuryisk area, Kamenushka, 29.05.1984, leg. Nikitsky N.B. (1 spec.)

DISTRIBUTION. Europe, Siberia, Nearctic. — Russian Far East; can be found in China.

Cryptophagus cristatus Lyubarsky, 2000

MATERIAL. **Russia**: Amur region, Dychun near Radde, 16–18.08.1978, Belov V.V., Kurbatov S.A. (10 spec.) [Lyubarsky, 2000].

DISTRIBUTION. Russian Far East. — Can be found in China.

Cryptophagus curtus Grouvelle, 1916

MATERIAL. **Nepal**: Kaski Distr., above Pothana, 2000 m, 27–29.IV.1995, leg. Martens J., Schawaller W. (1 spec.); Kaski Distr.,

above Dhumpus, *Sarauja* Forest, 2100m, 8–10.V.1980, leg. Martens J., Ausobsky (2 spec.); Gorkha Distr., Chuling Khola, 2800 m, *Quercus semecarpifolia* forest, 2–3.VIII.1983, leg. Martens J., Schawaller W. (1 spec.); Panchthar Distr., Paniporua, 2300 m, mixed broadleaved forest, 16–20.IV.1988, leg. Martens J., Schawaller W. (13 spec.); Kathmandu Valley, Sheopuri Mts., *Quercus semecarpifolia* forest, 2100–2300 m, 25.VI.1988, leg. Martens J., Schawaller W. (1 spec.); Parbat Distr., Chitre, 2400 m, 4.V.1980, leg. Martens J., Schawaller W. (1 spec.); Parbat Distr., between Chitre and Ghandrung, 2500–2600 m, 6.V.1980, leg. Martens J., Ausobsky (1 spec.); Ramechap Distr., Mohabir Khola E Shivalaya, 2500–2600 m, 6–7.V.1997, leg. Schawaller W. (1 spec.); Solukhumbu Distr., Sanam 2700–2800 m, 22–23.V.1997, leg. Schawaller W. (2 spec.); Dailekh Distr., Dailekh to Mabuchin Pass, 2300 m, 3–4.VI.1998, leg. Schawaller W. (2 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Sikkim (Otero, 2001); Nepal; Oriental Region (NE Myanmar: Kambaiti). — Can be found in China.

Cryptophagus daghestanicus Lyubarsky, 2000

MATERIAL. **Caucasus**: Daghestan, Karabudakhkent env., Karabudakhkentskaya Cave, 2–4.2001, leg. E.V. Iljina (9 spec.); **Kazakhstan**: Almaty area, Uigursky distr., 5 km SE Kyrgyzsai (=Podgornoe), Ketmen Mts., 1500–1900 m, *Picea*, *Betula*, *Populus* forest, 1–2.06.2001, leg. Golovatch S. (7 spec.)

DISTRIBUTION. Caucasus. — Can be found in China; new to **Kazakhstan**.

Cryptophagus decoratus Reitter, 1874

MATERIAL. **China**: E. Hubei, Shennongjia Nat. Res., env. Macheng, Longsheng, h = 500 m, litter, 29.V.1995, leg. S. Kurbatov (2 spec.) [Lyubarsky, 1997b]; China: Shaanxi, Xian, Mt. Huashan, 100 km E Sian, h=500–1700 m, 8–11.05.1994, leg. Kurbatov S.A. (20 spec.); Sichuan, Emei Mt., litter under stones, h=1400–1800 m, 21–28.09.1994, leg. Kurbatov S.A. (2 spec.); Sichuan, pass N Jiulong, h=465–3740 m, 22–24.07.2009, leg. Belousov I., Meissonnier G. (1 spec.); [Lyubarsky, 1995]; **Russia**: Primorye, Khasansky area, Kedrovaya Pad reserve, 22–26.07.1987, leg. Kurbatov S.A. (5 spec.); Khasansky area, Ryazanovka, 22.08.1988, leg. Kurbatov S.A. (6 spec.) [Lyubarsky, 1994].

DISTRIBUTION. China: Fujian, Guizhou, Hongkong, Hubei, Jiangsu, Shanxi, Sichuan, Taiwan, Yunnan, Zhejiang; Japan; Russian Far East.

Cryptophagus dentatus Herbst, 1793

MATERIAL. **China**: grain-storage [Yan et al., 2010]; **Uzbekistan**: Tashkent, the Persian walnut, 22.05.1917, leg. Lindholm W. (1 spec.); **Russia**: Kamchatka; Magadan region, Dukcha river, litter, 11.08.1974, leg. Matis E. (1 spec.)

DISTRIBUTION. Palaearctic, Nearctic. — China; Uzbekistan; Russian Far East.

Cryptophagus denticulatus Heer, 1841

MATERIAL. **Kyrgyzstan**: Thalass-Tal, 15.06.1907, leg. Fischer E. (1 spec.); **Russia**: Primorye, Vladivostok, leg. Lafer G. (1 spec.); the same data, 2.03.1979, leg. Krivolutsкая G.O. (1 spec.); Sakhalin, leg. Tamanuki (1 spec.); Ussuri river basin, Zvenjevaya, S Bikin, 19.08.1958, leg. Kabakov O.N. (1 spec.); Spasskyi region, Voskresenka, 15.08.1971, 1 spec.; near Vladivostok, 05.1976, leg. Azarova (1 spec.)

DISTRIBUTION. Palaearctic, Afrotropical, Australian, Nearctic Region. — New to **Kyrgyzstan**; Uzbekistan; Russian Far East; can be found in China.

Cryptophagus desertus Lyubarsky, 1989

MATERIAL. **China**: NW Tibet, Xizang, Ala Shan desert, 10.1901, leg. Kozlov P.K., Kaznakov A.N. (1 spec.); **Kazakhstan**: Atyrau Province, Emba river [Lyubarsky, 1989]; **Mongolia**: South-Gobi aimak, river Dundgol, 20–21.08.1969, leg. Kerzhner I. (1 spec.); South-Gobi aimak, 20 km W Barun Bugatyn Khuduk, 25–27.8.1969,

leg. Arnoldi K. (1 spec.); 20 km from Ekhiin-Gol, 17.8.1981, leg. Yanushev V. (1 spec.).

DISTRIBUTION. China: Xizang; Kazakhstan; Mongolia.

Cryptophagus dilutus Reitter, 1874

MATERIAL. **China:** Shaanxi, Huaqing, near Xian, 13.04.1982, leg. Wittmer W. (6 spec.); Shaanxi, Xian, Mt. Huashan, h=500–1700 m, 8–11.05.1994, leg. Kurbatov S.A. (2 spec.); Guangxi Zhuang Autonomous Region, Guilin, 7.04.1982, leg. Wittmer W. (1 spec.) [Lyubarsky, 1995]; Yman'po, 9.07.1911, leg. Emeljanov (1 spec.); **Kazakhstan:** Chimkent, 29.10.1935, leg. Romashov D. (1 spec.); **Turkmenistan:** Chandyr river, Sumbar inflow, 26.04.1993, leg. Myatleuski Ya. (1 spec.); Murgab; 40 km S Kara-Kala, S slope Monzhukly Ridge, h=700 m, 15–19.04.1993, leg. Kurbatov S.A. (1 spec.); Kara-Kala, Ai-dere, 19–26.06.1986, leg. Lobanov A. (1 spec.); Kugitang ridge, Darai-dere, 29.04.1984, leg. Yanushev V. (1 spec.); Firyuza, blachberry, 25.10.1978; Firyuza, 11.04.1991, leg. Krasnobaev Yu. (1 spec.); Kara-kala, Parchai, 16.04.1992, leg. Gratshev V.G. (1 spec.); Ashgabat, 9–13.04.1984, leg. Michechev (2 spec.); Karakum, Repetek, S Chardzhou, 23.12.1982, leg. Krivokhatsky (1 spec.); Dushak near Tedjen, 24.04.1979, leg. Belov V.V. (1 spec.); Badkhyz, 11.04.1993, leg. Ovtsharenko S. (1 spec.); Keikodona gorge, 14.05.1968, leg. Tikhomirova A. (1 spec.); **Uzbekistan:** Tashkent, 3.11.1919, leg. Ivanov I. (1 spec.); Ferghana, 13.05.1920, leg. Ivanov I. (1 spec.); NW Tian-Shan, Pskem Mt., Aksar-say, 17.04.1995, leg. Dovgailo K. (1 spec.); Karatau, Aktau, Sarmish-say, h=1200 m, 4.05.1994, leg. Dovgailo K. (1 spec.); the same data, h=7000 m, 2.05.1994; Samarkand, 5.01.1940, coll. Fursov N.; the same data, 10.05.1942; Aktas near Tashkent, 9.05.1980, leg. Hradil J. (1 spec.); Surkhandaryinsky region, Babatagh Range, 10.04.1989, leg. Gorbатовsky (2 spec.); **Kyrgyzstan:** Talass-Thal, 15.06.1907, leg. Fischer E. (2 spec.); Issyk-Kul, Tchon-Urjukty, 22.06.1993, leg. Milko D. (1 spec.); **Tajikistan:** Dushanbe, 18.04.1932, coll. Fursov N. (1 spec.); Kurgan-Tube region, Gasimalik ridge, Ganzhina, h=1500 m, 18.04.1991, leg. Gratshev V.G. (1 spec.); 20 km NW Panj Mt., h=400 m, 27.04.1991, leg. Gratshev V.G. (1 spec.); Kok-Tau Ridge, on Ferula flowers, 16.04.1962, coll. Bogachev (2 spec.); Obi-Kyyk, near Dushanbe, 6.06, coll. Bogachev (1 spec.); Astana, Panj Karatau Ridge, h=1000–1500 m, 18.04.1991, leg. Gratshev V.G. (3 spec.); Dushanbe, 23.06.1968, leg. Filippov N. (1 spec.); **Mongolia:** Central aimak; **Russia:** Far East: Lasovsky reserve, 06.1996, leg. Sundukov Yu. (10 spec.); Ussuryisk area, Kamenushka, 29.05.1984, leg. Nikitsky N.B. (1 spec.); near Chernigovka, 20.06.1912, leg. Emeljanov (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — China: Guangxi, Heilongjiang, Inner Mongolia, Shaanxi, Yunnan; Nepal; Kazakhstan; Turkmenistan; Uzbekistan; Kyrgyzstan; Tajikistan; Mongolia; Russian Far East; Japan; N. Korea.

Cryptophagus distinguendus Sturm, 1845

MATERIAL. **China:** grain-storage [Yan et al., 2010]; **Kazakhstan:** Balchash region, tract Tasypyke, nest of *Rhombomys opimus*, depth=100 sm, 15.10.1961, leg. Hausstein (1 spec.); **Turkmenistan:** Turkmenbashi (Krasnovodsk) (1 spec.); **Kyrgyzstan:** Issyk-Kul region, Pokrovka, nest of *Spermophilus relictus*, 16.03.1942, leg. Rall Yi. (1 spec.); **Russia:** Tuva, Mongun-Taiginsky area, Shara-Kharagai, 08.1977, nest of Pallas's Pika (*Ochotona pallasii*), leg. Suntsova N. (5 spec.); same data, 5–6.1978, nest of Pallas's Pika (*Ochotona pallasii*), leg. Suntsova N. (3 spec.); same data, 08.1978, nest of Pallas's Pika (*Ochotona pallasii*), leg. Suntsova N. (1 spec.); Primorye, Vladivostok, 08.1980, leg. Krivolutskaya G.O. (1 spec.); Zeya reserve, 27.06.1978, leg. Kurbatov S.A. (1 spec.); Vladivostok, 08.1980, leg. Krivolutskaya G.O. (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic, Afrotropic Region. — China; Kazakhstan; new to Turkmenistan; Kyrgyzstan; Russian Far East.

Cryptophagus dorsaliformis Reitter, 1897

MATERIAL. **China:** Inner Mongolia, Chifeng, leg. Zhang Shengfang (1 spec.) [Lyubarsky, 1995]; **Russia:** Kamchatka, Esso,

08.1990, leg. Saluk S. (1 spec.); Magadan region, near Talaya, 11.06.1974, leg. Matis E. (1 spec.); Tuva, floodplain Barlyk river, nest of Grey Wagtail *Motacilla cinerea*, 08., leg. Melnikova (1 spec.); Tuva, floodplain Terektuz-Khem river, nest of pipits *Anthus*, 06., leg. Melnikova (1 spec.).

DISTRIBUTION. E Europe, C Asia, Siberia, Far East. — China: Inner Mongolia; Russian Far East.

Cryptophagus dzhungaricus Lyubarsky, 2000

MATERIAL. **China:** Tian-Shan Mts., Khalyktau redge, upp. Kuqa river, 3 km Dalonchi, h=2450 m, *Picea schrenkiana* litter, 9.06.2001, leg. Saluk S. (2 spec.); **Kazakhstan:** Dzhungarian Alatau, Sandyktas Mt., left source Mynteks river, canyon, deciduous-fir forest, litter & under stones, h= 2100 m, 11.08.1991, leg. Tishechkin A. (4 spec.).

DISTRIBUTION. New to China; Kazakhstan.

Cryptophagus eliae Otero, 2002

DISTRIBUTION. India: Uttar Pradesh; Nepal. — Can be found in China.

Cryptophagus fusciclavis Bruce, 1943

MATERIAL. **China:** Sichuan, Mt. Emey, litter under stones, h=1400–1800 m, 21–28.09.1994, leg. Kurbatov S.A. (1 spec.); Shaanxi, Xi'an, Mt. Huashan, 100 km E Sian, h=500–1700 m, 8–11.05.1994, leg. Kurbatov S.A. (3 spec.) [Lyubarsky, 1995]; Fujian, Kuatun, h=2300 m, leg. Klapperich J. (36 spec.); Hubei, Shennongjia Nat.Res., env. Macheng, Longsheng, h=500 m, litter, 29.05.1995, leg. Kurbatov S. (7 spec.).

DISTRIBUTION. China: Fujian, new to Hubei, Shaanxi, Sichuan, Zhejiang.

Cryptophagus hauseri Reitter, 1890

MATERIAL. **Kazakhstan:** Almaty, 14.06.1919, leg. Shnitnikov V. (1 spec.); near Almaty, Zaitsevskoe, 1907, leg. Nedzvetzkiy V. (1 spec.); Aulie-Ata, 10.1909, leg. Fisher E. (1 spec.); Chimkent, 10.1935, leg. Romashov D. (1 spec.); the same data, 18.11.1935; Kyzylorda Province, Yany-Kurgan, 12.05.1933, leg. Skopin N. (1 spec.); Sassyk-Kul, near Malovodnoe, leg. Nedzvetzkiy V. (1 spec.); Arys river, Vanovka, 15–16.06.1936, leg. Romashov D. (1 spec.); Almaty, 25.11.1909, leg. Bugrov (1 spec.); **Turkmenistan:** Lebap Province, Garabekewil District (Karabekaulsky), 25.04.1978, leg. Gussakova (1 spec.); 100 km SE Chardzhou, Lamba, 10–15.05.1978, leg. Kompantsev A.V. (1 spec.); Chardzhou, 13.05.1913, coll. Fursov N. (1 spec.); 20 km SE Balkanabat (Nebit Dagh), 30.04.1978, leg. Belov V.V. (1 spec.); Karagidzhak tract, detritus, 25.04.1978, leg. Belov V.V. (1 spec.); Repetek reserve, 22.01.1983, leg. Krivokhatsky (1 spec.); the same data, 23.02.1982; Bathyz, 17.04.1979, leg. Zlotin R.I. (1 spec.); Koytendagh Ridge, Darai-Dere, 29.04.1984, leg. Yanushev V. (1 spec.); Koytendagh Ridge, 30 km NE Gaurdak, 4.04.1983, leg. Nasreddinov (1 spec.); Badhyz, Kyzyl-Dzhar, 5.05.1970, leg. Atamuradov Kh.I. (1 spec.); the same data, 20.05.1979; **Uzbekistan:** Ferghana, Osh, 03.1903, leg. Arres (1 spec.); Tashkent, 22.03.1919, coll. Ivanov I. (1 spec.); Tashkent, 03.1906, leg. Fischer E. (1 spec.); Samarkand, 5.04.1904, coll. Fursov N. (1 spec.); Andizhan, 1903, leg. Arres (1 spec.); Kyzylorda (Perovsk), 23.05.1905, leg. Sumakov (1 spec.); **Kyrgyzstan:** Gulbahor, near Tashkent, 9–15.10.1984, leg. Kurbatov S.A. (2 spec.); Ishkent, 21.04.1942, leg. Arnoldi K.V. (1 spec.); Thalass Thal, 06.1908, leg. Fischer E. (2 spec.); Bishkek (Frunze), 10.02.1978, leg. Protsenko A.I. (1 spec.); Ferghana Ridge, Kara-Alma, 26.05.1976, leg. Yanushev V. (1 spec.); Sary-Chelek, 9.05.1965, leg. Mamaev B.M. (1 spec.); Bishkek (Frunze), 12.06.1930, leg. Dementiev (1 spec.); Ferghana, Skobelev city, 4.05.1919, leg. Archangelsky (1 spec.); **Tajikistan:** Dushanbe, 6.09.1959, coll. Bogachev A. (1 spec.); bottom Vakhsh river, Tigrovaya Balka, 3.03.1978, leg. Danilevsky M.L., (2 spec.); the same data, 8.05.1978, the same data, 11.03.1978, the same data, 1.04.1978, the same data, 4.03.1978, bottom Vakhsh river, Tigrovaya Balka, 30.03.1988, leg. Kompantsev A.V. (1 spec.), the same data, 20.03.1986, the same data, 10.04.1986, the same data, 12.04.1985, the same data, 5–

23.04.1986; Zarafshan, Serbent, 1892, leg. Glasunov (1 spec.); **Russian Far East**: Kuril Islands, Kunasiri, 15 km near Mendeleevo, 25.06.1985, leg. Nikitsky N.B. (1 spec.).

DISTRIBUTION. Europe, Caucasus, C Asia, Far East. — China: Xinjiang; Kazakhstan; Turkmenistan; Uzbekistan; Kyrgyzstan; Tajikistan; new to **Russian Far East**.

Cryptophagus hexagonalis Tournier, 1872

MATERIAL. **China**: Inner Mongolia, Chifeng, leg. Zhang Shengfang (1 spec.); Inner Mongolia, Bolshoi Hingan, Chjалан-Tun, 1905, leg. Lakshevitz (1 spec.); Inner Mongolia, Greater Khingan Ridge, Zhalantun, 1905, leg. Lakshevitz (1 spec.); **Turkmenistan**: Sumbar, 1894, coll. Sivers G. (1 spec.); Dushak (1 spec.); **Russia**: E Siberia: Irkutsk region, Malta, 18.06.1907, leg. Smirnov D. (1 spec.); Far East, Ussurijsky area, Kamenushka, 12–13.06.1984, leg. Nikitsky N.B. (2 spec.); Lazovsky reserve, Sokolovskaya, 3.06.2007, leg. Sundukov Yu. (1 spec.).

DISTRIBUTION. Europe, Caucasus, C Asia, Siberia, Far East. — China: Inner Mongolia; Kazakhstan; Turkmenistan; Russian Far East.

Cryptophagus himalaicus Bruce, 1952

MATERIAL. **India**: Himachal Pradesh, Simla, Kufri, 16.07.1989, leg. Riedel A. (7 spec.) [Lyubarsky, 1997a]; Uttar Pradesh; Chakrata, Tahsil, 05.1943, leg. Glennie A. (1 spec.); **Nepal**: Dolakha Distr., SW Kalinchok Mt., h=3100 m, 19–23.04.19–23.04.1995, leg. Martens J., Schawaller W. (5 spec.); Mustang Distr., Purano Marpha, 3200 m, 9–11.V.1995, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Himachal Pradesh, Uttar Pradesh; Nepal. — Can be found in China.

Cryptophagus honoratus Lyubarsky, 1999

MATERIAL. **Nepal**: Manang Distr. Marsyandi, 2200 m, above Bagarchap, *Acer-Quercus* forest, 12–13.IV.1980, leg. Martens J., Ausobsky (1 spec.); Ilam Distr., Mai Pokhari, Gitang Khola Valley, 2500–2600 m, 28–31.III.1980, leg. Martens J., Ausobsky (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Uttar Pradesh [Otero, 2001]; Nepal. — Can be found in China.

Cryptophagus humeridens Bruce, 1943

MATERIAL. **China**: Fujian, Kuatun, 6.04., leg. Klapperich J. (3 spec.).

DISTRIBUTION. China: Fujian.

Cryptophagus infuscus (Grouvelle, 1916)

WIDER DISTRIBUTION. India: Sikkim. — Can be found in China.

Cryptophagus insulicola Roubal, 1919

MATERIAL. **Kazakhstan**: Syr Daria, Aulie Ata, coll. Fursov N. (1 spec.); Dzhungarian Alatau, S slope Tastau Ridge, 09.08.1991, leg. Tishechkin A.K. (1 spec.); Kyzylorda (Perovsk), 23.05.1905, leg. Sumakov (1 spec.); **Tajikistan**: Hissar ridge, Ramit, 26.04.1931, coll. Fursov N. (1 spec.); Hissar ridge, gorge Dzhurvoz, 20.04.1931, coll. Fursov N. (1 spec.); bottom Vakhsh river, Tigrovaya Balka, 1.04.1978, leg. Danilevsky M.L. (1 spec.); Fann Mountains, Marguzor lake, h=2500 m, 20–29.04.1992, leg. Alekseev S.K. (1 spec.); **Turkmenistan**: Ashgabat; **Uzbekistan**: Almazar (Vrevskaya), 5.05.1935, coll. Fursov N. (1 spec.); Ferghana; Samarkand, 29.04.1939, coll. Fursov N. (1 spec.); the same data, 10.11.1940 (1 spec.).

DISTRIBUTION. Europe, C Asia. — New to **Kazakhstan**; Tajikistan; Turkmenistan; Uzbekistan; can be found in China.

Cryptophagus jakowlewi Reitter, 1888

MATERIAL. **China**: Inner Mongolia, leg. Zhang Shengfang (8 spec.); Inner Mongolia, Chifeng, leg. Zhang Shengfang (2 spec.)

[Lyubarsky, 1995]; **Kazakhstan**: Dzhungarian Alatau, W slope Tastau Ridge, left bank of Kokmoin river, Jumak Mt., spruce, litter, h=1800 m, 6.08.1991, leg. Tishechkin A.K. (1 spec.); the same data, 11.08.1991; **Kyrgyzstan**: Alai, Chat, floodplain Koku river, 7.10.1975, leg. Kumushaliev B. (1 spec.); Issyk-Kul, Karakol (Przhevalsk), 17.05.1990 (2 spec.); Kegsty river, h=2350 m, 30.07.1993, leg. Saluk S. (1 spec.); **Uzbekistan**: Sizhak, from mushroom, 15.05.1961, leg. Zhantyev R.D. (1 spec.); **Mongolia**: South-Gobi aimak, Gurvan-Saikhan Mts., 30 km ENE Bayan-Dalay, 27–28.08.1969, leg. Kerzhner I.M. (6 spec.); **Russia**: Tuva, Mugur-Aksy, nest of *Alticola platycranus*, 6–8.1972, leg. Korotyayev B. (8 spec.); same data, 10.08.1972, nest of *Ochotona pricei*, leg. Korotyayev B. (1 spec.); Tuva, Mongun-Taiginsky area, Khindikhtikh lake, nest of Flat-headed Vole *Alticola strelzovi*, 09.1984, leg. Verzhutsky D.B. (2 spec.); same data, Shara-Kharagay, nest of Pallas's pika *Ochotona pricei*, 15.08.1978, leg. Suntsova N. (12 spec.); same data, 14.06.1977, leg. Suntsova N. (1 spec.); same data, 07.1978, leg. Suntsova N. (17 spec.); same data, 06.06.1978, leg. Suntsova N. (1 spec.); Primorye, Zeya reserve, 6–7.1978, leg. Belov V.V., Kurbatov S.A. (5 spec.); Lazovsky reserve, 20.04.1996, leg. Sundukov Yu. (1 spec.); Zeya, Amur area, 6–7.1978, leg. Belov V.V., Kurbatov S.A. (2 spec.); Amur region, Selemjinsky area, Selemja river, 27.08.2006, leg. Ryvkin A.B. (2 spec.); Yam-Alin Ridge, springhead Selemja river, 10.08.1979, leg. Kabakov O.N. (1 spec.); Khabarovsk region, Amgun river basin, Badzhap river, nest of Pallas's pika *Ochotona pricei*, h=1000 m, 1.09.1986, leg. Kabakov O.N. (1 spec.).

DISTRIBUTION. Europe, C Asia, Siberia, Far East, Nearctic. — China: Inner Mongolia; Kazakhstan; Kyrgyzstan; Uzbekistan; Mongolia; Russian Far East.

Cryptophagus johnsoni Sengupta, 1980

MATERIAL. **India**: Uttar Pradesh, Dehra-Dun, 30.12.1989, leg. Kompantzev A.V. (6 spec.); same data, 26.12.1989, leg. Kompantzev A.V. (2 spec.); same data, 28.12.1989, leg. Kompantzev A.V. (1 spec.) [Lyubarsky, 1997a]; Tamil Nadu: Trichinopoly (=Old Madras) (1 spec.).

DISTRIBUTION. India: Sikkim, Uttar Pradesh, West Bengal, new to **Tamil Nadu**; Nepal. — Can be found in China.

Cryptophagus klapperichi Bruce, 1943

MATERIAL. **China**: Shaanxi, Xian, Mt. Huaschan, 100 km E Sian, 8–11.05.1994, leg. Kurbatov S.A. (5 spec.) [Lyubarsky, 1995]; Fujian, Kuatun, 8.04.1938, leg. Klapperich J. (1 spec.).

DISTRIBUTION. China: Shaanxi, Fujian, Zhejiang.

Cryptophagus labilis Erichson, 1846

MATERIAL. **Russia**: Far East, Ussurijsky area, Kamenushka, 18.06.1984, leg. Nikitsky N.B. (1 spec.); Spassk-Dalniy, Markush-evka, 17.06.1990, leg. Kurbatov S.A. (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Europe, E Siberia. — Can be found in China.

Cryptophagus latangulus Reitter, 1889

MATERIAL. **Russia**: Far East, Kunasiri, 20–28.07.2011, leg. Kurbatov S.A. (1 spec.); Primorye, 60 km W Partisansk, near Anisimovka, 27.07.1988, leg. Kurbatov S. (1 spec.); Ussurijsk reserve, 6.07.1982, leg. Nikitsky N.B. (1 spec.); Dichun, near Radde, Amur river, 13.08.1977, leg. Murzin S. (1 spec.); Lazovsky reserve, 16–18.06.2005, leg. Sundukov Yu., Shokhrin V. (1 spec.); Kunasiri, Tretjakovo, 17–20/07.1990, leg. Kurbatov S. (1 spec.); Kunasiri, Mendeleevo, 16.07.1985, leg. Nikitsky N.B. (1 spec.); Primorye, Dalnegorsk, 19.07.1986, leg. Zherikhin V.V., Gratschev V.A. (1 spec.); Sakhalin, Dolinsky area, Firsovo-Starodubsk, 6–7.1972, leg. Zherikhin V.V.; Amurskiy region, Selemjinsk area, Selemja river, 28.06.2005, leg. Ryvkin A.B. (2 spec.); Ussuri river basin, Bikinsky area, Zvenjevaya, 19.07.1958, leg. Kabakov O.N. (1 spec.); **N Korea**: Ryanggang Province (5 spec.), Kangwon Province (1 spec.); North Pyongan Province (2 spec.) [Lyubarsky, 1991].

DISTRIBUTION. E Siberia, Far East, E Asia. — China: Taiwan; Russian Far East; Japan; N Korea.

Cryptophagus laticollis Lucas, 1846

MATERIAL. **China:** Sichuan, Xichang, h=1600 m, 26–28.07.1996, leg. Kurbatov S.A. (2 spec.); grain-storage [Yan et al., 2010]; S Anhui, Mt. Jiuhua, h=700–1200 m, 16–19.05.1998, leg. Kurbatov S.A. (1 spec.); **India:** Himachal Pradesh, Simla, Kufri, 16.VII.1989 leg. A. Riedel (3 spec.); Uttar Pradesh, Mussorie, rabbit-farm, 1300m, 10.VII.1989 leg. A. Riedel (1 spec.) [Lyubarsky, 1997a]; Kashmir, Tangmarg, Pir Panjal Mts., 2600 m, 21–25.V.1976, leg. Martens J., Schawaller W. (22 spec.) [Lyubarsky, 1999]; **Nepal:** Mustang Distr., Lupra, in *Apodemus wardi* nest, 29.09.1997, leg. O. Volz (2 spec.); Mustang Distr., Purano Marpha, 3200 m, 9–11.V.1995, leg. Martens J., Schawaller W. (1 spec.); Lalitpur Distr., Phulchoki Mt., 1800–2000 m, 25.IV.1995, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999]; **Kazakhstan:** Almaty area, Uigursky distr., 5 km SE Kyrgyzsai (=Podgornoe), Ketmen Mts., h=1900 m, *Picea*, *Betula*, *Populus* etc. forest, 1–2.06.2001, leg. Golowatch S.; **Turkmenistan:** Keykodon gorge, 14.05.1968, leg. Tichomirova A. (1 spec.); Sumbar river, 1894, coll. Sivers (1 spec.); Balkan Province, Kopet Dag ridge, Garrygala (Kara-Kala), Parkhai gorge, 7–15.05.1986, leg. Lobanov A. (15 spec.); Amu-Darya river, Farab Distr., Narghyz Island, 100 km S from Chardzhou, 12–27.06.1988, leg. Chernyachovskaya (3 spec.); **Uzbekistan:** Tashkent, 17.07.1915, leg. Ivanov I.I. (1 spec.); Tashkent, 2.05.1922, coll. Fursov N. (1 spec.); **Kyrgyzstan:** Issyk-Kul Province, Chong Kyzyl-Suu gorge (Pokrovka), Aylama valley, h=2950 m, 29.06.1988, leg. Yanushev (1 spec.); **Russia:** Far East, Amur region, Dichun near Radde, 16.08.1978, leg. Kurbatov S.A. (8 spec.); Ussurijsk reserve, 7.07.1982, leg. Nikitsky N.B. (1 spec.); **Myanmar:** E. Mansalay, env. Maymyo, h=700–900 m, 12–13.02.1996, leg. Kurbatov S.A. (1 spec.).

DISTRIBUTION. Palaearctic, Afrotropic, Nearctic, Oriental, Australian Region. — China: new to **Anhui**, new to **Sichuan**, Xinjiang; **India**; **Nepal**; new to **Kazakhstan**; **Turkmenistan**; **Uzbekistan**; **Kyrgyzstan**; **Russian Far East**; **Myanmar**.

Cryptophagus lomus Sengupta, 1980

DISTRIBUTION. India: Uttar Pradesh. — Can be found in China.

Cryptophagus monticola Grouvelle, 1916

DISTRIBUTION. India: Sikkim. — Can be found in China.

Cryptophagus nitidulus Miller, 1858

MATERIAL. **Kazakhstan:** Katonkaragay District, Lake Markakol, h=2400 m, 25.06.1986, leg. Shilenkov V. (1 spec.); Dzungarian Alatau, W Tastau Mountain, Mt. Zhumak, left bank of Kokmoin river, 15 km from source, fir-wood, litter&under stone, h=1800 m, 4.08.1991, leg. Tishechkin A. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Kazakhstan. — Can be found in China.

Cryptophagus obsoletus Reitter, 1879

MATERIAL. **China:** Inner Mongolia, Hulun Buir, leg. Zhang Shengfang (38 spec.); the same data, Chifeng, leg. Zhang Shengfang (60 spec.); the same data, Ihju, leg. Zhang Shengfang (40 spec.); the same data, Uangab, leg. Zhang Shengfang (122 spec.); the same data, Jiyem, leg. Zhang Shengfang (13 spec.); the same data, Hinggan, leg. Zhang Shengfang (134 spec.) [Lyubarsky, 1995]; **Russia:** Far East, Primorye, Vladivostok, 10–12.1978, leg. Krivolutzkaya G.O. (5 spec.); the same data, 2.03.1979, leg. Krivolutzkaya G.O. (1 spec.); the same data, 17.04.1912, leg. Berger (1 spec.); Lazovsky reserve, 20.04.1996, leg. Sundukov Yu. (3 spec.); Ussurijsk area, Kamenushka, 20–22.05.1984, leg. Nikitsky N.B. (2 spec.); the same data, 15.04.1984, leg. Nikitsky N.B. (1 spec.); the same data, 1–16.05.1990, leg. Nikitsky N.B. (2 spec.); the same data, 20.06.1979, leg. Mikhechev, Nikitsky N.B. (1 spec.); Amur region, Kedrovaya Pad reserve, 19.03.1977, leg. Berezantsev (1 spec.); Kuril Islands, Kunasiri, Mendelevo, 10.07.1977, leg. Kompantsev A. (1 spec.);

Sikhote-Alin Mt., 16.05.1929; Amur region, Zeya reserve, 13.07.1978, in the hay, leg. Belov V.V. (1 spec.); Amur region, Selemja river, 9.06.1983, leg. Cheresova (1 spec.); Amur region, Dichun near Radde, 13.07.1978, leg. Belov V.V., Kurbatov S.A. (1 spec.); **Japan:** Hokkaido, leg. Tamanuki (1 spec.).

DISTRIBUTION. N Europe, Siberia, Far East, Nearctic. — China: Inner Mongolia, Heilongjiang; Mongolia; Russian Far East; Japan.

Cryptophagus opacosericus Reitter, 1896

MATERIAL. **Kazakhstan:** Chimkent, 20.10.1935, leg. Romashov D. (1 spec.); **Turkmenistan:** Gyaursky reserve, 50 km E of Ashgabad, desert, 5.04.1984, leg. Yanushev (1 spec.); Badhyz, litter, 26.11.1979, leg. Atamuradov Kh.I. (1 spec.); the same data, 8.12.1979; **Uzbekistan:** Navoi Province, Tamzhin region, Bukantau range, Chingeldy tract, nest of ground squirrel *Citellus fulvus*, 04.1983 (1 spec.); NW Kyzylkum, Bukantau Range, Obykhan tract, 24.04.1983, leg. Blumer (1 spec.); **Kyrgyzstan:** Osh Province, nest of *Meriones libycus*, 18.01.1986, leg. Rybin S.N. (1 spec.); Thalass-Thal, 11.1907, coll. Fischer E. (5 spec.).

DISTRIBUTION. Caucasus, C Asia. — Kazakhstan; new to **Turkmenistan**; **Uzbekistan**; **Kyrgyzstan**; **Tajikistan**; can be found in China.

Cryptophagus pseudoschmidti Woodroffe, 1970

MATERIAL. **China:** Shaanxi, Xian, Mt. Huashan, 100 km E Sian, h=500–1700 m, 8–11.05.1994, leg. Kurbatov S. (1 spec.); Inner Mongolia, Hinggan, leg. Zhang Shengfang (1 spec.) [Lyubarsky, 1995]; **China:** grain-storage [Yan et al., 2010]; **Kazakhstan:** Dzungarian Gate, 21.05.1963, leg. Sokolov E. (1 spec.); **Mongolia:** 15 km NE Erdenetzagan, 07.1983, leg. Ulykpan K. (6 spec.); Tumentzoei, 7–8.1983, leg. Ulykpan K. (3 spec.); Arkhangai, Tevshrulekh, 3.09.1985, leg. Odbayar (4 spec.); Tengelenjijn-gol, Ondorhantol, 80 km E ny-ra Moron-goles a., 8–10.1979, leg. Peregi Z. (2 spec.); East-Gobi aimak, 50 km ENE Sain-Shend, 07., leg. Kerzhner I. (1 spec.); East-Gobi aimak, 60 km W Tamsan-Bulak, 07., leg. Kerzhner (1 spec.); Chonogol, 15 km O Erdenetzagan, 28.07.1983, leg. Ulykpan K. (1 spec.); East aimak, Bui-Nur lake, 17.07.1971, leg. Kerzhner I. (1 spec.); East aimak, 25 km N Buyan-Nur lake, 17.07., leg. Medvedev G.S. (1 spec.); Middle-Gobi aimak, 30 km N Delger-Zogt, 22.07.1967, leg. Kerzhner I. (1 spec.); Sükhbaatar aimak, 20 km E Barun-Urta, 14.07.1971, leg. Kerzhner I. (1 spec.); South-Gobi aimak, Tugrik-Us, 25.07.1972, leg. Kerzhner I. (1 spec.); **Russia:** Far East: Selemjinsky area, Norsky reserve, 4.07.2005, leg. Ryvkin A.B., Veselova E.M. (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. E Europe, Siberia, China. — China: Shaanxi, Inner Mongolia; new to **Kazakhstan**, Mongolia; Russian Far East.

Cryptophagus punctipennis

Brisout de Barneville, 1863

MATERIAL. **China:** Xinjiang, Boro-Khoro ridge, 12 km E Balguntai village, left tribute. Khusta riv., h=2600 m, nest of *Formica truncorum* Fabr., 7.07.2001, leg. Saluk S. (1 spec.); grain-storage [Yan et al., 2010]; **Kazakhstan:** Dzhanybek, 20–23.07.1984, leg. Mikhailov K. (1 spec.); **Turkmenistan:** KopetDagh, Ai-dere, reserve, 1978, leg. Fet V. (3 spec.); the same data, 19–26.05.1986, leg. Lobanov A. (9 spec.); Issyk-Kul, 7.06.1942, leg. Lyubischev A. (1 spec.); Keikodona canyon, 14.05.1968, leg. Tikhomirova A. (1 spec.); **Uzbekistan:** Ishkent, 20–23.04.1942, leg. Arnoldi (3 spec.); **Kyrgyzstan:** Karakol (Przhevalsk), 24.06.1920, coll. Ivanov I. (1 spec.); Bishkek, 5–25.05.1977, leg. Yanushev V. (2 spec.); Tup, step, litter, 3.07.1987, leg. Kurbatov S.A. (13 spec.); Osh region, Shiveyan, *Microtus* sp., 09.1987, leg. Rybin S.N. (1 spec.); Osh region, Gouyan, corpse of *Apodemus sylvaticus* L., 11.09.1987, leg. Rybin S.N. (1 spec.); **Mongolia:** South Gobi aimak, Gurban Soikhan, Mt, h=2320 m, 1.07.1977; **Russia:** Amur region, Selemjinsky area, Norsky reserve, Nora river, h=235 m, 12.09.2008, leg. Veselova E.M., Ryvkin A.B. (1 spec.); same data, Meunsky, h=260m, 21.09.2008, leg. Veselova E.M., Ryvkin A.B. (1 spec.); Amur region,

Masanovsky area, Zmeinaya Mt., 13.09.2008, leg. Veselova E.M., Ryvkin A.B. (1 spec.); Primorye, Vladivostok, 05.1976, leg. Yazarova (1 spec.); Vladivostok, 10–12.1978, leg. Krivolutska G.O. (1 spec.); **N Korea**: Ryanggang Province (1 spec.) [Lyubarsky, 1991].

DISTRIBUTION. Palaearctic, Nearctic, Australian Region. — New to **China**: Xinjiang; Kazakhstan; Turkmenistan; new to **Uzbekistan**; Kyrgyzstan; Mongolia; Russian Far East; Japan; **N Korea**.

Cryptophagus quadrihamatus Maklin, 1853

MATERIAL. **Mongolia**: Central aimak, Zaisan ridge, S slope Bogdo-Ul, 7–9.1969, leg. Gureva, Zaitsev (1 spec.); **Russia**: Far East, Zeya reserve, 06.1978, leg. Kurbatov S.A., Belov V.V. (10 spec.); Ussurijsk reserve, 20.07.1987, leg. Kurbatov S.A. (1 spec.); Kedrovaya pad, 07.1987, leg. Kurbatov S.A. (1 spec.); Ussurijsky area, Kamenushka, 07.1987, leg. Kurbatov S. (1 spec.); Kamchatka, Esso, 08.1990, leg. Saluk S. (10 spec.); Amur region, Selemjinsky area, Maltsev Mt., 06.2005, leg. Ryvkin A.B. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, 08.2004, leg. Ryvkin A.B. (2 spec.); Amur region, Masanovsky area, Nora river, Mt. Zmeinaya, 13.09.2008, leg. Ryvkin A.B. (1 spec.); Khabarovsk region, Sinka river, 30.09.1978, leg. Kabakov O.N. (1 spec.).

DISTRIBUTION. N Europe, C Asia, Siberia, Far East, Nearctic. — **Mongolia**; **Russian Far East**; can be found in **China**.

Cryptophagus quadrimaculatus Reitter, 1877

MATERIAL. **China**: Inner Mongolia, Hulun Buir, leg. Zhang Shengfang (8 spec.); Inner Mongolia, Uangab, leg. Zhang Shengfang (2 spec.); Inner Mongolia, leg. Zhang Shengfang (2 spec.); Inner Mongolia, Hinggan, leg. Zhang Shengfang (1 spec.) [Lyubarsky, 1995]; grain-storage [Yan et al., 2010]; **Kazakhstan**: Chimkent area, Aulie tract, 14.05.1974, leg. Yanushev V. (1 spec.); Balkhash District, Taspkye tract, nest of *Rhombomys opimus*, 10–19.10.1961, leg. Kunitzkyi (1 spec.); Raiymbek District, Ketmen ridge, Kegen pass, h=1500 m, 13.06.1990, leg. Komarov E. (12 spec.); S Balchash lake, Tazyanke tract, nest of *Rhombomys opimus*, 15.10.1961, leg. Kunitzkyi (1 spec.); Dzungarian Alatau, Sandyktos Mt., N slope, headwaters Mynteke river, litter, h=2100 m, 11.08.1991, leg. Tishechkin A. (1 spec.); Makanchi Distr., Tarbagatay Mts., Kyzylbulak river valley, 1100–1200 m, *Populus*, *Malus*, *Salix* forest, 22.06.2001, leg. Golovatch S. (3 spec.); Urjar Distr., Tarbagatay Mts., Karatuma, Sholakterek river valley, *Populus*, *Malus*, *Salix* forest with *Rosa*, *Lonicera*, *Amygdalus*, 23–24.06.2001, leg. Golovatch S. (1 spec.); **Turkmenistan**: S Chardzhou, Repetek, nest of *Rhombomys*, 9.02.1983, leg. Krivokhatskyi (12 spec.); Kara-Kala, 9.05.1986, leg. Lobanov A. (1 spec.); Badhyz, 8.12.1979, leg. Atamuradov Kh.I. (1 spec.); **Kyrgyzstan**: Kyrgyz Ala-Too, near Orlovka, 15.06.1992, leg. Ovchinnikov S. (1 spec.); Bishkek, 15.11; Talass-Thal, 11.1907, leg. Fischer E. (1 spec.); Osh Province, Tuyamun ridge, *Meriones libycus*, 10.10.1986, leg. Rybin S.N. (1 spec.); **Tajikistan**: Dushanbe (Stalinabad), 14.04.1931, coll. Fursov N. (1 spec.); Turkestan Range, Mal-Guzar Mt., Tugun-Bulak, 25.05.1919, coll. Ivanov I. (3 spec.); **Mongolia**: East-Gobi aimak, 50 km ENE of Sayn-Shand, 2.07.1971, leg. Kerzhner I.M. (3 spec.); Central aimak, Tuchmin-Nur lake, 7.07.1970, leg. Kerzhner I.M. (1 spec.); Sükhbaatar aimak, Ongon-Els desert, 15 km ESE Khongor, 5–6.12.1971, leg. Kerzhner I.M. (1 spec.); Sükhbaatar aimak, Shiljijn-Bogdo-Ul, 10.07.1971, leg. Kerzhner I.M. (1 spec.); East aimak, 15 km SW of Ich-Chulut-Ula, 15.07.1971, leg. Kerzhner I.M. (1 spec.); East-Gobi aimak, 25 km NNW of Huvsgael, 28.06.1971, leg. Kozlov (1 spec.); 70 km Eitan-Gol, 17.08.1981, leg. Yanushev V. (1 spec.); **Russia**: Amur river, Dychun near Radde, 7–8.1978, leg. Belov V.V. (16 spec.); Tuva, Mongun-Taiginsky area, Shara-Kharagai, 23.08.1977, nest of Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (1 spec.); same data, 8.09.1977, nest of Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (1 spec.); same data, 3.04.1978, leg. Sunstova N. (2 spec.); Mongun-Taiginsky area, Kyzyl-Kheren, 18.05.1978, nest of Flat-headed Vole (*Alticola strelzovi*) leg. Sunstova N. (1 spec.); Mongun-Taiginsky area, Shara-Kharagai, 05.1978, nest of Pallas's Pika (*Ochotona pallasi*), leg.

Sunstova N. (13 spec.); same data, 06.1978, nest of Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (22 spec.); Mongun-Taiginsky area, Shara-Kharagai, 08.1978, Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (3 spec.); Mongun-Taiginsky area, Shara-Kharagai, 09.1978, Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (1 spec.); same data, 13.10.1978, nest of Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (1 spec.); Mongun-Taiginsky area, Duvurenig-Ooi, 6.07.1978, nest of Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (2 spec.); same data, 18–19.09.1978, nest of Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (2 spec.); Mongun-Taiginsky area, Kara-Beldyr, 09.1978, nest of Pallas's Pika (*Ochotona pallasi*), leg. Sunstova N. (2 spec.); Mongun-Taiginsky area, Kara-Beldyr, 8.06.1978, nest of Long-tailed Ground Squirrel (*Spermophilus undulates*), leg. Sunstova N. (2 spec.); Amur region, Zeya reserve, 3–9.07.1978, leg. Kurbatov S.A. (1 spec.); Ussurijsk reserve, 20.07.1987, leg. Kurbatov S.A. (1 spec.); Voroshilovsk, 7–8.1956, leg. Nikulin (1 spec.).

DISTRIBUTION. Europe, Caucasus, C Asia, Siberia, Far East, Nearctic. — **China**: Inner Mongolia; Kazakhstan; Turkmenistan; Uzbekistan; Kyrgyzstan; Tajikistan; Mongolia; **Russian Far East**.

Cryptophagus quercinus Kraatz, 1852

MATERIAL. **Turkmenistan**: Kopet Dag, Aidere, meadows upper Sumbar river, 19–22.05.1986, leg. Lobanov A. (1 spec.); **Uzbekistan**: Karatau, Navoiy env., S Olovianka, 6.05.1994, leg. Dovgailov K. (1 spec.); **Kyrgyzstan**: Bishkek, 12.06.1930, leg. Dementiev, (1 spec.); **Russian Far East**: Kuril Islands, SW Kunasiri, 19.07.1989, leg. Kurbatov S. (1 spec.).

DISTRIBUTION. Europe, Caucasus, C Asia, **Russian Far East**. — Can be found in **China**; **Kazakhstan**; new to **Turkmenistan**, new to **Kyrgyzstan**; **Uzbekistan**;

Cryptophagus reboredae Otero, 2001

DISTRIBUTION. Oriental Region: N Thailand. — Can be found in **China**.

Cryptophagus reflexus Rey, 1889

MATERIAL. **Kyrgyzstan**: Osh region, Djidalik, nest of *Apodemus uralensis*, 14.10.1986, leg. Rybin S.N. (1 spec.); Karakol (Przhevalsk), cave, 11.04.1942, leg. Lyubitshev A.A. (1 spec.); **Turkmenistan**: Repetek, 23.12.1982, leg. Krivokhatsky (1 spec.); Badhyz, 7.03.1979, leg. Atamuradov Kh.I. (1 spec.); **Uzbekistan**: Tashkent, 10.1919, coll. Ivanov I.I. (2 spec.).

DISTRIBUTION. Palaearctic. — **China**: Inner Mongolia; Turkmenistan; Kyrgyzstan; Tajikistan; Mongolia; **Russian Far East**.

Cryptophagus rufomaculus Lyubarsky, 2000

MATERIAL. **Russia**: Primorye, Vladivostok, 9.05.1979, leg. Lafer G. (1 spec.); Ussurijsky reserve, 15.07.1987, leg. Kurbatov S.A. (1 spec.); Zeya reserve, 1.07.1978, leg. Belov V.V., Kurbatov S.A. (1 spec.) [Lyubarsky, 2000].

DISTRIBUTION. **Russian Far East**. — Can be found in **China**.

Cryptophagus saginatus Sturm, 1845

MATERIAL. **Kazakhstan**: Zhetyssu (Semirechye), coll. Ivanov I.I. (1 spec.); **Turkmenistan**: Keikodona gorge, 14.05.1968, leg. Tikhomirova A. (1 spec.); **Russia**: Primorye, Vladivostok, 2.03.1979, leg. Krivolutska G.O. (1 spec.); same data, 10–12.1978, leg. Krivolutska G.O. (4 spec.); Shkotovsky area, Ussuriysky reserve, nests *Polygraphus* sp., 7.06.1971, leg. Arefin (1 spec.); Amur region, Myao-Chan Ridge, 21.08.1982, leg. Kabakov O.N. (1 spec.).

DISTRIBUTION. Palaearctic, Australian, Nearctic, Neotropical Region. — **Kazakhstan**; Turkmenistan; **Russian Far East**. Can be found in **China**.

Cryptophagus scanicus Linnaeus, 1758

MATERIAL. **Kazakhstan**: S Dzhungaria, 1.06.1968, leg. Sokolov E. (1 spec.); **Russia**: Dichun near Radde, Amur river,

08.1978, leg. Kurbatov S.A. (10 spec.); Dichun near Radde, Amur river, 08.1978, leg. Belov V.V. (6 spec.); Primorye, Vladivostok, 10–12.1978, leg. Krivolutskaya G.O. (1 spec.); Primorye, Chernigovsky area, Gribnoe, in dead bees, 20.04.2000, leg. Kuznetsov V. (4 spec.); Zeya reserve, 27.06., leg. Kurbatov S.A. (1 spec.); Ussuriysky area, 18 km SE Ussuriysk, Gornotaezhnoe, 27.06.1995, leg. Dubatolov V.V., Dudko A.Yu. (1 spec.); Amur region, Bashurovo, 21.07.1980, leg. Alekseev (1 spec.).

DISTRIBUTION. Palaearctic, Afrotropical, Nearctic. — New to **Kazakhstan**; Russian Far East; can be found in China.

Cryptophagus schmidti Sturm, 1845

MATERIAL. **Kazakhstan:** Makanchi Distr., Tarbagatay Mts., Kyzylbulak river valley, h=1100–1200 m, *Populus*, *Malus*, *Salix* forest, 22.06.2001, leg. Golovatch S. (2 spec.); **Russia:** Primorye, Sinelnikovo, Suifen, 23.09.1975, leg. Lafer G.Sh. (2 spec.).

DISTRIBUTION. Europe, Caucasus, W Asia, C Asia, Far East. — **Kazakhstan**; Russian Far East; can be found in China.

Cryptophagus scutellatus Newman, 1834

DISTRIBUTION. Palaearctic, Nearctic. — China: grain-storage [Yan et al., 2010].

Cryptophagus simplex Miller, 1858

MATERIAL. **Uzbekistan:** W Tian-Shan, Kuraminsky Mt., Angren plate, h=2600 m, burrow of relict gopher *Citellus relictus*, 14–23.07.1983, leg. Ageeva (57 spec.); **Kyrgyzstan:** Kara-Alma, 10.07.1945, leg. Arnoldi K. (1 spec.); Kichik Alai, Kara-Goy, h=2400 m, 21–22.05.1993, leg. Schawaller W. (1 spec.).

DISTRIBUTION. Europe, C Asia. — **Uzbekistan**; **Kyrgyzstan**; can be found in China.

Cryptophagus simulator Grouvelle, 1916

MATERIAL. **India:** Himachal Pradesh, Simla, Kufri, 16.07.1989, leg. Riedel A. (4 spec.) [Lyubarsky, 1997a]; **Nepal:** Panchthar Distr., h=2300 m, mixed broadleaved forest, 16–20.04.1988, leg. Martens J., Schawaller W. (1 spec.); Solukhumbu Distr., h=2700 m, 20.05.1997, leg. Schawaller W. (1 spec.); Taplejung Distr., upper Simbua Khola Valley, near Tseram, h=3250–3350 m, mature *Abies-Rhododendron* forest, 10–15.05.1988, leg. Martens J., Schawaller W. (1 spec.); Dailekh Distr., Dailekh to Mabuchin Pass, h=2300 m, 3–4.06.1998, leg. Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. S Palaearctic. — **India:** Himachal Pradesh, Uttar Pradesh, Sikkim; **Pakistan:** Murree; **Nepal**; can be found in China.

Cryptophagus skalitzkyi Reitter, 1875

MATERIAL. **China:** Xinjiang, Tian-Shan Mts., Khalyktau ridge, upp. Kuqa river, 3 km Dalongchi, h=2450 m, *Picea schrenkiana* litter, 9.06.2001, leg. Saluk S. (1 spec.); **India:** Kashmir, Tangmarg, Pir Panjal Mts., h=2600 m, 21–25.05.1976, leg. Martens J., Schawaller W. (4 spec.); **Kazakhstan:** Dzhungarsky Alatau, Tastau river basin, Arkantirgen river, litter, h=1800 m, 8–11.08.1991, leg. Tishechkin A.K. (20 spec.); Charyn val., W Chundza, h=800, 10–13.06.1993, leg. Schawaller W. (3 spec.); Almaty area, Uigursky distr., 11 km NW Chunja, Chryn river canyon, h=650 m, riverine *Fraxinus*, *Populus*, *Salix* etc. forest, 29–31.05.2001, leg. Golovatch S. (4 spec.); Almaty area, Uigursky distr., 5 km SE Kyrgyzsar (=Podgornoe), Ketmen Mts., h=1900 m, *Picea*, *Betula*, *Populus*, etc. forest, 1–2.06.2001, leg. Golovatch S. (4 spec.); Almaty area, Uigursky distr., Zharkent (=Panfilov distr.), 8 km N Sarybel, Dzhungarsky Alatau Mts., Tyshkan river canyon, h=1700–1800 m, *Picea* forest with *Salix*, *Berberis* etc. bush, 6–7.06.2001, leg. Golovatch S. (1 spec.); **Turkmenistan:** Lebap Province, Garabekewul District, Lambe, 20.05.1978, leg. Kompantsev A.B. (1 spec.); **Uzbekistan:** Samarkand; Tashkent, leg. Ahnger; **Kyrgyzstan:** Tyup, near Shaty, 30.08.1987, leg. Kurbatov S. (1 spec.); Osh Province, Uzgen, Karashogo, 12.09.1983, leg. Rybin S. (1 spec.); Osh Province, Uzgen, Karashogo, *Apodemus uralensis*, 17.09.1986, leg. Rybin S. (1 spec.); Osh Province, Djidalik, *Apodemus uralensis*, 14.10.1986,

leg. Rybin S. (1 spec.); Osh Province, Naukat, corpse of *Apodemus uralensis*, 16.09.1987, leg. Rybin S. (11 spec.); Osh Province, Gouyan, 6 km S Khaidarnot, corpse of *Alticola argentatus*, 26.09.1986, leg. Rybin S. (1 spec.); Terskej Alatau, Ak-Su, h=2100 m, 14–18.06.1993, leg. Schawaller W. (2 spec.); Chu Valley, Vasiljevka vill., 20.05.1970, leg. Ovtchinnikov S. (1 spec.); Issyk-Kul bank, S Chon-Urjukty, h=1600 m, 19–23.06.1993, leg. Schawaller W. (1 spec.); Kichik Alai, Kara-Goy, h=2400 m, 21–22.05.1993, leg. Schawaller W. (6 spec.); **Tajikistan:** Kuraminsky ridge, Puli-Khodzhak, h=1300 m, 4–6.1974, leg. Yanushev V. (3 spec.); Fann Mountains, Marguzor lake, h=2500 m, 20–29.04.1992, leg. Alekseev S.K. (2 spec.); Hissar ridge, Kondara, in fungi, 18.04.1978, leg. Danilevsky M.L. (1 spec.); Tigrovaya Balka Nature Reserve, in place where Vakhsh River and the Panj River join to form the Amu Darya, 7.06.1987, 20.04.1986, leg. Kompantsev A.V. (2 spec.); Panj Karatau, h=1700 m, 23.04.1991, leg. Ovtchinnikov S. (1 spec.); Roshtkala, in fungi, 26.07.1978, leg. Danilevsky M.L. (1 spec.).

DISTRIBUTION. Europe, Caucasus, C Asia, Siberia. — New to **China**: Xinjiang; **India**: Kashmir; **Kazakhstan**; **Turkmenistan**; **Uzbekistan**; **Kyrgyzstan**; **Tajikistan**.

Cryptophagus subdepressus Gyllenhal, 1827

MATERIAL. **Russia:** Kuril Islands, Kunasiri, Golovina Mt., 25.07.1973, leg. Kerzhner I.M. (1 spec.); Primorye, Khasansky area, Kedrovaya Pad reserve, 24.07.1987, leg. Kurbatov S.A. (1 spec.); Amur river, Zeya reserve, 7.07.1978, leg. Kurbatov S.A. (1 spec.); Lazovsky reserve, Proselochnaya bay, 1–5.05.1996, leg. Yu. Sundukov (2 spec.).

DISTRIBUTION. Palaearctic. — Russian Far East; can be found in China.

Cryptophagus subfumatus Kraatz, 1856

MATERIAL. **Turkmenistan:** Ashgabat (1 spec.); Repetek, 12.05.1913, in coll. Fursov N.I. (1 spec.); **Uzbekistan:** Tashkent; Sizhak, in fungi, 15.05.1961, leg. Zhantiev R.D. (1 spec.); Tashkent, leg. Makowsky; **Kyrgyzstan:** Fergana Alatau, Yarodar, h=1400–1500 m, 16–19.05.1993, leg. Schawaller W. (1 spec.); Nicolaipol, 15.05.1907, leg. Fischer E. (1 spec.); Thalass-Thal, 11.1907, leg. Fischer E. (1 spec.); Chatkal Ridge, Sary-Celek, h=1400–1600 m, 27–31.06.1993, leg. Schawaller W. (1 spec.); **Tajikistan:** Kharshi river; **Russia:** Primorye, Vladivostok, 08.1980, leg. Krivolutskaya G.O. (2 spec.); same data, 09.1977, leg. Krivolutskaya G.O. (1 spec.); same data, 03.1979, leg. Krivolutskaya G.O. (4 spec.); Dichun near Radde, Amur river, 10.08.1978, leg. Belov V.V. (1 spec.); Primorye, Chernigovsky area, Gribnoe, dead bees *Apis mellifera*, 20.04.2000, leg. Kuznetsov V. (2 spec.); Lasovsky reserve, 20.04.1996, Sundukov Yu. (1 spec.); Zeya reserve, 6–7.1978, leg. Belov V.V., Kurbatov S.A. (2 spec.).

DISTRIBUTION. Europe, C Asia, Siberia, Far East, Nearctic, Neotropical Region. — New to **Tajikistan**; Russian Far East; can be found in China.

Cryptophagus tuberculosis Maklin, 1852

MATERIAL. **China:** Inner Mongolia, Chifeng, leg. Zhang Shengfang (1 spec.); **Russia:** E Siberia, Turukhansky region, Dubches river basin, litter, 23–24.09.1992, leg. Semenov V. (6 spec.); Altai reserve, litter, 09.1969, leg. Tikhomirova A. (1 spec.); Zeya reserve, 06.1978, leg. Belov V.V., Kurbatov S.A. (5 spec.); Zeya reserve, 06.1978, leg. Belov V.V. (1 spec.); Zeya reserve, 3.07.1978, leg. Kurbatov S.A. (4 spec.); Primorye, Vladivostok, 08.1980, leg. Krivolutskaya (1 spec.); Ussuriysky area, Kamenushka, 13–18.06.1979, leg. Mikhechev, Nikitsky N.B. (2 spec.).

DISTRIBUTION. N Europe, Far East, Neartic. — **China:** Inner Mongolia; Mongolia; Russian Far East.

Cryptophagus turcicus Otero et Gillelfors, 1993

MATERIAL. **Kazakhstan:** Aksu-Dzhabagly reserve, Khshikayandy, h=1800 m, 17.05.1973, leg. Yanushev V. (6 spec.); **Kyrgyzstan:** Osh Province, near Uzgen, corpse of *Apodemus uralensis*, 15.04.1984, leg. Rybin S.N. (1 spec.).

DISTRIBUTION. Asia Minor, Caucasus, C Asia. — **Kazakhstan**; **Kyrgyzstan**; can be found in China.

Cryptophagus zonatus Lyubarsky, 1995

MATERIAL. **China:** Sichuan, Mt. Emey, litter under stones, h=1400–1800 m, 21–28.09.1994, leg. Kurbatov S.A. (9 spec.) [Lyubarsky, 1995]; S Anhui, Mt. Jiuhua, h=700–1200 m, 16–19.05.1998, leg. Kurbatov S.A. (124 spec.).

DISTRIBUTION. China: S Anhui, Sichuan.

Henoticus Thomson, 1868*Henoticus californicus* Mannerheim, 1843

DISTRIBUTION. Europe, N Korea, Afrotropical, Neartic, Neotropical Region. — Can be found in China.

Henoticus decoratus Bruce, 1943

MATERIAL. **China:** Fujian, Kuantun, 22.02.1938, leg. Klapperich J. (1 spec.).

DISTRIBUTION. China: Fujian

Henoticus indicus Grouvelle, 1916

MATERIAL. **India:** Himachal Pradesh, Simla, Kufri, 16.VII.1989, leg. A. Riedel (1 spec.) [Lyubarsky, 1997a]; **Nepal:** Kathmandu Valley, Phulchoki Mt., 2600–2650 m, 21–22.III.1980, leg. Martens J., Ausobsky (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. S Palaearctic, Oriental Region. — India: Himachal Pradesh, Sikkim, Uttar Pradesh; Nepal; Myanmar; can be found in China.

Henoticus pilifer Reitter, 1888

MATERIAL. **Russia:** Far East, Amur river, Dichun near Radde, 10.08.1978, leg. Belov V.V. (1 spec.); Amur river, Dichun near Radde, 5.08.1978, leg. Kurbatov S.A. (1 spec.); Ussurijsk, 15.07.1987, leg. Kurbatov S.A. (1 spec.); Ussurijsk reserve, 6.07.1982, leg. Nikitsky N.B. (2 spec.); Kamenushka near Ussurijsk, 20.06.1979, leg. Micheechev, Nikitsky N.B. (1 spec.); Kamenushka near Ussurijsk, 17.07.1989, leg. Nikitsky N.B. (1 spec.); Kamennyi kluch, Cheremuchovaya river, 15 km from Cheremchan, 31.07.1986, leg. Zherikhin V.V., Gratshev V.V. (3 spec.); Kamenushka near Ussurijsk, 05.1990, leg. Nikitsky N.B. (7 spec.); Kamenushka near Ussurijsk, 8.06.1979, leg. Belov V.V. (1 spec.); Kamenushka near Ussurijsk, 6–7.1984, leg. Nikitsky N.B. (40 spec.); Lasovsky reserve, near Sokolovskoe, 03.06.2007, leg. Sundukov Yu. (1 spec.); Lasovsky area, Sokolchi, 06–07.1979, leg. Kompantsev A. (12 spec.); Sikhote Alin, Tutikhe (1 spec.); Lasovsky reserve, 14–31.05.2009, leg. Kurbatov S.A. (2 spec.); Barabash-Levada, 23.06.1980, leg. Krivolutskaya G.O. (1 spec.).

DISTRIBUTION. Siberia, Far East. — China: Beijing, Heilongjiang; Russian Far East; Japan [Nakane, 1986].

Henoticus serratus Gyllenhal, 1808

MATERIAL. **Nepal:** Dolakha Distr., SW Kalinchok Mt., h=3100 m, 19–23.IV.1995, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999]; Phoksumdo Lake, Ringmo, Dolpo, North.Dhaulagiri Himal, h= 3600–3900 m, 10–15.06.1973, leg. Martens J. (1 spec.); **Russia:** Khabarovsk krai, Bureinsky reserve, h=560 m, 13.09.2006, leg. Ryvkin A.B. (1 spec.); Amur river, Dichun near Radde, 2.08.1978, leg. Kurbatov S.A. (1 spec.); near Ussurijsk, Gorno-Taezhnaya, 14.08.1978, leg. Zimenko (1 spec.); Amur river, Bashurovo, 8.08.1980, leg. Belov V.V. (1 spec.); Amur region, Zeya, 25–26.07.1978, leg. Belov V.V., Kurbatov S.A. (5 spec.); Amur river, Dychun near Radde, 6.08.1978, leg. Belov V.V. (4 spec.); Sikhote-Alin ridge, Tardoki, h=1400 m, 1.07.1980, leg. Lafer G. (1 spec.); Amur region, Zeya, 28.06.1978, leg. Belov V.V. (1 spec.); near Ussurijsk, Kamenushka, 20.06.1984, leg. Nikitsky N.B. (3 spec.); Amur region, Zeya, 10–11.06.1978, leg. Belov V.V., Kurbatov S.A. (3 spec.); Amur region, Zeya, 2–3.08.1978, leg. Zimenko (1 spec.); Khabarovsk krai, Bychikha, 14.08.1990, leg. Shiras A. (1 spec.); Khabarovsk krai, Suluk, 5.06.1975, leg. Lafer G.Sh. (1 spec.); Amur region, Selemjinsky area, in fungei, 19.08.1976, leg. Ryvkin A.B. (1 spec.); Lasovsky reserve, 20.04.1996, leg. Sundukov Yu. (4 spec.); Laso, 16.08.2006, leg. Sundukov Yu. (1 spec.); Kunasiri, near Tretjakovo, 17–20.07.1990, leg. Kurbatov

S. (2 spec.); Khabarovsk krai, Verchnebureinsky area, Ust-Urgal, 26.08.2009, leg. Ryvkin A.B. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Siberia, Far East. — Nepal; Russian Far East; can be found in China.

Henoticus sinensis Bruce, 1943

MATERIAL. **China:** Fujian, Kuantun, leg. Klapperich J. (17 spec.); Zhejiang (Chekiang); Guilin, 7.04.1982, leg. Wittmer W. (1 spec.); **Nepal:** Phoksumdo Lake, Ringmo, Dolpo, North.Dhaulagiri Himal, h= 3600–3900 m, 10–15.06.1973, leg. Martens J. (1 spec.); Dolakha Distr., SW Kalinchok Mt., h=3100 m, 19–23.04.1995, leg. Martens J., Schawaller W. (1 spec.).

DISTRIBUTION. E. Palaearctic. — China: Guilin, Taiwan, Fujian; India: Sikkim; Nepal; Japan.

Henotiderus Reitter, 1877*Henotiderus centromaculatus* Reitter, 1877

MATERIAL. **China:** Prov. Shaanxi, Xian, Mt. Huachan, 100 km E Sian, h=500–1700 m, 8–11.05.1994, leg. Kurbatov S.A. (2 spec.) [Lyubarsky, 1995]; **Russia:** Kuril Islands, Kunasiri, Mendelevo, 6–7.1985, leg. Nikitsky N.B. (11 spec.); Kunasiri, Sernovodsk, 17.07.1985, leg. Saluk S. (1 spec.); Kunasiri, Mendelevo, 20.07.1985, leg. Belov V.V. (1 spec.); Primorye, near Ussurijsk, Kamenushka, 11.06.1979, leg. Micheechev, Nikitsky N.B. (1 spec.); Primorye, near Ussurijsk, Kamenushka, 25–26.06.1980, leg. Nikitsky N.B., Belov V.V. (3 spec.); Primorye, near Ussurijsk, 7.06.1984, leg. Nikitsky N.B. (2 spec.); Lasovsky reserve, 23–31.05.2009, leg. Kubatov S.A. (1 spec.).

DISTRIBUTION. Far East, China, Japan, Nearctic. — China: Shaanxi, Jiangsu; Russian Far East; Japan.

Henotimorphus Lyubarsky, 1987*Henotimorphus belovi* Lyubarsky, 1987

MATERIAL. **Russia:** Far East, Dichun near Radde, 31.08.1978, leg. Belov V.V. (1 spec.); Primorye, near Ussurijsk, Kamenushka, 20.06.1979, leg. Micheechev, Nikitsky N.B. (1 spec.); the same data, 27.06.1980; the same data, 3.07.1989; Ussurijskiy reserve, 8.07.1987, leg. Kurbatov S.A. (1 spec.).

DISTRIBUTION. Russian Far East. — Can be found in China.

Himascelis Sengupta, 1978*Himascelis brunneus* Sengupta, 1978

MATERIAL. **India:** Sikkim, Manang Distr., above Bagarchap, h=2400 m, 13–14.04.1988, leg. Martens J., Ausobsky A. (1 spec.); W. Bengal, Darjeeling, Chimkhona (Ghum), 6–10.1973, leg. Martens J. (3 spec.); Kashmir, Daksum, h=2400–2700 m, 9–13.07.1976, leg. Wittmer W. (2 spec.); Himachal Pradesh, Bagi, Chimkhona (Ghum), h=2621 m, 21.06.1975, leg. Sen Gupta (1 spec.); West Bengal, Lebong, h=1600–1800 m, 8.05.1975, leg. Wittmer W. (1 spec.); **Nepal:** Taplejung Distr., upper Tamur Valley, resthut/side-valley, broadleaved forest with bamboo, 2450 m, 19.V.1988, leg. Martens J., Schawaller W. (2 spec.); Parbat Distr., between Deorali and Chitre, 2700 m, 1–2.V.1995, leg. Martens J., Schawaller W. (1 spec.); Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, *Quercus semecarpifolia*-*Rhododendron* forest, 31.V–3.VI.1988, leg. Martens J., Schawaller W. (6 spec.); Manang Distr., above Bagarchap, *Acer-Quercus* forest, 2400 m, 13–14.IV.1980, leg. Martens J., Ausobsky (1 spec.) [Lyubarsky, 1999]; **Bhutan:** Dorjula, h=3100 m, 09.1976, leg. Doree Khandu (4 spec.).

DISTRIBUTION. India: Himachal Pradesh, West Bengal, Kashmir, Sikkim; Nepal; Bhutan. — Can be found in China.

Himascelis chinensis Nikitsky, 1996

MATERIAL. **China:** Shaanxi, 100 km E Sian, h=700–1700 m, Mt. Huashan, 8–12.05.1994, leg. Kurbatov S.A. (1 spec.).

DISTRIBUTION. China: Shaanxi.

Himascelis kashmirensis Sengupta et Pal, 1980

DISTRIBUTION. India: Kashmir; Pakistan. — Can be found in China.

Himascelis nigratus Sengupta, 1978

MATERIAL. **Nepal:** Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.IV.1988, leg. Martens J., Schawaller W. (5 spec.); Ilam Distr., Gitang Kholā, 2550 m, 28–31.III.1980, leg. Martens J., Ausobsky (1 spec.); Taplejung Distr., upper Tamur Valley, resthut/side-valley, broadleaved forest with bamboo, 2450 m, 19.V.1988, leg. Martens J., Schawaller W. (2 spec.); Panchthar Distr., Dhorpar Kharka, mature *Rhododendron-Lithocarpus* forest, 2700 m, 13–16.IV.1988, leg. Martens J., Schawaller W. (2 spec.); Panchthar Distr., Paniporua, 2300 m, mixed broadleaved forest, 16–20.IV.1988, leg. Martens J., Schawaller W. (1 spec.); Parbat Distr., Chitre, 2400 m, 4.V.1980, leg. Martens J., Ausobsky (1 spec.); Gorkha Distr., Chuling Kholā, Djinski Kharka, 3400 m, *Abies* forest, 4–5.VIII.1983, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Sikkim; Nepal; Bhutan. — Can be found in China.

Himascelis similis Nikitsky, 1996

MATERIAL. **China:** Sichuan, Ulun reserve, h=500–1700 m, 15–24.05.1994, leg. Kurbatov S.A. (1 spec.)

DISTRIBUTION. China: Sichuan.

Micrambe Thomson, 1863*Micrambe abietis* Thomson, 1863

MATERIAL. **Mongolia:** Ar-Khangaikskiy aimak, 40 km Tevshruleh, 18–19.06.1975, leg. Kozlov (1 spec.); **Russia:** Amur region, Selemjinsky area, Norsky reserve, Burunda river, 3–8.10.2004, leg. Ryvkin A.B. (4 spec.); Amer region, Zeya, 27.06.1978, leg. Belov V.V. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, 10–11.07.2005, leg. Ryvkin A.B., Veselova E.A. (2 spec.); Amur region, Zeya reserve, 5–14.06.1978, leg. Kurbatov S.A. (2 spec.); Amer region, Zeya, 25.06.1978, leg. Belov V.V. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, Nora river, 16.08.2004, leg. Ryvkin A.B. (1 spec.); Tuva, Biy-Khem river, Serlig-Khem river, 11.06.1992, leg. Ryvkin A.B. (1 spec.); Khabarovsk region, Bureinsky reserve, Levaya Burea river, h=615 m, 21.08.2010, leg. Ryvkin A.B. (2 spec.); the same data, h=528 m, 13.07.2011, leg. Ryvkin A.B. (1 spec.); Khabarovsk region, Ussurijsk area, Kamenuschka, 5.07.1980, Nikitsky N.B., Belov V.V. (1 spec.); **N Korea:** Ryanggang Province (11 spec.) [Lyubarsky, 1991].

DISTRIBUTION. Palaearctic. — Mongolia; Russian Far East; N Korea; can be found in China.

Micrambe alatauensis Lyubarsky, 2000

MATERIAL. **Kazakhstan:** Dzungarian Alatau, W Tastau Mountain, Mt. Zhumak, left bank of Kokmoin river, 15 km from source, fir-wood, litter&under stone, h=1800 m, 6.08.1991, leg. Tishechkin A. (3 spec.).

DISTRIBUTION. Kazakhstan. — Can be found in China.

Micrambe baneti Otero, 2004

DISTRIBUTION. India: Sikkim; Nepal. — Can be found in China.

Micrambe bimaculata (Panzer, 1798)

MATERIAL. **China:** Sichuan, Mt. Emey, litter under stones, h=1400–1800 m, 21–28.09.1994, leg. Kurbatov S.A. (11 spec.); Shaanxi, Xian, Mt. Huachan, 100 km E Sian, h=500–1700 m, 8–11.05.1994, leg. S. Kurbatov (6 spec.) [Lyubarsky, 1995]; E. Hubei, Shennongjia Nat. Res., env. Macheng. Longsheng, h = 500 m, litter, 29 V 1995, leg. S. Kurbatov (2 spec.) [Lyubarsky, 1997b]; S Anhui, Mt. Jiuhua, h=700–1200 m, 16–19.05.1998, leg. Kurbatov S. (1 spec.); Sichuan, env. Xichang, h=1600 m, 26–28.07.1996, leg. S. Kurbatov (2 spec.); Sichuan, S Xichang, Mt. Luoji, h=2300–2500

m, 16–24.07.1996, leg. S. Kurbatov (1 spec.); **Kazakhstan:** Tarbagatay Mts., h=1100–1200 m, 22.06.2001, leg. Golovatch S. (1 spec.) [Lyubarsky, 2008]; **Mongolia:** Ordonhantal, 80 km E Nyrā, Erdoni-Han, 4–5.1979, leg. Peregi (3 spec.); **Russia:** Primorye, Ussuryisk area, Kamenushka, 4.07.1989, leg. Nikitsky N.B. (1 spec.); the same data, 5.07.1980, leg. Nikitsky N.B., Belov V.V. (2 spec.); the same data, 1.05.1990, leg. Kurbatov S.A. (1 spec.); the same data, 28.06.1984, leg. Nikitsky N.B. (3 spec.); Primorye, Barabash-Levada, 21.06.1980, leg. Krivolutskaya G.O. (1 spec.); Primorye, Yuzhno-Morskoj, 2.05.1982, leg. Lelei A. (1 spec.); Primorye, Shkotovsky area, Sukhodol river valley, 06.07.1975, leg. Krivolutskaya G.O. (1 spec.); W Partizansk, Anisimovka, litter under stones, near river, 24.07.1988, leg. Kurbatov S.A. (6 spec.); Vladivostok, 5.07.1986, leg. Gratchev V., Zherikhin V.V. (1 spec.); Kuril Islands, Iturup, Kurilsk, 20–22.05.1989, leg. Basarukin A.M. (1 spec.); Amur region, Selemjinsky area, Norskiy reserve, Nora river, 2–3.09.2004, leg. Ryvkin A.B. (7 spec.); the same data, h=250 m, 17.09.2008, leg. Veselova E.M., Ryvkin A.B. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Siberia, Far East. — China: new to Anhui, Beijing, Hebei, Hubei, Guizhou, Shaanxi, Sichuan, Tientsin, Yunnan, Zhejiang; Mongolia; Russian Far East.

Micrambe morula Bruce, 1943

MATERIAL. **China:** Fujian, Kuatun, 20.02.1938, leg. Klap-perich J. (1 spec.); the same data, 27.03.1938; **Russia:** Khabarovsk region, Verchneburinsky area, Olga river valley, 3 km Sophijsk, h=880–900 m, 20.08.2008, leg. Ryvkin A.B.; Kuril Islands, Shikotan, Krabozavodskoe, 14.09.1997, leg. Marusik Yu.M. (1 spec.); Kuril Islands, Kunasiri, S-Kurilsk, 5.05.1989, leg. Basarukin A.M. (1 spec.); the same data, Mendelevo, 17.05.1989, leg. Basarukin A.M. (1 spec.); the same data, near Kislyi, 12.05.1989, leg. Basarukin A.M. (1 spec.); Kuril Islads, Kunasiri, Kislyi, 2.06.1989, leg. Basarukin A.M. (1 spec.); Sakhalin Island, Akivsky area, Uljanovsk, 1–5.11.1989, leg. Basarukin A.M. (1 spec.); Primorye, Shkotovsky area, Anakina Pad, 21–22.06.1989, leg. Nikitsky N.B. (1 spec.); Kuril Islands, Kunasiri, 1997, leg. Marusik Yu.M. (1 spec.); Kuril Islands, Kunasiri, 20–26.07.2011, leg. Kurbatov S.A. (1 spec.); Kuril Islands, Kunasiri, Mendelevo, 21–24.06.1985, leg. Nikitsky N.B. (3 spec.); the same data, 1.08.1985, leg. Nikitsky N.B. (3 spec.); [Lyubarsky, 2000].

DISTRIBUTION. Far East, China. — China: Fujian; Russian Far East.

Micrambe nigricollis Reitter, 1876

MATERIAL. **China:** Inner Mongolia, Uangab, leg. Zheng Shengfang (3 spec.); the same data, Hinggan, leg. Zheng Shengfang (1 spec.); Inner Mongolia, leg. Zheng Shengfang (5 spec.) [Lyubarsky, 1995]; China: grain-storage [Yan et al., 2010]; **Kazakhstan:** Tarbagatay Mts., h=1100–1200 m, 22.06.2001, leg. Golovatch S. (1 spec.); Aksu-Dzhabagly reserve, Khshi-Kayandy, h=1800 m, stones, 17.05.1973, leg. Yanushev V. (1 spec.); **Turkmenistan:** Dushak near Tedjen, 1–9.05.1989, leg. Belov V.V. (1 spec.); **Kyrgyzstan:** Osh region, Osh, nest of *Passer montanus*, 13.03.1987, leg. Rybin S.N. (1 spec.); **Tajikistan:** 31 km N Dushanbe, Varzob botanical station, Obi-afed, walnut forest, h=1900 m, 27.06.1973, leg. Yanushev V. (1 spec.); the same data, 26.07.1973; Dushanbe, 17.08.1931, coll. Fursov N.I. (1 spec.); Dushanbe, 25.05.1932, coll. Fursov N.I. (1 spec.).

DISTRIBUTION. Caucasus, C Asia, E Siberia, China. — China: Inner Mongolia; Kazakhstan; new to Turkmenistan; Kyrgyzstan; Tajikistan; Mongolia.

Micrambe reverenda Lyubarsky, 1995

MATERIAL. **China:** Sichuan, Wolong reserve, h=500–1700 m, 15–24.05.1994, leg. Kurbatov S.A. (1 spec.) [Lyubarsky, 1995]

DISTRIBUTION. China: Sichuan.

Micrambe translata Grouvelle, 1916

MATERIAL. **Kazakhstan:** Aksu-Dzhabagly reserve, Zhatynsay, h=1400 m, stones, 28.04.1973, leg. Yanushev V. (1 spec.);

Kyrgyzstan: Osh region, Kipchalma, nest of *Passer indicus*, 17.05.1986, leg. Rybin S.N. (2 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Caucasus; C Asia; Mongolia. — Can be found in China; new to **Kazakhstan**; Kyrgyzstan; Mongolia.

Pteryngium Reitter, 1888

Pteryngium crenatum Fabricius, 1798

MATERIAL. Russia: Far East: Kunasiri, Mendeleevo, 15.07.1985, leg. Nikitsky N.B. (1 spec.); Kunasiri, Mendeleevo, tinder fungus in *Betula*, 23.09.1975, leg. Korotyaev B. (1 spec.); Sakhalin Island, Naiba river, near Bykovo, 13.08.1991, leg. Gratchev V.G. (1 spec.).

DISTRIBUTION. Europe, Nearctic. — Russian Far East; can be found in China.

Serratomaria Nakane et Hisamatsu, 1963

Serratomaria tarsalis Nakane et Hisamatsu, 1963

MATERIAL. Russia: Far East, Kunasiri, Mendeleevo, 6–7.1985, leg. Nikitsky N.B. (14 spec.); Kunasiri, 1997, leg. Marusik (5 spec.); Kunasiri, kord. Ozernyi, 20–28.07.2011, leg. Kurbatov S.A. (1 spec.); Primorye, 28.06.1984, leg. Nikitsky N.B. (1 spec.).

DISTRIBUTION. Japan, China. — China: Yunnan; Russian Far East; Japan.

Serratomaria vulgaris Sasaji, 1984

MATERIAL. China: Taiwan, Shanme, h=600 m, 2–23.05.1977, leg. Klapperich J. (1 spec.); Taiwan, Alishan, h=2400 m, 04–06.1977, leg. Klapperich J. (2 spec.); Taiwan, Fenchihu, h=1400 m, 04–05.1977, leg. Klapperich J. (3 spec.); **Russia:** Far East, Kunasiri, Sernovodsk, 17.07.1962 (1 spec.); Sernovodsk, 17.07.1985, leg. Nikitsky N.B. (1 spec.); Tretjiakovo, 28.07.1985, leg. Nikitsky N.B. (1 spec.); Kunasiri, Mendeleevo, 06–08.1985, leg. Nikitsky N.B. (7 spec.); Primorye, Ussuriysky area, Kamenushka, 28.06.1984, leg. Nikitsky N.B. (1 spec.); **Vietnam:** Lang Son, in dried fruits of *Hevea*, 17.01.1989, leg. Korotyaev B. (1 spec.).

DISTRIBUTION. Japan. — China: Taiwan; Russian Far East; Japan; new to **Vietnam**.

Spaniophaeus Reitter, 1875

Spaniophaeus fraudulentus [Lyubarsky, 1997a]

MATERIAL. India: Himachal Pradesh, Simla, Kufri, 16.VII.1989 leg. A.Riedel (5 spec.) [Lyubarsky, 1997a].

DISTRIBUTION. India: Himachal Pradesh. — Can be found in China.

Striatocryptus Leschen, 1996

Striatocryptus polyglandis Leschen, 1996

DISTRIBUTION. India: Uttar Pradesh. — Can be found in China.

Striatocryptus wilkinsoni Leschen, 1996

DISTRIBUTION. Nepal. — Can be found in China.

Telmatophilus Heer, 1841

Telmatophilus sparganii Ahrens, 1812

MATERIAL. Uzbekistan: Samarkand region, Katty-Kurgan, 4–6.05.1869 (1 spec.); **Tajikistan:** source of Amu-Darya, 20.06.1928 (1 spec.); **Russia:** Primorye, Ussuriysky area, Kamenushka, 16.06.1984, leg. Nikitsky N.B. (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Europe, N Africa, C Asia. — Uzbekistan; new to **Tajikistan**; Russian Far East; can be found in China.

Telmatophilus typhae Fallen, 1802

MATERIAL. Kyrgyzstan: Issyk-Kul bank, S Chon-Urjukty, h=1600 m, 19–23.06.1993, leg. Schawaller W. (3 spec.); **Russia:**

Primorye, Khasan region, Kedrovaya Pad, 4.07.1983, leg. Kirejtshuk A. (1 spec.); Ussuriysky area, Kamenushka, 3.09.1984, leg. Churkin S. (2 spec.); the same data, 7–19.07.1989, leg. Nikitsky N.B. (4 spec.); the same data, 24–27.07.1984, leg. Nikitsky N.B. (2 spec.); the same data, 16–28.06.1984, leg. Nikitsky N.B. (3 spec.); Sakhalin, Aniva Mt., 25.06.1985 (1 spec.); **N. Korea:** Kangwon Province (3 spec.) [Lyubarsky, 1991].

DISTRIBUTION. Europe, Far East, Nearctic. — China: Hebei; Kyrgyzstan; Russian Far East; Japan; N Korea.

Atomariinae LeConte, 1861

Atomaria Stephens, 1829

Atomaria accola Lyubarsky, 1999

MATERIAL. Nepal: Ilam distr., Mai Pokhari, h=2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988, leg. Martens J., Schawaller W. (13 spec.); Panchthar Distr., Paniporua, 2300 m, mixed broadleaved forest, 16.–20. IV. 1988 leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. S Palaearctic, Oriental. — China: Yunnan; Nepal.

Atomaria acerba Lyubarsky, 2012

MATERIAL. Russia: Primorye, Ussury region, Kamenushka, 12.05.1984, leg. Nikitsky N.B. (1 spec.); the same data, 06.1984; Sikhote-Alin, Tardoki Mt., fir grove, h=1400 m, 1.07.1980, leg. Lafer G. (1 spec.); Amur region, Zeya, 11.06.1978, leg. Kurbatov S. (2 spec.); Amur region, Zeya, 06.1978, leg. Belov V. (2 spec.); Amur region, Dichun, 18.08.1978, leg. Belov V., Kurbatov S. (1 spec.); Baikal region, Vitim river, Ust-Zaza, 5–6.06.1969, leg. Rasnytsin A.P. (3 spec.); Sayano-Shushensky Reserve, litter, 21.05.1989, leg. Ryvkin A.B. (1 spec.) [Lyubarsky, 2009]; Khabarovsk region, Bureinsky reserve, Right Burea river, 23.06.2013, leg. Ryvkin A.B. (1 spec.); Verkhnebureinsky area, Burea river basin, upstream of the mouth Usman river, h=500 m, 7.09.2012, leg. Ryvkin A.B. (1 spec.).

DISTRIBUTION. E Siberia, Russian Far East. — Can be found in China.

Atomaria affinis (R.F.Sahlberg, 1834)

MATERIAL. Uzbekistan: Termiz area, Uchkizil, 8.07.1991, leg. Semenov V. (1 spec.) [Lyubarsky, 2008]; **Russia:** Amur region, Zeya, 26.07.1978, leg. Kurbatov S. (1 spec.); Khasan area, Kedrovaya Pad Reserve, fungi tree, 21.09.1988, leg. Tishechkin A. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Siberia, Far East, Nearctic. — Uzbekistan; Russian Far East; can be found in China.

Atomaria aleatoria Lyubarsky, 2012

MATERIAL. Russia: Primorye, Bureinsky Reserve, under the bark of mushrooms and moss, h=550 m, 16.09.2006, leg. Ryvkin A.B. (1 spec.); Zeya State Reserve, 6–7.1978, leg. Belov V., Kurbatov S. (3 spec.); [Lyubarsky, 2009]; Khabarovsk region, Bureinsky reserve, Right Burea river basin, Kitym river, h=670 m, 7.07.2013, leg. Ryvkin A.B. (1 spec.).

DISTRIBUTION. Urals, Siberia, Russian Far East, Kuril Islands. — Can be found in China.

Atomaria alpina Heer, 1841

MATERIAL. Russia: Primorye, Ussury region, Kamenushka, 06.1979, leg. Mikhechev, Nikitsky N.B. (1 spec.); Lazovsky reserve, 23–31.05.2009, leg. Kurbatov S. (1 spec.); Kedrovaya Pad reserve, tree' fungi, 21.09.1988, leg. Tishechkin A. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Turkey, Far East, China, Nearctic. — China: Heilongjiang; Russian Far East.

Atomaria analis Erichson, 1846

MATERIAL. Turkmenistan: env. Kara-Kala, h=1700 m, 16.04.1993, leg. Kurbatov S.A. (24 spec.).

DISTRIBUTION. Europe, Caucasus, Turkey, Iran. — Turkmenistan; can be found in China.

Atomaria apicalis Erichson, 1846

MATERIAL. **Kazakhstan:** Dzungarian Alatau, Tastau river, Arkantirgen river, leaf litter, h=1800 m, 10.08.1991, leg. Tishechkin A.K. (3 spec.); **Kyrgyzstan:** Fergan Alatau, Yarodar, h=1400–1500 m, 16–19.05.1993, leg. Schawaller W. (1 spec.); **Mongolia:** Khubsugul lake, Khasan-Gol river, 29.07.1977, leg. Shilenkov V. (1 spec.); **Russia:** Primorye, Lasovsky reserve, 23–31.05.2009, leg. Kurbatov S.A. (1 spec.); the same data, Petrova bay, 20.04.1996, leg. Sundukov Yu. (6 spec.); Ussuryisky Reserve, 26–27.05.1967, leg. Tichomirova A.L. (1 spec.); Khabarovsk region, Verchnebureinsky area, Ust-Urgal, Semich river, 29.08.2009, leg. Ryvkin A.B. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, 14.06.2005, leg. Ryvkin A.B., Veselova E.M. (1 spec.); the same data, Nora river, Maltsevskoe lake, h=210 m, 29.09.2008, leg. Veselova E.M., Ryvkin A.B. (1 spec.); the same data, 13.06.05, leg. Ryvkin A.B., Veselova E.M. (1 spec.); Khabarovsk region, Verchnebureinsky area, Burea river, mouth Levyi Ussomakh river, 13.08.2010, leg. Ryvkin A.B. (1 spec.); Ussury region, Kamenushka, 6.07.1980, leg. Nikitsky N.B., Belov V. (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — China: Fujian; Kazakhstan; Kyrgyzstan; Mongolia; Russian Far East.

Atomaria atra Herbst, 1793

MATERIAL. **China:** Tian-Shan Mts., Narat ridge, N slope, Zhasyl-Kol river, Tsanmariver bass., h=1900 m, *Picea schrenkiana* litter and dry grass, 26.06.2001, leg. Saluk S. (1 spec.); **Kazakhstan:** Tarbagatay, h=1100–1200 m, 22.06.2001, leg. Golovatch (1 spec.); **Kyrgyzstan:** Issyk-Kul region, Tup, litter under stones, 03.07.1987, leg. Kurbatov S.A. (1 spec.); **Mongolia:** Archangaj aimak, Koschoo zaidam am Chogschin-orchon, 35 km N von Somon Lun (1 spec.); Central aimak, 126 km N von Ulan-Baator, (1 spec.); Tosgoni ovoo, 6–10 km N von Ulan-Baator (1 spec.); **Russia:** Primorye, Ussurijsky area, Kamenushka, 12.07.1982, leg. Nikitsky N.B. (1 spec.); Barabash-Levada, 23.06.1980, leg. Moroz N. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, Chervinka river, 30.06.2005, leg. Veselova E.M., Ryvkin A.B. (1 spec.).

DISTRIBUTION. Europe, Siberia, Far East. — New to **China:** Xinjiang; Kazakhstan; Kyrgyzstan; Russian Far East.

Atomaria atrata Reitter, 1875

MATERIAL. **Russia:** Primorye, Amur Region, Zea Reserve, 14.06.1978, leg. Belov V., Kurbatov S. (1 spec.); Ussuri area, Kamenushka, 05–06.1984, leg. Nikitsky N.B. (2 spec.); the same data, 23.06.1979, leg. Mikhechev, Nikitsky (1 spec.); Amur Region, Dychun, 18.08.1978, leg. Belov V., Kurbatov S. (1 spec.).

DISTRIBUTION. Europe, Far East, Nearctic. — Mongolia; Russian Far East; Japan; can be found in China.

Atomaria basalis Erichson, 1846

MATERIAL. **Russia:** Amur region, Selemjinsky area, Norsky reserve, Nora river, Malzevskoe lake, h=210 m, 1.10.2008, leg. Veselova E.M., Ryvkin A.B. (1 spec.); the same data, 29.09.2008, leg. Veselova E.M., Ryvkin A.B. (2 spec.); the same data, Burunda river, 21.09.2004, leg. Ryvkin A.B. (1 spec.); the same data, Selemja river, 9.08.2004, leg. Ryvkin A.B. (1 spec.); the same data, 10.06.2005, leg. Ryvkin A.B. (1 spec.); Lazovsky reserve, 17–19.05.1996, leg. Sundukov Y. (1 spec.); the same data, 3.06.2007, leg. Sundukov Y. (4 spec.); Kuril Islands, Kunasiri, Golovina Mt., Goryachee lake, 24.07.2008, leg. Makarov K. (2 spec.).

DISTRIBUTION. Europe, Siberia, Far East. — Russian Far East; can be found in China.

Atomaria convexiuscula Reitter, 1888

MATERIAL. **Russia:** Amur region, Dychun near Radde, 4–6.06.1980, leg. Belov V. (1 spec.); the same data, 15.08.1978, leg. Kurbatov S. (1 spec.); Khasan area, Kedrovaya Pad Reserve, hay, 22.09.1988, leg. Tishechkin A. (1 spec.); Pogranichny District, Barabash-Levada, 24.06.1980, leg. Krivolutskaya G.O. (1 spec.);

Ussuri area, Kamenushka, 14.07.1982, leg. Nikitsky N.B. (1 spec.); the same data, 27–28.05.1984, leg. Nikitsky N.B. (1 spec.); the same data, 31.05–2.06.1990, leg. Kurbatov S. (2 spec.); Shkotovsky District, near Anisimovka, hay, 21.08.1977, leg. Krivolutskaya G.O. (1 spec.); Lasovsky Reserve, 23–31.05.2009, leg. Kurbatov S.A. (6 spec.); Lasovsky reserve, 8–9.2006, leg. Shokhrin V., Sundukov Yu. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, litter, 8.07.2005, leg. Ryvkin A.B., Veselova E.M. (1 spec.); Sakhalin Is., Anivsky area, 3–5 km O Novoalexandrovsk, 9.07.1989, leg. Basarukin (1 spec.); **N Korea:** Pyongyang City (2 spec.); South Pyongan Province (5 spec.) [Lyubarsky, 1991].

DISTRIBUTION. Far East, China. — China: Shaanxi, Jiangsu, Hebei, Heilongjiang; Russian Far East; N Korea.

Atomaria edithae Reitter, 1888

MATERIAL. **China:** E Hubei, Shennongjia Nat. Res., env. Macheng, Longsheng, h=500 m, litter, 29.V.1995, leg. Kurbatov S. (1 spec.) [Lyubarsky, 1997b]; **Russia:** Amur region, Zeya Reserve, 14–17.07.1978, leg. Belov V. (2 spec.); S Sakhalin, Novoaleksandrovsk, 7.09.1973, leg. Kerzhner I. (2 spec.); S Sakhalin, Pravda, S Kholmsk, 24.05.1973, leg. Kerzhner I. (1 spec.); Kuril Islands, Kunasiri, Mendeleev, 27.07.1985, leg. Nikitsky N. (1 spec.); Amur region, Dichun near Radde, 12.08.1978, leg. Belov V., Kurbatov S. (1 spec.); Khasan area, Kedrovaya Pad Reserve, 30.08.1980, leg. Kireychuk A. (1 spec.); Ussuri area, Kamenushka, 5–6.1984, leg. Nikitsky N.B. (3 spec.).

DISTRIBUTION. E Palaearctic. — China: Beijing, Heilongjiang, Hubei; Japan; Russian Far East; N Korea.

Atomaria elongatula Erichson, 1846

MATERIAL. **Russia:** Siberia E, Khamar-Daban Mts., upper of Talzinka R., tribut. of Snezhnaya, 5.08.2007, leg. Shavrin A. (1 spec.); Siberia E, Irkutsk Region, Orlenok valley of Olkha R., 5.06.2006, leg. Shavrin A. (1 spec.); Amur region, Dichun near Radde, 6.08.1978, leg. Belov V., (1 spec.); Khabarovsk Region, Verchnebureinsky area, Ust-Urgal, 26.08.2009, leg. Ryvkin A.B. (1 spec.); Ussuri area, Kamenushka, 06.1984, leg. Nikitsky N.B. (2 spec.); Buryatia, Kabansky area, Taetzny, 17.07.1976, leg. Kompantsev A. (1 spec.).

DISTRIBUTION. Europe, Far East. — Russian Far East; can be found in China.

Atomaria fasciata Kolenati, 1846

MATERIAL. **Kazakhstan:** Dzungarian Alatau, Tastau ridge, Tastau Mt., h=3546 m, leg. Tishechkin A. (1 spec.); Dzhungarian Alatau, Sandyktas Mt., 11.08.1991, leg. Tishechkin A. (1 spec.); Dzungarian Alatau, Jumak Mt., left bank of Kokmoin river, spruce, h=1800 m, 4.08.1991, leg. Tishechkin A. (1 spec.); **Kyrgyzstan:** Issyk-Kul region, Tyup, near Shaty, 30.08.1987, leg. Kurbatov S.A. (1 spec.); Kichik Alai, Kara-Goy, h=2400 m, 21–22.05.1993, leg. Schawaller W. (1 spec.); **Tajikistan:** Hissar ridge, Varzob mount-botanical state, h=1900 m, 1.09., leg. Yanushev V. (3 spec.); the confluence of the Muksu and Kysylsu river, Trans-Alay Ridge, 28.07.1975, leg. Yanushev V. (1 spec.).

DISTRIBUTION. Palaearctic. — China: Xingiang; Nepal; India: Kashmir; Kazakhstan; Kyrgyzstan; Tajikistan.

Atomaria fimetarius Fabricius, 1792

MATERIAL. **Russia:** Siberia, Baikal region, Irkutsk area, 30.06.1994, leg. Anitshenko A. (1 spec.); Primorye, Ussurijsky area, Kamenushka, 25.05.1990, leg. Nikitsky N.B. (1 spec.); the same data, 19.06.1979 (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — Russian Far East; can be found in China.

Atomaria flava Johnson, 1968

MATERIAL. **Russia:** Primorye, Khasan region, near Ryasanovka, 10 km SW Slavyanka, marine sediments, 3.08.1988, leg. Kurbatov S.A. (4 spec.); Sakhalin Island, Starodubskoe, marine sediments, 20.07.1972, leg. Zherikhin V.V., Mikheev, Sukhacheva I. (3 spec.); Kuril Islands, Kunasiri, Sernovodsk, 28.06.1985, leg. Nikitsky N.B. (20 spec.).

DISTRIBUTION. Far East. — Russian Far East; Japan; can be found in China.

Atomaria fulvipennis Mannerrheim, 1846

MATERIAL. **Mongolia:** Central aimak, Zaisan tract, S slope Bogdo-ul Mt., 07–09.1969, leg. Gurjeva, Zaitsev (1 spec.); Central aimak, Zaisan tract, S slope Bogdo-ul Mt., 4.07.1967, leg. Kerzhner I. (1 spec.); Central aimak, Uubulan, 60 km E Ulan Baator, (1 spec.); Central aimak, 12 km SE Ulan Baator, Bogdo-ul Mt. (1 spec.); Central aimak, Tosgoni oovo, 10 km N Ulan Baator (1 spec.); Central aimak, 32 km SE Ulan Baator (1 spec.); Chovsgol aimak, Alag Mort, 42 km NE Pass Chaldzan Sogotyn davaa (1 spec.); Chovsgol aimak, 6 km WNW Somon Tosoncengel (1 spec.); Zavchan aimak, 24 km E Somon Songino (1 spec.); Bulgan aimak, 23 km NNE Chischig-Ond, between S.Chischig-Ondor and S.Orchon, 7 km NW of Somon Chanzargalat (1 spec.); Archangaj aimak, Changaj, 20 km W Tcht-amir, between Somon Ichtamir and S.Cukuut (1 spec.); **Russia:** Primorye, Ussurijsky Reserve, 8.07.1987, leg. Kurbatov S.A. (1 spec.); Amur Region, Zeya Reserve, 7.07.1978, leg. Kurbatov S.A. (1 spec.); Amur Region, lower Oldey river, 12.08.1958, leg. Kabakov O.N. (1 spec.).

DISTRIBUTION. N Europe, Siberia, Far East, Nearctic. — Mongolia; Russian Far East; can be found in China.

Atomaria fuscata Schoenherr, 1808

MATERIAL. **Mongolia:** Zolak-Bogda Mt., Khavugait-Bulak gorge, litter, h=2000 m, 9.08.1981, leg. Yanushev V. (10 spec.); **Russia:** Primorye, Khasansky area, Ryasanovka, 18.09.1985, leg. Kabakov (1 spec.); Amur region, Zeya, 26.07.1978, leg. Kurbatov (2 spec.); Kamchatka, Elizovo, 1–14.08.1990, leg. Saluk S. (5 spec.); the same data, Esso, 3–7.08.1990, leg. Saluk S. (1 spec.); Sakhalin, Starodubskoe, 20.07.1972, leg. Zherikhin (1 spec.); Kamchatka, Lazo, 20.06.1976, leg. Lobkova (2 spec.); Amur region, Selemjinsky area, Norsky reserve, Nora river, 15.08.2004, leg. Ryvkin A.B. (1 spec.); Amur region, Selemjinsky area, Norsk, 6.06. 2005, leg. Ryvkin A.B., Veselova E.M. (1 spec.); Primorye, Ussurijsky region, Kamenushka, 22.05.1984, leg. Nikitsky N.B. (1 spec.); the same data, 7.06.1984, leg. Nikitsky N.B. (12 spec.); the same data, 22.06.1980, leg. Nikitsky N.B., Belov V.V. (1 spec.); Magadansky region, 73 km NE Magadan, h=130 m, 28.07.1975, leg. Matis E. (1 spec.); Kuril Islands, Kunasiri, Tretyakovo, 28.07. 1985, leg. Nikitsky N.B. (1 spec.); Primorye, Kedrovaya Pad reserve, 9–13.07.1980, leg. Belov V.V. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Siberia, Far East, Nearctic. — China: Beijing, Xizang; Mongolia; Russian Far East; Japan.

Atomaria gracilicornis Reitter, 1888

MATERIAL. **Nepal:** Dolakha Distr., SW Kalinchok Mt., 3100 m, 19–23.IV.1995, leg. Martens J., Schawaller W. (5 spec.); Mustang Distr., Purano Marpha, 3200 m, 9–11.V.1995, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999]; **Russia:** Primorye, Ussurijsky region, Kamenushka, 22.06.1984, leg. Nikitsky N.B. (1 spec.).

DISTRIBUTION. N Europe, E Europe; Caucasus; Nepal; India; Sikkim, Uttar Pradesh; Siberia; Mongolia; Russian Far East. — Can be found in China.

Atomaria graeseri Reitter, 1888

MATERIAL. **Russia:** Primorye, Ussurijsky reserve, 19.05.1967, leg. Tikhomirova A. (1 spec.); Ussurijsky area, Kamenushka, 6.07. 1980, leg. Nikitsky N.B., Belov V.V. (1 spec.); Khabarovsk Province, SE Boitsovo, 12 km NE Bikin, h=250–350 m, 5–6.1990, leg. Shawaller W. (1 spec.).

DISTRIBUTION. Russian Far East. — Can be found in China.

Atomaria grossepunctata Reitter, 1896

MATERIAL. **Russia:** Khabarovsk Region, Verkhnebureinsky area, Levaya Burea river basin, litter, h=670–690 m, 2.07.2011, leg.

Ryvkin A.B. (3 spec.); Amur region, Ekimchan, 31.08.1979, leg. Kabakov O.N. (1 spec.); Sakhalin, leg. Tamanuki (1 spec.); Primorye, 60 km W Partizansk, near Anisimovka, litter, 23.07.1988, leg. Kurbatov S.A. (2 spec.); Amur region, Dichun near Radde, 8.08.1978, leg. Kurbatov S.A. (1 spec.); Zeya Reserve, 9–23.07, leg. Belov V. (1 spec.); Selemjinsky Reserve, Selemja river, 27.08. 2006, leg. Ryvkin A.B. (3 spec.).

DISTRIBUTION. N Europe, Siberia, Russian Far East. — Can be found in China.

Atomaria horridula Reitter, 1877

MATERIAL. **Russia:** Primorye, Ussurijsky region, Kamenushka, 6–7.1982, leg. Nikitsky N.B. (59 spec.); the same data, 20.05.1984, leg. Nikitsky N.B. (109 spec.); the same data, 18.05.1982, leg. Nikitsky N.B. (2 spec.); the same data, 7.07.1979, leg. Mikhechev, Nikitsky N.B. (3 spec.); the same data, 3.07.1989, leg. Nikitsky N.B. (1 spec.); the same data, 09.1988, leg. Tishechkin (2 spec.); the same data, 6–7.1980, leg. Ryvkin A.B. (26 spec.); the same data, 24–30.06.1984, leg. Lyubarsky G.Yu (13 spec.); Amur region, Dichun near Radde, 6.08.1978, leg. Belov V.V. (1 spec.); the same data, 10.08.1978, leg. Kurbatov S.A. (1 spec.); Lazovsky reserve, 16–22.07.2005, leg. Sundukov Yu., Shokhrin V. (12 spec.); the same data, Lazo, 20–22.05.2002, leg. Sundukov Yu. (4 spec.); Vladivostok, 16.06.1978, leg. Berlov (1 spec.); Primorye, Amba river, Provalovo, 17.08.1986, leg. Gratchev V.G., Zherichin V.V. (1 spec.); Kuril Islands, Iturup, Medvezhyi Peninsula, Slavnaya river, h=400 m, 21.08.1994, leg. Eskov K.Yu. (2 spec.); Primorye, Spasskiy area, Voskresenskaya, 4.09.1970, leg. Kuznetsov (1 spec.); Shkotovsky area, Peishula, 20.06.1971, leg. Kuznetsov (1 spec.); Amur area, Zeya, 28.06.1978, leg. Kurbatov S.A. (1 spec.); the same data, 26.07.1978, leg. Belov V.V. (2 spec.); Amur river, Bashurovo, 21.07.1980, leg. Alexeev S. (1 spec.); Amur region, Kundur, 26.07.1975, leg. Korolev S. (1 spec.); Kedrovaya Pad, 09.1988, leg. Tishechkin (2 spec.); Primorye, Ananievka river, 8.08.1988, leg. Kurbatov S.A. (4 spec.); W Partizansk, Anisimovka, 23.07.1988, leg. Kurbatov S.A. (1 spec.); Vladivostok, litter under stones, 14.08.1988, leg. Kurbatov S.A.; Khasansky area, SW Slavyanka, 2.08.1988, leg. Kurbatov S. (1 spec.); the same data, 12.08.1990, leg. Fedorenko (8 spec.); Spassk-Dalny, Markushevka, 17.06.1990, leg. Kurbatov S.A. (1 spec.); Olginsky area, Furmanovo, 15.06.1972, leg. Zherikhin V.V. (1 spec.); **Japan:** Fukui pref., 1–23.07.1980, leg. Sasaji (2 spec.); Fukui pref., 21–23.08.1977, leg. Sasaji (1 spec.); **N Korea:** Pyongyang City (15 spec.); North Hwanghae Province (1 spec.); North Pyongan Province (23 spec.); South Pyongan Province (7 spec.); South Hwanghae Province (4 spec.) [Lyubarsky, 1991]; **Vietnam:** Dong-Khoi Mt., 28.02.1961, leg. Kabakov (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. E Palaearctic, Oriental. — China: Beijing, Heilongjiang, Hebei, Jiangsu, Shanghai; Russian Far East; Japan; N Korea; Vietnam.

Atomaria incertula C.Johnson, 1971

MATERIAL. **India:** Himachal Pradesh, Simla, Kufri, 16.07. 1989, leg. A. Riedel (1 spec.); Uttar Pradesh, Mussorie, Kamy Falls, 1500 m, 8.07.1989 leg. A. Riedel (1 spec.); Uttar Pradesh, Mussorie, rabbit-farm, 1300 m, 10.07.1989 leg. A. Riedel (1 spec.) [Lyubarsky, 1997a]; **Nepal:** Kaski Distr., above Pothana, 2000 m, 27–29.04.1995, leg. Martens J., Schawaller W. (42 spec.); Kaski Distr., above Dhampus, 2100 m, Sarauja forest, 8–10.05.1980, leg. Martens J., Ausobsky (1 spec.); Ilam Distr., Mai Pokhari, cultivated land, 2100–2200 m, 25–27.03.1980, leg. Martens J., Ausobsky (3 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988, leg. Martens J., Schawaller W. (17 spec.); Ilam Distr., Mai Pokhari, 2150–2250 m, 23–25.08.1983, leg. Martens J., Daams (1 spec.); Ilam Distr., road from Ilam to Birtamode, Karphok, 1700 m, cultivated land with bushes, 2.IV.1980, leg. Martens J., Ausobsky (1 spec.); Lalitpur Distr., Phulchoki Mt., 1800–2000 m, 25.IV.1995, leg. Martens J., Schawaller W. (1 spec.); Myagdi Distr., Myagdi Khola, Dobang, 2400 m, 25.05.1995, leg. Martens J., Schawaller W. (2 spec.); Myagdi Distr., N of Bega Deorali, 2400 m, 16–17.05.1995, leg. Martens J., Schawaller W. (1 spec.); Manang Distr., Marsyandi, 2200 m, above Bagarchap,

Acer-Quercus, 12–13.IV.1980, leg. Martens J., Ausobsky (1 spec.); Manang Distr., Marsyandi, 2550 m, Thimang-Bagarchap, *Tsuga-Acer-Rhododendron* forest, 14–17.04.1980, leg. Martens J., Ausobsky (1 spec.); Panchthar Distr., Paniporua, 2300 m, mixed broadleaved forest, 16–20.04.1988, leg. Martens J., Schawaller W. (2 spec.); Panchthar Distr., between Deorali, Puspati and Sheldoti, 2500–2800 m, *Tsuga-Lithocarpus* forest, 28.08.1983, leg. Martens J., Daams (1 spec.); Kathmandu Valley, Nagarjung, Jamacok, 1900–2100 m, 18.08.1983, leg. Martens J., Schawaller W. (2 spec.); Kathmandu Valley, Baneshwar, cultivated land, gardens, 1400 m, 30.03–2.04.1988, leg. Martens J., Schawaller W. (1 spec.); Kathmandu Valley, Sheopuri Mts., *Quercus semecarpifolia* forest, 2100–2300 m, 25.06.1988, leg. Martens J., Schawaller W. (3 spec.); Taplejung Distr., Yamputhin, cultivated land, open forest, 1650–1800 m, 26.04–1.05.1988, leg. Martens J., Schawaller W. (3 spec.); Dolakha Distr., SW Kalinchok Mt., 3100 m, 19–23.04.1995, leg. Martens J., Schawaller W. (9 spec.); Mustang Distr., right bank of Lethe Khola near Lethe, 2400 m, 5–7.05.1995, leg. Martens J., Schawaller W. (2 spec.); Mustang Distr., Thaksang, 3150 m, *Pinus excelsa-Abies* forest, 26–29.IV.1980, leg. Martens J., Ausobsky (1 spec.); Sankhua Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18–20.06.1988, leg. Martens J., Schawaller W. (7 spec.); Bhojpur Distr., Dilkharka, 2100 m, 26.05.1997, leg. Hauser (1 spec.); Solukhumbu Distr., below Pangum, 2500 m, 14–15.05.1997, leg. Schawaller W. (1 spec.); Surkhet Distr., N Surkhet, 1600–2000 m, 28.05.1998, leg. Schawaller W. (3 spec.); Dailekh Distr., Talpokhari S Dailekh, 1800 m, 29.05.1998, leg. Schawaller W. (1 spec.); Dailekh Distr., N Dailekh, 1600 m, 1–2.06.1998, leg. Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. China: Guangxi; Pakistan; India: Punjab, Himachal Pradesh, Sikkim, Uttar Pradesh; Nepal.

Atomaria kamtschatica Motschulsky, 1845

MATERIAL. **Mongolia**: Archangai aimak, Changai, between Somon Ichtamir and Somon Culnut, 20 km W of Ichtamir (1 spec.); Baruaburk gorge, Munchekmort, 18.08.1989, leg. Veselova (1 spec.); Bulgan aimak, Namnan ul, 23 km NW of Somon Chutag (1 spec.); **Russia**: Primorye, Zeya Reserve, 15.06.1978, leg. Kurbatov S.A. (1 spec.); the same data, 13.07.1978, leg. Belov V. (1 spec.); Amur Region, Dichun near Radde, 27.08.1978, leg. Belov V. (1 spec.); Amur Region, lower Oldoy river, 12.08.1958, leg. Kabakov O.N. (1 spec.); Sikhote-Alin, Oblachnaya Mt., h=1600 m, 15.06.1982 (1 spec.); Khabarovsk region, Verkhnebureinsky Reserve, Ust-Urgal, 4.08.2009, leg. Ryvkin A.B. (3 spec.); Khabarovsk region, Bureinsky Reserve, litter under *Populus suaveolens* in deciduous forest, h=550 m, 19.06.2011, leg. Ryvkin A.B. (1 spec.).

DISTRIBUTION. Siberia, Far East, Nearctic. — Mongolia; Russian Far East; can be found in China.

Atomaria kaszabi C.Johnson, 1970

MATERIAL. **Mongolia**: Central aimak, 90 km UlanBaator, 11 km S von Pass Zosijn davaa (1 spec.); **Russia**: Tuva, Mугur-Aksy, 14.06.1971, leg. Korotyayev B. (1 spec.).

DISTRIBUTION. E Siberia, Mongolia. — Can be found in China.

Atomaria kerzhneri Lyubarsky, 2012

MATERIAL. **Russia**: Far East, Ussurijsk region, Kamenushka, 28.06.1984, leg. Lyubarsky G. (1 spec.); the same data, leg. Nikitsky N. (1 spec.); the same data, 6.07.1980, leg. Nikitsky N., Belov V. (1 spec.).

DISTRIBUTION. Russian Far East. — Can be found in China.

Atomaria khumbuensis C.Johnson, 1971

MATERIAL. **Nepal**: Mustang distr., Thaksang, h=3150 m, *Pinus excelsa-Abies*-Wald, 26–29.04.1980, leg. Martens J., Ausobsky (3 spec.); Sankhua Sabha distr., above Pahakhola, 2600–2800 m, *Quercus semecarpifolia* Rhododendron, 31.05.–03.06.1988, leg. Martens J., Schawaller W. (3 spec.); Gorkha Distr., Chuling

Khola, 2800 m, *Quercus semecarpifolia* forest, 2–3.08.1983, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. India: Kashmir; Nepal. — Can be found in China.

Atomaria klapperichi C.Johnson, 1971

MATERIAL. **Nepal**: Dolakha Distr., SW Kalinchok Mt., 3100 m, 19–23.IV.1995, leg. Martens J., Schawaller W. (1 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.IV.1988, leg. Martens J., Schawaller W. (1 spec.); Kaski Distr., above Pothana, 2000 m, 27–29.IV.1995, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. Afghanistan; India: Punjab; Nepal. — Can be found in China.

Atomaria lederi C.Johnson, 1970

MATERIAL. **Mongolia**: Central aimak, Zaisan tract, S slope Bogdo-Ul Mt., 4.07.1967 leg. Kerzhner I. (1 spec.); **Russia**: Primorye, Amur region, Zeya reserve, litter, 13.06.1978, leg. Belov V. (1 spec.); Khabarovsk region, Bureinsky reserve, Levaya Burea river, h=645 m, litter, 25.06.2011, leg. Ryvkin A.B. (1 spec.); the same data, Pravaya Burea river basin, Kitym river, 10.07.2013, leg. Ryvkin A.B. (1 spec.); near Zeya, Soktakh ridge, 5.06.1978, leg. Belov V., Kurbatov S. (1 spec.); Lazovskij Reserve, 1–3.07.2007, leg. Shavrin A. (2 spec.); Ussurijsky area, Kamenushka, 6.07.1980, leg. Nikitsky N.B., Belov V. (1 spec.); Amur region, Dichun near Radde, 18.08.1978, leg. Belov V., Kurbatov S. (1 spec.); Amur region, Mazanovsky area, Selemja river, 25.07.2006, leg. Ryvkin A.B. (1 spec.); **N Korea**: Kaesong City (1 spec.) [Lyubarsky, 1991].

DISTRIBUTION. N Europe, E Europe, Siberia, Russian Far East; Mongolia; N Korea; Nearctic. — China: Liaoning.

Atomaria lewisi Reitter, 1877

MATERIAL. **China**: 1876, leg. Pjasezky (1 spec.); Inner Mongolia, leg. Zhang Shegnfang, (9 spec.) [Lyubarsky, 1995]; Anhui, Mt. Jiuhua, 700–1200 m, 16–19.05.1998, leg. Kurbatov S.A. (1 spec.); Taiwan, Nantou pref., Nanshanchi, Puli, 3.04.1986, leg. Ohara M. (1 spec.); Taiwan, Nantou pref., Suifeng, h=2400 m, 2.04.1986, leg. Ohara M. (1 spec.); Hubei, Shennongjia reserve, env. Macheng, Longsheng, h=500 m, litter, 29.05.1995, leg. Kurbatov S.A. (4 spec.) [Lyubarsky, 1997b]; C Sichuan, Xiling Mt., h=1400–2200 m, 30.07–04.08.1996, leg. Kurbatov S. (1 spec.); Liaodong Peninsula, Lushun; grain-storage [Yan et al., 2010]; **India**: Uttar Pradesh, Mussorie, rabbit-farm, 1300 m, 10.07.1989 leg. A. Riedel (2 spec.) [Lyubarsky, 1997a]; **Nepal**: Dolakha distr., SW Kalinchok Mt., h=3100 m, 19–23.04.1995, leg. Martens J., Schawaller W. (4 spec.); Kaski Distr., above Pothana, 2000 m, 27–29.06.1995, leg. Martens J., Schawaller W. (4 spec.); Lalitpur Distr., Phulchoki Mt., 1800–2000 m, 25.04.1995, leg. Martens J., Schawaller W. (1 spec.); Mustang Distr., right bank of Lethe Khola near Lethe, 2400 m, 5–7.V.1995, leg. Martens J., Schawaller W. (1 spec.); Lamjung Distr., Senghe, bridge above Marsyandi, 150 m, 10.04.1980, leg. Martens J., Ausobsky (1 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988, leg. Martens J., Schawaller W. (1 spec.); Ilam Distr., Mai Pokhari, 2150–2250 m, 23–25.08.1983, leg. Martens J., Daams (1 spec.); Ilam Distr., Mai Pokhari, 2100 m, 31.03–1.04.1980, leg. Martens J., Ausobsky (1 spec.); Ilam Distr., between Mai Pokhari and Ilam, 1330 m, 1.04.1980 leg. Martens J., Ausobsky (1 spec.) [Lyubarsky, 1999]; **Kazakhstan**: Dzhungarian Alatau, Sandyktas Mt., Mynteke river, larch forest, litter, h=2100 m, 11.08.1991, leg. Tishechkin A. (2 spec.); Temurlik val., h=1000 m, 24.06.1993, leg. Schawaller W. (1 spec.); **Uzbekistan**: Tashkent Province, Yangiyo'l area, 21.05.1981, leg. Yanushev V. (1 spec.); Tashkent Province, 30 km WNW of Tashkent, Abai, 17.04.1984, leg. Kurbatov S.A. (3 spec.); **Kyrgyzstan**: Issyk-Kul region, Tyup, 5.09.1987, leg. Kurbatov S.A. (6 spec.); Ferghan Alatau, Yarodar, h=1400–1500 m, 16–19.05.1993, leg. Schawaller W. (2 spec.); Baubashata Ridge, S Alash, h=1500 m, 25–26.05.1993, leg. Schawaller W. (1 spec.); **Tajikistan**: Hissar ridge, near Duschanbe, Kondara, h=1200 m, 8.08.1970, leg. Yanushev V. (1 spec.); the same data, 20.06.1973; Istaravshan (Ura-

Tyube), 06–07.1987, leg. Muche (1 spec.); Yavan, Gordu, cotton field, 9.06.1973, leg. Yanushev V. (1 spec.); Qurghonteppa Oblast (Kurgan-Tyube Oblast), Panj Mt., 1–10.08.1987, leg. Kolyada (1 spec.); **Mongolia**: Central aimak, Tosgoni oovo, 10km N Ulan-Baator; **Russia**: Primorye, Ussurijsky area, Kamenushka, 11–20.06.1982, leg. Nikitsky N.B. (7 spec.); the same data, 5–14.07.1982, leg. Nikitsky N.B. (3 spec.); the same data, 21–29.05.1984, leg. Nikitsky N.B. (9 spec.); the same data, 7–22.06.1984, leg. Nikitsky N.B. (4 spec.); the same data, 8–9.09.1988, leg. Tishechkin A. (1 spec.); the same data, 3.09.1984, leg. Churkin S. (1 spec.); the same data, 14.07.1984, leg. Churkin S. (1 spec.); the same data, 26.05.1990, leg. Nikitsky N.B. (1 spec.); Ussurijsky reserve, 29.06.1982, leg. Nikitsky N.B. (1 spec.); Khoralsky area, Sivakovka, 6.08.1976, leg. Zhirkov (1 spec.); Amur region, Zeya, 25–26.07.1978, leg. Kurbatov S.A. (1 spec.); the same data, 26.07.1978, leg. Belov V.V. (1 spec.); Amur area, Dichun near Radde, 9–21.08.1978, leg. Kurbatov S.A. (2 spec.); Primorye, Zeya reserve, 22.06.1978, leg. Belov V.V. (1 spec.); Primorye, 60 km W Partizansk, near Anisimovka, litter, 24.07.1988, leg. Kurbatov S.A. (1 spec.); Primorye, Lazovsky reserve, 18–20.06.2005, leg. Sundukov Yu., Shokhrin V. (1 spec.); the same data, 14–22.07.2005, leg. Sundukov Yu., Shokhrin V. (8 spec.); the same data, 2–4.10.2000, leg. Sundukov Yu. (2 spec.); the same data, 8–9.2006, leg. Shokhrin V., Sundukov Yu. (1 spec.); Primorye, Kedrovaya Pad reserve, litter, 22.09.1988, leg. Tishechkin A. (6 spec.); the same data, fungi, 21.09.1988, leg. Tishechkin A. (2 spec.); Amur region, Selemjinsky area, Norsky reserve, Burunda river, 25.09.2004, leg. Ryvkin A.B. (1 spec.); Kuril Islands, Kunasiri, near Golovnino, 20.07.1973, leg. Kerzhner I.M. (1 spec.); the same data, Alechino, 14.06.1973, leg. Kerzhner I.M. (1 spec.); Kuril Islands, Kunasiri, NW shore, 200 m S from Zalivnoi Ck mouth, seashore pebbles, 27.08.1997, leg. Marusik Yu.M. (2 spec.); Kunasiri, W part of Yu.-Kurilsk, dry, decaying grass, 7.09.1997, leg. Marusik Yu.M. (3 spec.); Kunasiri, Tretjakovo, 28.07.1985, leg. Nikitsky N.B. (2 spec.); Kuril Islands, Shikotan, N coast of Krabovaya Bay, under freshly swept grass, 15.09.1997, leg. Marusik Yu. (1 spec.); Kunasiri, NW shore, Rudnoe vil., Severyanka river, under swept, dried and decaying grass, 25–27.08.1997, leg. Marusik Yu. (11 spec.); Sakhalin, Novoalexandrovsk, *Picea ajanensis*, 28.05.1973, leg. Kerzhner I.M. (1 spec.); Sakhalin, near Bykovo, Naiba river, 8–18.08.1991, leg. Gratchev V.G. (10 spec.); Sakhalin, S-Sakhalin, 16.07.2011, leg. Proschalykin (1 spec.); Kamtschatka, Petropavlovsk-Kamtschatsky area, Elisovo, 1–14.08.1990, leg. Saluk S. (2 spec.); **N Korea**: Pyongyang City (47 spec.); Ryanggang Province (4 spec.); North Hwanghae Province (181 spec.); North Pyongan Province (5 spec.); South Pyongan Province (7 spec.); Kangwon Province (5 spec.) [Lyubarsky, 1991]; **Myanmar**: Shan province, Namhsan, h=1600 m, 18–20.02.1996, leg. Kurbatov S. (1 spec.); Shan province, Hsipaw, h=600 m, litter, 22.02.1996, leg. Kurbatov S. (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — China: Beijing, Fujian, Gansu, Guandong, Guizhou, Hebei, Heilongjiang, Hubei, Inner Mongolia, Sichuan, Shaanxi, Shanghai, Shandong, Taiwan, Yunnan, Zhejiang; India: Kashmir, Sikkim, Manipur, Bengal, Uttar Pradesh; Nepal; Bhutan; Mongolia; Russian Far East; N Korea; new to Myanmar.

Atomaria linearis Stephens, 1830

MATERIAL. **Kazakhstan**: Atyrau Oblast, Zhylyoi District, Aqqtogai, 21.04.1984, leg. Bidashko F. (1 spec.); **Russia**: Primorye, Ussurijsky area, Kamenushka, 1.07.1980, leg. Ryvkin A.B. (1 spec.); Ussurijsky area, Bikin river, 25.05.1958, leg. Kabakov O.N. (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — China: Hebei, Heilongjiang; Kazakhstan; Russian Far East.

Atomaria longicornis C.G. Thomson, 1863

MATERIAL. **Russia**: Primorye, Ussurijsky area, Kamenushka, 28.06.1982, leg. Nikitsky N. (1 spec.); Amur region, Zeya reserve, 3.07.1978, leg. Kurbatov S. (1 spec.); Amur region, Dichun near Radde, 8.08.1978, leg. Belov V. (1 spec.).

DISTRIBUTION. Europe, Siberia, Far East. — Russian Far East; Japan; can be found in China.

Atomaria lucida Reitter, 1889

MATERIAL. **Russia**: Primorye, mouth of Razdolnaya river, 10.07.1983, leg. Lafer G. (5 spec.) [Lyubarsky, 1987].

DISTRIBUTION. Far East. — Russian Far East; Japan; can be found in China.

Atomaria marginata A.Fleischer, 1909

MATERIAL. **Kazakhstan**: Jambyl Province, Taraz (Aulie Ata); **Kyrgyzstan**: 3 km S Tyup, steppe, 3.06.1987, leg. Kurbatov S. (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Kazakhstan, Kyrgyzstan, Mongolia. — Can be found in China.

Atomaria mesomela Herbst, 1792

MATERIAL. **Mongolia**: Selengiysky aimak, Shamar, 3.07.1984, leg. Kuzmin S. (1 spec.) [Lyubarsky, 2008]; **Russia**: Amur region, Selemjinsky area, Norsky reserve, Burunda river, 17–21.09.2004, leg. Ryvkin A.B. (3 spec.); the same data, Nora river, Malzevskoe lake, 11.06.2005, leg. Ryvkin A.B., Veselova E.M. (1 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Palaearctic, Nearctic. — Mongolia; Russian Far East; can be found in China.

Atomaria mongolica C.Johnson, 1970

MATERIAL. **Mongolia**: Eikhin-Gol, 24.08.1981, Nentral aimak, SO von Sonon Bajancogt; Ordonhantol, Erdoni-Han, 80 km E ny-ra, 1–13.05.1979, leg. Peregi (1 spec.); **Russia**: Primorye, Lazovsky Reserve, 14–21.05.2009, leg. Kurbatov S.A. (1 spec.); Khabarovsk region, Bureinsky Reserve, 14.09.2006, Ryvkin A.B., Veselova E. (1 spec.); Amur region, Norsky Reserve, 18.08.2006, leg. Ryvkin A.B., Veselova E. (2 spec.); Amur Region, Dichun near Radde, 10.08.1978, leg. Kurbatov S.A. (1 spec.); Amur region, Zeya Reserve, 15.06.1978, leg. Kurbatov S.A. (1 spec.); Ussurijsky region, Kamenushka, 9.07.1979, leg. Mikhechev, Nikitsky N.B. (1 spec.); the same data, 22.06.1980 (1 spec.).

DISTRIBUTION. Europe, Siberia, Far East. — Mongolia; Russian Far East; can be found in China.

Atomaria morio Kolenati, 1846

MATERIAL. **Russia**: Amur region, Dychun near Radde, 9.08.1978, Belov V.V., Kurbatov S.A. (4 spec.); the same data, 23.07.1978, leg. Kurbatov S.A. (1 spec.); Khabarovsk Province, Bolshe-Khekhtsyrsky Reserve, h=400–450 m, 6–10.06.1990, leg. Schawaller W. (1 spec.); Amur region, Zeya, 23.07.1978, leg. Kurbatov S.A. (1 spec.); Khabarovsk region, Ust-Urgal, h=290–320 m, in fungi, litter, 4.08.2009, Ryvkin A.B. (1 spec.); Ussuriysky reserve, 20.07.1987, leg. Kurbatov S. (3 spec.); Tuva, Mongun-Taiginsky area, Shara-Kharagai tract, nest of *Ochotona pallasi*, 06–08.1978, leg. Suntsova N. (7 spec.); Tuva, mouth of Onochi river, nest of *Pyrrhocorax pyrrhocorax*, 28.05.1975, leg. Melnikova (1 spec.).

DISTRIBUTION. Europe, Siberia, Far East, Nearctic. — Russian Far East; can be found in China.

Atomaria nigrirostris Stephens, 1830

MATERIAL. **Uzbekistan**: Samarkand; Tashkent; **Mongolia**: Central aimak; **Russia**: Primorye, Ussurijskiy region, Kamenushka, 04.1989, leg. Nikitsky (17 spec.), the same data, 20.05.1984, leg. Nikitsky N.B. (3 spec.); the same data, 15–17.06.1984, leg. Nikitsky N.B. (2 spec.); Vladivostok, 12.06.1978, leg. Berlov (1 spec.); Kuril Islands, Kunasiri, Tretjakovo, 28.07.1985, leg. Nikitsky N.B. (1 spec.); Khabarovsk region, Verkhneburinsky area, Niman river, Bureinsky reserve, h=1040 m, leg. Ryvkin A.B. (1 spec.); Amur region, Selemjinsky area, Maltzevskaya Mt., 12.06.2005, leg. Veselova E.M., Ryvkin A.B. (1 spec.); Sakhalin, Anivsky area, 3–5 km O Novoalexandrovsk, 9.07.1989, leg. Basarukin (1 spec.); Amur region, Zeya, 26.07.1978 (1 spec.); Shkotovsky area, near Anisimovka, 30.05.1975 (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — Uzbekistan; Mongolia; Russian Far East; can be found in China.

Atomaria nikitskyi C.Johnson, 2007

MATERIAL. **China:** C Sichuan, Wolong Reserve, h=500–1700 m, 15–24.05.1994, leg. S.A. Kurbatov (1 spec.) [Lyubarsky, 1995]; **Uzbekistan:** Tashkent, on the wall, 10.04.1920, leg. Ivanov I.I. (1 spec.); **Russia:** Primorye, Vladivostok (1 spec.).

DISTRIBUTION. E. Palaearctic. — China: Beijing, C Sichuan; Uzbekistan; Mongolia; Russian Far East.

Atomaria obliqua C.Johnson, 1971

MATERIAL. **China:** Sichuan, Mt. Emey, litter under stones, h=1400–1800 m, 21–28.09.1994, leg. Kurbatov S.A. (8 spec.); Sichuan, Wolong reserve, h=500–1700 m, 15–24.05.1994, leg. Kurbatov S.A. (1 spec.) [Lyubarsky, 1995]; Anhui, Mt. Jiuchua, h=700–1200 m, 16–19.05.1998, leg. Kurbatov S.A. (13 spec.); Sichuan, env. Xichang, h=1600 m, 26–28.07.1996, leg. Kurbatov S. (1 spec.); E. Hubei, Shennongjia Nature Reserve, env. Macheng, Longsheng, 500 m, litter, 29.05.1995, leg. Kurbatov S. (5 spec.); **Nepal:** Taplejung distr., above Yamputhin, left bank of Kabeli, Khola, bushes, open forest, h=1800–2000 m, 27–29.04.1988, leg. Martens J., Schawaller W. (1 spec.); Kaski distr., above Pothana, h=2000 m, 27–29.04.1995, leg. Martens J., Schawaller W. (1 spec.); Panchthar distr., Paniporua, h=2300 m, mixed broadleaved forest, 16–20.04.1988, leg. Martens J., Schawaller W. (11 spec.); Taplejung Distr., Omje Kharka NW Yamputhin, mature mixed broadleaved forest, 2300–2500 m, 1–6.05.1988, leg. Martens J., Schawaller W. (1 spec.); Taplejung Distr., Yamputhin, ascent to Pass Deorali, 2100–2600 m, cultivated land, bushes, 16.05.1988, leg. Martens J., Schawaller W. (1 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988, leg. Martens J., Schawaller W. (4 spec.); Ilam Distr., Mai Pokhari, Gitang Khola Valley, 2500–2600 m, 28–31.03.1980, leg. Martens J., Schawaller W. (1 spec.); Ilam Distr., Mai Pokhari, cultivated land, 2100–2200 m, 25–27.03.1980, leg. Martens J., Ausobsky (2 spec.); Kaski Distr., above Pothana, 2000 m, 27–29.04.1995, leg. Martens J., Schawaller W. (5 spec.); Kathmandu Valley, Nagarjung, Jamacok, 1900–2100 m, secondary forest, 18.08.1983, leg. Martens J., Schawaller W. (1 spec.); Kathmandu Valley, Nagarjung, Jamacok, 1400–1600 m, secondary forest, 18.08.1983, leg. Martens J., Schawaller W. (1 spec.); Surkhet Distr., N Surkhet, 1600–2000 m, 28.05.1998, leg. Schawaller W. (2 spec.) [Lyubarsky, 1999]; **Myanmar:** Prov. Shan Namhsan, h=1600 m, 18–20.02.1996, leg. Kurbatov S. (1 spec.).

DISTRIBUTION. SE Palaearctic, Oriental Region. — China: Fujian, new to Hubei, Jiangsu, Sichuan, Taiwan, Yunnan, Zhejiang; India: Sikkim, Uttar Pradesh; Nepal; new to Myanmar.

Atomaria obscura C.Johnson, 1970

DISTRIBUTION. China: Heilongjiang; Mongolia.

Atomaria peltata Kraatz, 1853

MATERIAL. **China:** Xinjiang, Tian-Shan Mts., Narat ridge, N slope, Zhasyl-Kol river, Tsanma river bass., h=1900 m, *Picea schrenkiana* litter and dry grass, 26.06.2001, leg. Saluk S. (1 spec.); **Kazakhstan:** Dzhungarian Alatau, Sandyktas, Mynteke river, 08.1991, leg. Tishechkin A.K. (3 spec.); Dzhungarian Alatau, Jumak Mt., left bank of Kokmoin river, spruce, litter, h=1800 m, 4.08.1991, leg. Tishechkin A. (2 spec.); Syr-Darya river, Kyzylorda (Perovsk), 25.05.1905, leg. Sumakov (2 spec.); **Kyrgyzstan:** near Przhevalsk, Kashka-Suu (Alamudun District), 28.08.1987, leg. Kurbatov S.A. (1 spec.); near Przhevalsk, Issyk-Kul, 06.1942, leg. Lyubitshev A.A. (2 spec.); **Mongolia:** Uus aimak, am Fluss Chondlogol, 32 km NW von Stadt Ilangom (1 spec.); Archangaj aimak, Koschoo zaidam, am Chogschin-Orchon, 35 km N von Somon Lun (1 spec.); Bajanj-Olgij aimak, am Pass Schine davaa, 27 km S von Somon Cagannuur (1 spec.); Central aimak, SO von Somon, Bajancogt, 12 km SO von Ulan-Baator, SO Somon Bajanco (1 spec.); **Russia:** Primorye, Amur region, Zeya, 16.06.1978, leg. Belov V.V., Kurbatov S.A. (1 spec.); Amur region, Dichun near Radde, 2.08.1978, leg. Belov V. (1 spec.); Ussurijskiy region, Kamenushka, 12.06.1979, leg. Mikhechev, Nikitsky (1 spec.).

DISTRIBUTION. Europe, Caucasus, C Asia, Siberia, Far East. — China: Xinjiang; Kazakhstan; Uzbekistan; new to **Kyrgyzstan**; Mongolia; Russian Far East.

Atomaria peltatula Reitter, 1888

MATERIAL. **China:** NW, Tian-Shan Mts., Khaluktau ridge, upper Kuqa river, 3 km Dalongchi, *Picea schrenkiana* litter, 9.06.2001, leg. Saluk S. (1 spec.); Tian-Shan Mts., Narat ridge, N slope, Zhasyl-Kol river, Tsanma river bass., h=1900 m, *Picea schrenkiana* litter and dry grass, 26.06.2001, leg. Saluk S. (1 spec.); **Russia:** Primorye, Khabarovsk region, Bureinsky reserve, Levaya Burea river, h=615 m, in fungi, 25.08.2010, leg. Ryvkin A.B. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, 21.07.2005, leg. Ryvkin A.B., Veselova E.M. (1 spec.); Zeya reserve, 15.06.1978, leg. Belov V.V., Kurbatov S.A. (1 spec.).

DISTRIBUTION. Siberia, Far East. — New to **China:** Xinjiang; Mongolia; Russian Far East.

Atomaria pilifera Reitter, 1877

DISTRIBUTION. China: Shanghai; Japan.

Atomaria plecta Lyubarsky, 1995

MATERIAL. **China:** Shaanxi, Xian, Mt. Huashan, 100 km E Sian, h=500–1700 m, 8–11.05.1994, leg. Kurbatov S.A. (4 spec.) [Lyubarsky, 1995]; Sichuan, Wolong Nature Reserve, h=500–1700 m, 15–24.05.1994, leg. Kurbatov S. (1 spec.); **India:** Uttar Pradesh, Joshimat, Pulna, 2300 m, 4.VIII.1989, leg. A. Riedel [Lyubarsky, 1997a]; Kashmir, Tangmarg, Pir Panjal Mts., 2600 m, 21–25.05.1976, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999]; **Nepal:** Ilam distr., Mai Pokhari u. Ilam, h=1330 m, 1.04.1980, leg. Martens, Ausobsky (1 spec.); Manang Distr., Marsyandi, above Bagarchap, *Acer-Quercus* forest, 2200 m, 12–13.04.1980, leg. Martens, Ausobsky (9 spec.); Taplejung Distr., Omje Kharka, NW Yamputhin, mature mixed broadleaved forest, 2300–2500 m, 1–6.05.1988, leg. Martens, Schawaller (2 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988 leg. Martens & Schawaller (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. SE Palaearctic. — China: Shaanxi, new to **Sichuan**; India: Himachal Pradesh, Kashmir, Uttar Pradesh; Nepal.

Atomaria plicatoides C. Johnson, 1970

MATERIAL. **Mongolia:** Chovsgol aimak, Fluss Delgermoron; **Russia:** Primorye, Khabarovsk region, SE Boitsovo, 12 km NE Bikin, h= 250–350 m, 5–6.1990, leg. Schawaller W. (1 spec.); Khabarovsk region, Bureinsky reserve, 13.09.2006, leg. Ryvkin A.B. (1 spec.); the same data, 25.06.2011; Sakhalin, leg. Tamanuki; Amur region, Dichun near Radde, 7.08.1978, leg. Belov V. (2 spec.); 60 km W Partizansk, Anisimovka, litter, 24.07.1988, leg. Kurbatov S.A. (1 spec.); Bolshaya Svetlovodnaya river, 40 km above the mouth, 16.08.1976 (1 spec.); Khabarovsk region, Verchnebureinsky area, mouth Seregetka river, h=528 m, 8.09.2010, leg. Ryvkin A.B. (1 spec.); Amur region, Pokrovsk, 04.1872, leg. Chekanovsky (1 spec.); Amur region, Zeya Reserve, 8.07.1978, leg. Belov V. (1 spec.); Ussurijskiy reserve, 28.07.1987, leg. Kurbatov S.A. (1 spec.); Ussurijskiy region, Kamenushka, 13.06.1982, leg. Nikitsky N. (1 spec.).

DISTRIBUTION. Siberia, Far East. — Mongolia; Russian Far East; can be found in China.

Atomaria plicibasis Reitter, 1846

MATERIAL. **Russia:** Primorye, Khabarovsk region, Bureinsky reserve, litter under *Populus suaveolens* in deciduous forest, h=550 m, 19.06.2011, leg. Ryvkin A.B. (1 spec.); the same data, 25.06.2011; Lazovsky reserve, Petrova bay, 20.04.1996, leg. Sundukov Yu. (1 spec.).

DISTRIBUTION. Siberia, Far East. — Russian Far East; can be found in China.

Atomaria pudica C. Johnson, 1971

MATERIAL. **Nepal:** Ilam Distr. road from Ilam to Birtamode, Karpok, 1700 m, cultivated land with bushes, 2.04.1980, leg.

Martens J., Ausobsky (1 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remains, 9–10.04.1988, leg. Martens J., Schawaller W. (4 spec.); Dolakha Distr., SW Kalinchok Mt., 3100 m, 19–23.04.1995, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999]; **Myanmar**: env. Maymyo, h=700–900 m, 4–5.03.1996, leg. Kurbatov S. (1 spec.).

DISTRIBUTION. China: Fujian, Guandong, Hongkong, Taiwan; India: Sikkim, Bengal, Uttar Pradesh; Nepal; new to **Myanmar**.

Atomaria pulchra Erichson, 1846

MATERIAL. **Turkmenistan**: SW, env. of Kara-Kala, h=1700 m, 16.04.1993, leg. Kurbatov S. (2 spec.).

DISTRIBUTION. Europe, Caucasus, Afghanistan, new to **Turkmenistan**. — Can be found in China.

Atomaria punctatissima Reitter, 1877

MATERIAL. **China**: E Hubei, Shennongjia Nat. Reserve, env. Macheng, Longsheng, h=500 m, litter, 29.05.1995, leg. Kurbatov S. (1 spec.); **Russia**: Kamchatka, Esso, 3–7.08.1990, leg. Saluk S. (3 spec.) [Lyubarsky, 2008].

DISTRIBUTION. China: Hubei; Russian Far East; Japan.

Atomaria punctipennis Reitter, 1888

MATERIAL. **Russia**: Primorye, Amur region, Mazanovsky area, Selemja river, 12–30.08.2006, leg. Ryvkin A.B. (13 spec.); Khabarovsk (1 spec.).

DISTRIBUTION. Siberia, Far East. — China: Jilin, Woosung (near Shanghai); Russian Far East.

Atomaria pusilla Paykull, 1798

MATERIAL. **Kyrgyzstan**: Issyk-Kul region, Tup, litter under stones, 5.09.1981, leg. Kurbatov S.A. (1 spec.); **Tajikistan**: Hissar ridge, near Duschanbe, Kondara, h=1200 m, 10.06.1973, leg. Yanushev V. (3 spec.); the same data, 4.08.1969; Duschanbe, Varzob river, 26.10.1984, leg. Gratshev V.G. (1 spec.); Hissar Ridge, Varzob, 10.07.1932, coll. Fursov N.I. (2 spec.); **Uzbekistan**: Samarkand, 27.05.1940, coll. Fursov N.I. (1 spec.); **Russia**: Primorye, Ussurijsk area, Kamenushka, 4.07.1989, leg. Nikitsky N.B. (1 spec.); the same data, 27.06.1980, leg. Nikitsky N.B. (1 spec.); the same data, 15.06.1984, leg. Nikitsky N.B. (1 spec.); the same data, 30.06.1984, leg. Nikitsky N.B. (5 spec.); the same data, 21.05.1984, leg. Nikitsky N.B. (1 spec.); the same data, 26.06.1989, leg. Nikitsky N.B. (1 spec.); Amur region, Mazanovsky area, Selemja river, near Nora river, h=220 m, 12.08.2006, leg. Veselova E.M., Ryvkin A.B. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, Selemja river, 18.08.2006, leg. Ryvkin A.B., Veselova E.M. (1 spec.); Primorye, near Anisimovka, litter, 05.08.1977, leg. Moroz, Krivolutzkaya 91 spec.; Sakhalin, 15 km Bykovo, Naiba river, 15.08.1991, leg. Gratchev V.G. (1 spec.); Amur region, Birobidjansky area, Bastak reserve, h=170 m, 22.07.2011, leg. Ryvkin A.B. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, Nora river, Gryaschinskaya Mt., 25.08.2004, leg. Ryvkin A.B. (1 spec.); Amur region, Dichun near Radde, 15.08.1978, leg. Kurbatov S.A. (1 spec.); Russky Island, Rynda, 9–15.08.1978 (1 spec.); **Thailand**: Mae-HongSon prov., Pai, Mae Yen vill. env., h=560 m, 19.3633°N 98.4659°E, forest river, 15–24.12.2010, leg. Tomkovich K. (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic, Oriental. — Kazakhstan; Kyrgyzstan; Tajikistan; Uzbekistan; Mongolia; Russian Far East; new to **Thailand**; can be found in China.

Atomaria sodermanni Sjoberg, 1947

MATERIAL. **Tajikistan**: Ramit, Kholmri, *Acer* forest, 20.05.1986; **Russia**: Primorye, Ussurijsky area, Kamenushka, 27–28.05.1984, leg. Nikitsky N.B. (1 spec.); the same data, 02.06.1990, leg. Kurbatov S.A. (1 spec.); Amur region, Mazanovsky area, Selemja river, near Nora river, h=280 m, 11.08.2006, leg. Veselova E.M., Ryvkin A.B. (1 spec.); Amur region, Mazanovsky area, Selemja river, near Aldicon river, 5.09.2004, leg. Ryvkin A.B. (5 spec.); Amur region, Zeya, 10–11.06.1978, leg. Belov V.V., Kurbatov S.A. (1 spec.); Lazovsky reserve, 17–19.05.1996, leg. Sundukov Yu.

(1 spec.); the same data, 23–31.05.2009, leg. Kurbatov S.A. (1 spec.); Kamtschatka, near Petropavlovsk-Kamtschatsky, Elisovo, 1.08.1990, leg. Saluk S. (1 spec.); Amur region, Dichun near Radde, 15.08.1978, leg. Kurbatov S.A. (1 spec.); the same data, 13.08.1978, leg. Belov V.V. (1 spec.); Amur region, Selemjinsky area, Norsky reserve, 8.07.2005, leg. Ryvkin A.B., Veselova E.M. (1 spec.); Amur region, Selemjinsky area, Selemja river basin, Aldikon river, near Norsk, litter under *Salix*, 5.09.2004, leg. Ryvkin A.B. (1 spec.); Shkotovsky region, near Anisimovka, 21.08.1977, leg. Krivolutzkaya G.O. (1 spec.).

DISTRIBUTION. Europe, Siberia, Far East. — New to **Tajikistan**; Russian Far East; can be found in China.

Atomaria subangulata J. Sahlberg, 1926

MATERIAL. **Russia**: Primorye, Khabarovky region, Bureinsky reserve, Levaya Burea river, h=670 m, 2.07.2011, leg. Ryvkin A.B. (1 spec.); the same data, 25.06.2011; Ussuriysky region, Kamenushka, 12.05.1990, leg. Nikitsky N.B. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Siberia, Nearctic. — New to **Russian Far East**; can be found in China.

Atomaria subapicalis Reitter, 1888

MATERIAL. **Russia**: Kuril Islands, Shikotan, Krabozavodsk, 17.08.1973, leg. Kerzhner I. (1 spec.).

DISTRIBUTION. E Siberia, Far East. — Russian Far East; can be found in China.

Atomaria testacea Stephens, 1830

MATERIAL. **Kazakhstan**: Dzungarian Alatau, Tastau river, Arkanirgen river, leaf litter, h=1800 m, 10.08.1991, leg. Tishechkin A.K. (10 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — Kazakhstan, Mongolia; can be found in China.

Atomaria torrida C. Johnson, 1971

MATERIAL. **Nepal**: Panchthar distr., Paniporua, h=2300 m, mixed broadleaved forest, 16–20.04.1988, leg. Martens J., Schawaller W. (6 spec.); Ilam distr., Mai Pokhari, *Castanopsis* forest remains, h=2100–2200 m, *Castanopsis* forest, 9–10.04.1988, leg. Martens J., Schawaller W. (9 spec.); Ilam Distr., Mai Pokhari, 2150–2250 m, 23–25.08.1983, leg. Martens J., Daams (1 spec.); Panchthar Distr., Sankhua Sabha Distr., Arun Valley between Mure and Hurure, mixed broadleaved forest, 2050–2150 m, 9–17.06.1988, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. China: Taiwan; India: Sikkim, Bengal, Uttar Pradesh; Nepal; Japan.

Atomaria trapeziformis C. Johnson, 1970

MATERIAL. **Russia**: Tuva, Mongun-Taiginsky area, Shara-Kharagai, 06–08.1978, nest of Pallas's Pika (*Ochotona pallasi*), leg. Suntsova N. (20 spec.); Mongun-Taiginsky area, Shara-Kharagai, nest of *Alticola strelzowi*, 22.06.1978, leg. Suntsova N. (1 spec.).

DISTRIBUTION. E Siberia; Mongolia. — Can be found in China.

Atomaria tristis C. Johnson, 1971

MATERIAL. **India**: Himachal Pradesh, Simla Kufri, 16.07.1989, leg. Riedel A. (7 spec.); the same data, 16.04.1989, leg. Riedel A. (1 spec.) [Lyubarsky, 1997a].

DISTRIBUTION. China: Yunnan; India: Sikkim, Uttar Pradesh, Punjab, Himachal Pradesh; Nepal.

Atomaria turgida Erichson, 1846

MATERIAL. **China**: E Hubei, Shennongjia Nat. Res., env. Macheng, Longsheng, h=500 m, litter, 29.V.1995, leg. S. Kurbatov (4 spec.) [Lyubarsky, 1997b]; **Russia**: Primorye, Ussurijsky area, Kamenushka, 7.07.1982, leg. Nikitsky N.B. (1 spec.); the same data, 28.06.1984, leg. Lyubarsky G.Yu. (1 spec.); the same data, 8–

28.06.1984, leg. Nikitsky N.B. (11 spec.); the same data, 14.07.1984, leg. Nikitsky N.B. (1 spec.); the same data, 14.07.1984, leg. Churkin S. (1 spec.); the same data, 26.05.1990, leg. Nikitsky N.B. (2 spec.); Ussurijsky reserve, Lomasina Pad, 28.07.1982, leg. Nikitsky (1 spec.); Ussurijsky reserve, 14.06.1967, leg. Tikhomirova A. (1 spec.); the same data, 7–27.05.1967, leg. Tikhomirova A. (13 spec.); Amur region, Selemjinsky area, Norsky reserve, Nora river, h=250 m, 26.09.2008, leg. Veselova E.M., Ryvkin A.B. (1 spec.); Lasovsky reserve, Proselochnaya bay, 1–7.07.2006, leg. Sundukov Yu. (1 spec.); Lasovsky reserve, 23–31.05.2009, leg. Kurbatov S.A. (4 spec.); Sikhote-Alin, Sibichi, 14.06.1951 (7 spec.); Khabarovsk region, Verkhnebureinsky area, Ust-Urgal, 29.08.2009, leg. Ryvkin A.B. (1 spec.); Amur region, Dichun near Radde, 4–6.06.1980, leg. Belov V.V. (1 spec.); Ussuri river basin, Bikinsky area, Birscoe, 8.06.1958, leg. Kabakov O.N. (1 spec.); **N Korea** [Lyubarsky, 1991].

DISTRIBUTION. Europe, Caucasus, Siberia, Far East. — China: Hubei; Japan; Russian Far East; N Korea.

Atomaria umbrina Gyllenhal, 1827

MATERIAL. **Russia**: Primorye, Amur region, Zeya reserve, 7.07.1978, leg. Kurbatov S.A. (1 spec.); Amur region, Dichun near Radde, 4–6.06.1980, leg. Belov V.V. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Far East. — China: Heilongjiang; Russian Far East.

Atomaria vespertina Maklin, 1853

MATERIAL. **Nepal**: Panchthar Distr., Paniporua, 2300 m, mixed broadleaved forest, 16–20.04.1988, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999]; **Russia**: Primorye, Amur region, Dichun near Radde, 6–8.06.1980, leg. Belov V.V. (1 spec.); Zeya, 6.06.1978, leg. Kurbatov S.A. (1 spec.); Amur region, Selezja river, 30 km upstream Fevral'sk, 21.05.1983, leg. Cherezova (1 spec.); Sikhote-Alin Ridge, 15 km N Taiga camp, 23.06.1971, leg. Senchilina (1 spec.); Sikhote-Alin Ridge, upper river Yolzykhe, 26.06., leg. Formosov (1 spec.); Sikhote-Alin Ridge, Tordoki Mt., h=1400 m, 1.07, leg. Lafer G.Sh. (1 spec.); Khabarovsk region, Bureinsky reserve, Levaya Burea river basin, upstream mouth of Yganakh river, litter, 6.07.2011, leg. Ryvkin A.B. (1 spec.); the same data, h=750–850 m, 30.06.2011; the same data, h=650 m, 25.06.2011; Komsomolsk-na-Amure, 15.06.1937, coll. Fursov N. (1 spec.); Ussurijsky area, Kamenushka, 12.05.1990, leg. Nikitsky N.B. (1 spec.); Tuva, Mongun-Taiginsky area, Shara-Kharagai tract, 11.06.1977, nest of Pallas's Pika (*Ochotona pallasii*), leg. Suntsova N. (3 spec.); the same data, Semigorki tract, 4.04.1977 (1 spec.).

DISTRIBUTION. Palaearctic, Nearctic. — India: Uttar Pradesh; Nepal; Mongolia; Russian Far East; Japan; can be found in China.

Atomaria wollastoni Sharp, 1867

MATERIAL. **Russia**: Primorye, Amur region, Selemjinsk district, Norski reserve, Nore river down of Maltsevsky Cordon, moss and litter among *Carex* spp., cereals at lake bank, 10.06.2005, leg. Ryvkin A.B., Veselova E. (1 spec.); Ussuri district, Kamenushka, 23.06.1989, leg. Nikitsky N. (1 spec.); the same data, 23.06.1989; Lasovsky reserve, 16–19.07.2005, leg. Sundukov Yu., Shohrin V. (1 spec.).

DISTRIBUTION. Europe, Nearctic. — Russian Far East; can be found in China.

Atomaria zetterstedti (Zetterstedt, 1838)

MATERIAL. **Kazakhstan**: Dzungarian Alatau, Tastau river, Arkantirgen river, leaf litter, h=1800 m, 10.08.1991, leg. Tishechkin A.K. (1 spec.); **Uzbekistan**: Samarkand, 14.07.1940 (1 spec.); **Russia**: Primorye, Khabarovsk region, Okhotsky area, mouth Amka river, 7.08.1987, leg. Zherikhin V.V. (1 spec.); Amur region, Dichun near Radde, 10.08.1978, leg. Belov V.V. (1 spec.); Sikhote-Alin Ridge, Tutikhe, 7.07.1915, leg. Rym'sky-Korsakov (1 spec.); Sikhote-Alin Ridge, Sedanka, 25.05. 1915, leg. Rim'sky-Korsakov (2 spec.); Djigitovka river, Sikhote-Alin reserve, in tinger fungus, 21.06.1979, leg. Lafer G.Sh. (1 spec.).

DISTRIBUTION. Europe, Caucasus, Siberia. — Kazakhstan; Uzbekistan; Russian Far East; can be found in China.

Atomaroides Lyubarsky, 1989

Atomaroides ussurica Lyubarsky, 1987

MATERIAL. **China**: C Sichuan, Wolong Reserve, h=500–1700 m, 15–24.05.1994, leg. Kurbatov S.A. (2 spec.) [Lyubarsky, 1995]; **Russia**: Primorye, Ussurijsky area, Kamenushka, 6–7.1984, leg. Nikitsky N.B. (24 spec.); Lasovsky reserve, 3.06.2007, leg. Sundukov Yu. (1 spec.); Lasovsky reserve, 14–31.05.2009, leg. Kurbatov S.A. (8 spec.); Vladivostok, 12.06.1978, leg. Berlov (3 spec.); Markushevka, 30 km S of Spassk-Dalniy, 17.06.1990, leg. Kurbatov S.A. (1 spec.); Amur region, Dichun near Radde, 4–6.06.1980, leg. Belov V.V. (1 spec.).

DISTRIBUTION. China: C Sichuan; Russian Far East.

Curelius Casey, 1900

Curelius dilutus Reitter, 1883

MATERIAL. **Turkmenistan**: Ashgabat, 9–13.04.1984, leg. Mikhechev (2 spec.) [Lyubarsky, 2008]; **Uzbekistan**: Tashkent, 11.04.1985 (1 spec.); Samarkand, leg. Maly (1 spec.); Yangiul, 40 km WSW Tashkent, 13–16.04.1984, leg. Kurbatov S.A. (1 spec.); Abai, 30 km WNW Tashkent, 17.04.1984, leg. Kurbatov S.A. (5 spec.); **Tajikistan**: Hissar ridge, Kondara gorge, 16–21.06, leg. Yanushev V. (2 spec.); Panj, 7–8.1988, leg. Kolyada V. (2 spec.); Khatlon Province, Yavan, Goraz, 8.06, leg. Yanushev V. (1 spec.); Qurgonteppe Oblast, Kurgan-Tyube, saline land, 8.05.1964, leg. Valiachmedov (5 spec.); Hissar ridge, Kondara gorge, 4.08.1969, leg. Yanushev V. (2 spec.); Dushanbe, 5.07.1962, leg. Bogachev A. (3 spec.) [Lyubarsky, 2008].

DISTRIBUTION. Caucasus, C Asia. — Kazakhstan; Kyrgyzstan; Turkmenistan; Uzbekistan; Tajikistan; can be found in China.

Curelius japonicus Reitter, 1878

MATERIAL. **India**: Goa, Bendurdem, on light, 1–4.03.2009, leg. Tomkovich K. (2 spec.); **Nepal**: Dhading Distr., W Samari Banjyang/Topal Khola, 1000 m, forest remains, 23.VII.1983, leg. Martens J., Schawaller W. (1 spec.); Ilam Distr., N Mai Pokhari, Tai Gitang Khola, 2500–2600 m, 18–31.III.1980, leg. Martens J., Ausobsky (1 spec.); Ilam Distr., Mai Pokhari, 2100–2200 m, 25–27.III.1980, leg. Martens J., Ausobsky (1 spec.) [Lyubarsky, 1999]; **N Korea**: Pyongyang City (12 spec.); North Hwanghae Province (2 spec.) [Lyubarsky, 1991]; **Vietnam**: NNE Ho Chi Min, env. Cat Tien vill., 5–10.07.1995, leg. Napolov A. (12 spec.); Ha Noi, in light, 14–15.04.2009, leg. Lastukhin A. (25 spec.).

DISTRIBUTION. Palaearctic, Afrotropical, Nearctic, Neotropical, Oriental Region. — China: Beijing, Heilongjiang, Hongkong, Hubei, Jiangsu, Sichuan; India: Goa, Sikkim, Uttar Pradesh; Nepal; Bhutan; Japan; N Korea; Vietnam.

Ephistemus Stephens, 1829

Ephistemus globulus Paykull, 1798

MATERIAL. **Russia**: Primorye, near Vladivostok, near Sputnik, in rotten hay, 14.08.1988, leg. Kurbatov S.A. (2 spec.).

DISTRIBUTION. Palaearctic, Nearctic, Australian. — China: Heilongjiang; Kazakhstan; Mongolia; Russian Far East.

Ephistemus splendens Johnson, 1971

MATERIAL. **Nepal**: Sankhua Sabha Distr., Arun valley, Chichila, *Quercus* forest, bushes near village, 18–20.06.1988, leg. Martens J., Schawaller W. (2 spec.); Gorkha Distr., Darondi Khola, between Naya Sangu and Gorkha, 1200 m, 14.08.1983, leg. Martens J., Schawaller W. (1 spec.); Kathmandu valley, Mt. Sheopuri, *Quercus semecarpifolia* forest, 2100–2300 m, 25.06.1988, leg. Martens J., Schawaller W. (1 spec.) [Lyubarsky, 1999].

DISTRIBUTION. SE Palaearctic, Oriental. — China: Guandong, Yunnan; India: Sikkim, Uttar Pradesh; Nepal. Oriental Region: India: Manipur.

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