Guskova E.V.

A REVIEW OF THE LEAF-BEETLES (COLEOPTERA: CHRYSOMELIDAE) OF SUBFAMILIES ALTICINAE AND CASSIDINAE OF THE MONGOLIAN ALTAI.

Altai State University, Lenina 61, Barnaul, RU–656049, Russia, E-mail: guskovael@mail.ru

A check-list for the subfamilies Alticinae, Cassidinae is provided. Currently, 59 species of 16 genera of these subfamilies are known from the Mongolian Altai. Nine species of leaf-beetles, *Psylliodes macella* Weise, 1900, *Argopus nigratarsis* (Gebler, 1823), *Altica tamaricis* Schrank, 1785, *A. balassogloi* (Jacobson, 1892), *Longitarsus violentus* Weise, 1893, *Hispa atra* (Fabricius, 1775), *Cassida murraea* Linnaeus, 1767, *C. berolinensis* Suffrian, 1844 and *Hypocassida subferruginea* (Schrank, 1776) are new records for Bayan-Ulegei aimak, two species, *Chaetocnema sahlbergii* (Gyllenhal, 1827) and *Ch. mannerheimi* (Gyllenhal, 1827) are new for Hovd aimak and three species, *Crepidodera plutus* (Latreille, 1804), *Longitarsus luridus* (Scopoli, 1763) and *Cassida berolinensis* Suffrian, 1844 are new for Gobi-Altai aimak.

**Key words:** Coleoptera, Chrysomelidae, Alticinae, Cassidinae, Leaf-beetles, Mongolian Altai.

**INTRODUCTION**

Despite the relatively large number of publications devoted to the entomofauna of Mongolia, the data on the Mongolian Altai insects are extremely deficient. This is due to several reasons, primarily to the lack of materials and also to the complexity of certain groups identification. Our studies of the recent years carried out in the Mongolian Altai allowed to considerably supplement the data on the fauna of the Mongolian Altai and also of the entire Mongolia. This concerns certain groups of Lepidoptera: *Pterophoridae* (Ustjuzhanin & Kovtunovich, 2008), *Papilionoidea* (Yakovlev, 2011), *Zygaenidae* (Efetov et al., 2012), *Sphingidae* (Yakovlev et al., 2015). There was the only review on Coleoptera (Tyumaseva & Guskova, 2008). The West Mongolian Chrysomelidae were revised, the species new for science were discovered, a series of important Faunistic discoveries was given (Guskova, 2006; Mikhailov & Guskova, 2013a, 2013b). The present study provides a detailed overview of leaf beetles of the subfamilies Alticinae and Cassidinae in the Mongolian Altai fauna.

**MATERIALS AND METHODS**

The basic material for the current paper is based on personal collections of the author who participated in the complex botanical-zoological expeditions organized by the South Siberian Botanical Garden of the Altai State University in 2007, 2009 and 2010. Expeditions were performed in all the three aimaks which are covered by the Mongolian Altai: Bayan-Ulegei, Hovd and Gobi-Altai, including localities which have never been visited by entomologists.
The collection was performed with standard methods: manual collection and mowing with sweep net and at night using ultraviolet lights (light source-tube Philips TL 8W/05), poison-chloroform), bulbs, Philips-250 a Subaru-750 generator).

The research was mainly based on the materials collected by the author in different localities of the Mongolian Altai, on the collection of Elena V. Guskova (EGC), Barnaul, Russia and also partially on the materials from the following collections: National Museum of Natural History (USNM), Washington, USA; State Collection of Zoology (ZSMC) Germany, Munich; collection of Lev N. Medvedev (LMC), Moscow, Russia; Zoological Institute of Russian Academy of Sciences (ZIRAS), St Petersburg, Russia.

Fig. 1. Localities of collecting Chrysomelidae in the Mongolian Altai.
List of collecting localities (Fig. 1).

**BAYAN-ULEGÉJ AIMAK:** 1) **Elt-Gol** – middle stream of Elt-Gol river (Kara-Irtysh basin), 2,100–2,300 m, 48°07' N 90°11' E; 2) **Tsengel** – Kobdo-gol Valley, 20 km SW Tsengel, 1,900–2,200 m, 48°49' N 88°59' E; 3) **Bulgan (upper)** – Bulgan-gol Valley, 10 km N. Bulgan (upper), 2,000 m, 47°11' N 90°47' E; 4) **Altai (BU)** – 10 km N Altai vill., 2,000 m, 46°53' N 90°06' E; 5) **middle Bulgan-gol** – middle stream of Bulgan-gol river, 1,800 m, 46°44' N 91°18' E; 6) **Turgen-Gol**, 2,300–2,250 m, 50°10' N 91°26' E; 7) **Bayan-Ulegei** – near Bayan-Ulegei, 2,100 m, 48°58' N 89°58' E; 8) **Buyant** – 20 km N Buyant somon, 1,950 m, 48°35' N 89°33' E.

**HOVD AIMAK:** 9) **Bulgan** – Dzhungarian Gobi desert, Kobdoskii aimak, 15 km S Bulgan, 1,100 m, 45°59' N 91°31' E; 10) **Bulgan-Gol Valley** – Bulgan-Gol Valley, 45 km N of Bulgan, 1,500 m, 46°33' N 91°22' E; 11) **Dod-Naryin-gol** – 40 km N Bulgan vill., Bulgan-gol basin, middle stream of Dod-Naryin-gol river, Shara-Nuruu Mts., 1,400–1,700 m, 46°29' N 91°29' E; 12) **Darkhijn-Shurag-Gol** – under stream of Darkhijn-Shurag-Gol riv., 1,400 m, 48°18' N 91°18' E; 13) **Barangijn-Shara-Nuruu** – Dzhungarian Gobi desert, Barangijn-Shara-Nuruu Mts., 15 km S of Bulgan somon, 1,300 m, 45°53' N 91°19' E; 14) **Ashchantyn-Nuruu** – Bulgan-gol basin, Ashchantyn-Nuruu Mts., Bulgan-gol basin, middle stream of Ulyastain-Sala river, 1,700–2,300 m, 46°19' N 90°07' E; 15) **30 km SW Uench** – Uenchin-gol, 30 km SW Uench, 1,100 m, 45°53' N 91°40' E; 16) **Uench** – 30 km SE of Uench vill., 1,100 m, 45°52' N 91°44' E; 17) **2 km N Uench** – Uenchin-Gol river, 2 km N Somon Uench, 1,450 m, 46°07' N 92°03' E; 18) **Uenchin-Gol** – Uenchin-Gol Valley, 50 km N of Uench vill., 1,500 m, 46°23' N 92°10' E; 19) **Hundijn-Gol** – Bodonchijn-Gol basin, Hundijn-Gol river Valley, 1,600 m, 46°06' N 92°30' E; 20) **Elkhony-Ekhen-Tal** – 30 km S Altai somon, Bodonchijn-Gol river valley (under stream), Elkhony-Ekhen-Tal place, 1,200 m, 45°43' N 92°05' E; 21) **Altai (H)** – 20 km SE Altai, 45°39' N 92°23' E; 22) **Hara-Us-Nur lake**, 47°46' N 92°03' E; 23) **30 km S Uench** – r. Uench-Gol, 30 km S. Uench, 1,700 m, 45°42' N 91°57' E; 24) **Altan-Obo** – Bartag-Bogdo Range, Altan-Obo, 1,900–2,200 m, 45°13' N 90°56' E; 25) **Tachtoï-Ula** – Bartag-Bogdo Range, Mt. Tachtoï-Ula, 1,800–2,200 m, 45°16' N 90°55' E; 26) **Baruu-Khargaityn-Gol** – Bjatag-Bogd-Uul Mts., Bariun-Khargaity-Gol river Valley, 1,900–2,000 m, 45°16'N; 90°57'E; 27) **Gushhoot-Shineetijn-Gol** – Bjatag-Bogd-Uul Mts., Gushhoot-Shineetijn-Gol river Valley, 2,000 m, 45°15'N; 91°03'E; 28) **Barlagiin-Gol** – Barlagiin-Gol river, 65km E Altai, 1,700 m, 45°48' N 93°02' E; 29) **Khoit-Dalaj-Nuur lake**, 1,150–1,200 m, 48°08' N 92°45' E; 30) **Elkhon** – 20 km NE Altai, Elkhon vic., 45°58' N 92°27' E; 31) **Jarantaj** – Bulgan-Gol river, 10 km E Jarantaj, 46°14' N 91°00' E;

**GOBI-ALTAY AIMAK:** 32) **Dariv** – Great Lakes Valley, near Dariv, 1,450 m, 46°27'N; 94°07'E; 33) **Hara-Adzragyn-Nuru** – Hara-Adzragyn-Nuru Mts., Najtvaryn-Sajr river valley (under stream), 1,700–2,000 m, 45°52' N 95°30' E; 34) **Alag-Nuur** – Dzhungarian Gobi, Alag-Nuur lake, (near Ajlyn-Tsagan-Khuduk), 1,300 m, 45°09' N 94°30' E; 35) **Bidzh-Altay** – 30 km NW Bidzh-Altay, 2,220-2,300 m,
RESULTS

An annotated list of the Chrysomelidae (Alticinae, Cassidinae) fauna of the Mongolian Altai

In the present paper we give an annotated list of Chrysomelidae belonging to four subfamilies Alticinae and Cassidinae from the Mongolian Altai. To compile the list we resorted to the literary data of other researchers.

ALTICINAE Newman, 1835

PHYLLOTRETA Chevrolat, 1836

Ph. atra (Fabricius, 1775)

Distribution: Europe, Kazakhstan, Siberia, Sakhalin, Japan, China. Mongolia (Hovd, Gobi-Altai, Bayankhongor).


Ph. cruciferae (Goeze, 1777)

Distribution: Europe except for Fennoscandia, Caucasus, Transcaucasia, Turkey, Near and Middle East, Central Asia, India, N Africa, introduced in N America. Mongolia (Hovd, Gobi-Altai, Bayankhongor).

Ph. erysimi Weise, 1900

Distribution: SE Europe, Ukraine, S European Russia, Caucasus, Turkey, Middle East, Central Asia. Mongolia (Hovd, Gobi-Altai, Bayankhongor, Uverhang, South Gobi).

**Ph. mongolica** L. Medvedev, 1980
**Distribution:** Mongolia (Gobi-Altai).

**Ph. pallidipennis** Reitter, 1891
**Distribution:** S Ukraine, SE European Russia, Ciscaucasia, Dagestan, Turkey, Central Asia, Afghanistan, Iran, SW Siberia, Altai, Baikal Area, Transbaikalia, NE China, Mongolia.
**Material:** Altai, 19.08.1973 (LMC); Elkhon, 27.7.1970 (LMC); Delger, 11.07.1970 (Kerzhner) (LMC).

**Ph. praticola** Weise, 1887
**Distribution:** SE European Russia, S Ural, Ciscaucasia, Turkey, Central Asia, Afghanistan, Iran, SW Siberia, Altai, NW China, India. Mongolia (Hovd, Gobi-Altai).

**Ph. scheuchi** Heikertinger, 1941
**Distribution:** England, Spin, southern parts of Central Europe, S Ukraine. Mongolia (Hovd).
**Material:** Tachtoi-Ula, 1-3.08.1976 (LMC).

**Ph. tomboi** Lopatin, 1967
**Distribution:** Mongolia.

**Ph. undulata** Kutschera, 1860
**Distribution:** Europe, Kazakhstan, Siberia, Japan, Sakhalin, China. Mongolia (Hovd, Bulgan, Selenge).


*Ph. vittula* (L. Redtenbach, 1849)

**Distribution:** Europe Caucasus, Transcaucasia, Turkey, Central Asia, Afghanistan, Siberia, Far East, Korea, China. Mongolia (Hovd, Bulgan).

*APHTONA* Chevolat, 1836
*A. czwalinai* Weise, 1888

**Distribution:** Europe except for N, Kazakhstan, Kirghizstan, W Siberia, Tuva. Mongolia (Hovd).

**Material:** Uenchin-Gol, 6.07.2007 (E.V. Guskova & R.V. Yakovlev) (EGC).

*A. jakuta* Ogloblin, 1927

**Distribution:** Evenkia, Yakutia, middle and upper Lena Valley, Cisbaikalia, Magadan Distr., Far East. Mongolia.

*A. tolli* Ogloblin, 1927

**Distribution:** N Kazakhstan, Transbaikalia, Yakutia, Amurland, China, Mongolia.

*LONGITARSUS* Latreille, 1829
*L. ballotae* Marscham, 1802

**Distribution:** Europe except for N, Ciscaucasia, Caucasus, Transcaucasia, Turkey, Near and Middle East, S Kazakhstan, N Africa. Mongolia (Gobi-Altai).

*L. ganglbaueri* Heikertinger, 1912
Distribution: Europe except for N, Caucasus, Transcaucasia, Turkey, Transbaikalia, Sakhalin, introduced to N America. Mongolia (Hovd, Gobi-Altai, Uverhang, Arkhangai).

*L. jacobaeae* (G.R. Waterhouse, 1858)

Distribution: Europe, Caucasus, Transcaucasia, Kazakhstan, Kirghizstan, China (Tibet), Asian Russia (all over Siberia except for N). Mongolia (Hovd, Gobi-Altai, Selenge, Central).

*L. luridus* (Scopoli, 1763)

Distribution: All over Palearctic except for Central Asia and Far East, introduced to N America. Mongolia (Hovd, Gobi-Altai (new record), Ubsunur, Zavhan, Khubsugul, Arkhangai, Bulgan, Selenge, Eastern, Central).


*L. scutellaris* (Mulsant & Rey, 1874)

Distribution: Europe except for extreme N, Caucasus, Transcaucasia, Turkey. Mongolia (Hovd, Ubsunur, Khubsugul, Arkhangai, Bulgan, Selenge, Central, Hentiysky).

Material: Khoit-Dalaj-Nuur, 6.08.1975 (LMC).

*L. suturellus* (Duftschmidt, 1825)

Distribution: All over Palearctic except for Mediterranean. Mongolia (Hovd).

*L. tabidus* (Fabricius, 1775)

Distribution: Europe, Kazakhstan, Middle Asia, W Siberia, N Africa. Mongolia (Hovd, Bulgan, Central, Bayankhongor, Uverhang, South Gobi).

*L. violentus* Weise, 1893

**Distribution:** SE European Russia, Caucasus, Transcaucasia, Turkey, Middle East, Kazakhstan, Central Asia, S and Middle Siberia, Transbaikalia, Tuva, Yakutia, Beringia. Widespread in the Mongolia (Bayan-Ulegei (new record)).


**ALTICA** Geoffroy, 1762

*A. balassogloi* (Jacobson, 1892)


**Distribution:** Afghanistan, Pakistan, Kazakhstan, Kirghizstan. Mongolia (Bayan-Ulegei (new record), Hovd, Gobi-Altai).


*A. deserticola* (J. Weise, 1889)


**Distribution:** SE European, SW Kazakhstan, Transcaucasia, Turkey, Afghanistan, N and NW China, Taiwan. Mongolia (Ubsunur, Khubsugul, Hovd, Gobi-Altai, Bayankhongor).

**Material:** Alag-Nuur, 9-10.07.2010 (*E.V. Guskova & R.V. Yakovlev*) (EGC); Alag-Nuur, 1-2.06.2011 (*R. Yakovlev*) (EGC); Khalba, 3-4.06.2011 (*R. Yakovlev*) (EGC); Elkhony-Ekhen-Tal, 7.06.2011 (*R. Yakovlev*) (EGC); Arshantyn-Nuruu, 9-10.06.2011 (*R. Yakovlev*) (EGC).

*A. sajanica* (Csiki, 1901)


**Distribution:** S Middle Siberia, Transbaikalia, Amurland. Widespread in the Mongolia.

*A. tamaricis* Schrank, 1785


**Distribution:** Europe except for N, Caucasus, Transcaucasia, Turkey, Middle East, Kazakhstan, Uzbekistan, S Siberia, Transbaikalia. Mongolia (Bayan-Ulegui (new record), Hovd).


**NEOCREPIDODERA** Heikertinger, 1911

*(Asiorestia* Jacobson, 1925; *Crepidodera* auct. non Chevrolat in Dejean, 1836)

*N. sublaevis* (Motschulsky, 1859)


**Distribution:** Kazakhstan, Afghanistan, N Tajikistan, Middle and Siberia to Far East. Mongolia (S Hovd, Gobi-Altai).


**CREPIDODERA** Chevrolat, 1836

*(Chalcoides* Foudras, 1861)

*Cr. plutus* (Latreille, 1804)


**Distribution:** Europe except for N, Caucasus, Turkey, Iran, Kazakhstan, Kirghizstan, Tajikistan, Siberia to Far East, Sakhalin, Kuriles Isles, N China, Korea, Japan. Mongolia (Hovd, Gobi-Altai (new record), Ubsunur, Bulgan, Selenge, Central, Hentiysky, Eastern, Bayankhongor, Uverhang).

**Material:** Tachtoi-Ula, 1-3.08.1976 (LMC); Mogoijn-Gol, 11.07.2009 (*E.V. Guskova & R.V. Yakovlev*) (EGC).
EPITRIX Foudras, 1861
E. abeillei (Bauduer, 1874)
**Distribution:** Turkey, Middle and Near East, Kazakhstan, Uzbekistan, NE China, N Africa. Mongolia (Hovd, Gobi-Altai, Bayankhongor, South Gobi).
**Material:** Alag-Nuur, 1-2.06.2011 (R.V. Yakovlev) (EGC).

CHAETOCNEMA Stephens, 1831
Chaetocnema (Tlanoma) Motschulsky, 1845
Ch. (Tlanoma) breviscula (Faldermann, 1837)
**Distribution:** Europe, Caucasus, Middle Asia, southern parts of W Siberia, Mongolia (Bulgan, Central, Suhe Bator, Eastern, Hovd, Gobi-Altai, Bayankhongor).
**Material:** Sharga, 1.09.1977 (G. Molnar) (USNM).

Ch. (Tlanoma) concinna Marsham, 1802
**Distribution:** All over Palaearctic. Mongolia (Hovd (new record), Arkhangai, Bulgan, Selenge, Eastern, Suhe Bator).

Ch. (Tlanoma) nebulosa Weise, 1886
**Distribution:** southern parts of Europe, Kazakhstan, Middle Asia. Southern parts of Mongolia.

Ch. (Chaetocnema) costulata (Motschulsky, 1860)
**Distribution:** Afghanistan, Tuva, Sayan, Cisbaikalia, Transbaikalia, Buryatia, Yakutia, Amurland, Maritime Prov., Beringia, Kamchatka, Sakhalin, China. Widespread in the Mongolia.

**Ch. (Chaetocnema) grandis** Pic, 1909  
**Distribution:** Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Turkmenistan, Uzbekistan. Mongolia (Gobi-Altai, Hovd).  
**Material:** Urd-Bulak, 12.08.1976 (ZSMC); 30 km S Uench, 29-31.07.1975 (ZSMC); 2 km N Uench, 7.07.1966 (Dr. Z. Kaszab) (USNM).

**Ch. (Chaetocnema) hortensis** (Geoffroy, 1785)  
**Distribution:** Europe, Kazakhstan, Siberia, Sakhalin, Japan, China, N. Africa. Widespread in the Mongolia.  
**Material:** Dariv, 23.07.2010 (E.V. Guskova & R.V. Yakovlev) (EGC).

**Ch. (Chaetocnema) obesa** (Boieldieu, 1859)  
**Distribution:** Europe except for N, Caucasus, Turkey, Iraq, Kazakhstan, Altai, China. Mongolia (Hovd).  
**Material:** Jarantaj, 18.05.1974 (Dr. R. Piechocki) (USNM).

**Ch. (Chaetocnema) sahbergii** (Gyllenhal, 1827)  
**Distribution:** Europe, Siberia, Amurland, Kamchatka. Mongolia (Bayan-Ulegei, Hovd (new record), Zavhan, Arkhangai, Central).  
**Material:** Dariv, 23.07.2010 (E.V. Guskova & R.V. Yakovlev) (EGC); Jarantaj, 25.05.1975 (Dr. R. Piechocki) (USNM); 30 km SW Uench, 4.07.1976 (Medvedev & Voronova) (LMC); Arshantyn-Nuruu, 19-20.06.2005 (R. Yakovlev & D. Ryzhkov) (EGC); Hundijn-Gol, 21.06.2005 (R. Yakovlev & D. Ryzhkov) (EGC); Barangijn-Shara-Nuruu, 11.07.2007 (E.V. Guskova & R.V. Yakovlev) (EGC).  

**Ch. (Chaetocnema) mannerheimi** (Gyllenhal, 1827)  
**Distribution:** Europe, Siberia, Kazakhstan. Mongolia (Hovd (new record), Eastern).  
Ch. (Chactocnema) splendens (Motschulsky, 1845)
Medvedev & Dubeshko, 1974: 194; Warchalowski 1974: 58; Medvedev & Voronova,
**Distribution:** Cisbaikalia, Transbaikalia, Buryatia, Ussuri Area, Amurland, N
China. Widespread in the Mongolia.

**Material:** Bulgan, 29.07.1970 (Kerzhner) (LMC); Barlagiin-Gol, 5.07.1976
(Medvedev & Voronova) (LMC); Barangijn-Shara-Nuruu, 11.07.2007 (E.V. Guskova &
R.V. Yakovlev) (EGC); Bulgan-Gol Valley, 12.07.2007 (E.V. Guskova & R.V. Yakovlev)
(EGC); Arshantyn-Nuruu, 12.07.2007 (E.V. Guskova & R.V. Yakovlev) (EGC); Bulgan
(E.V. Guskova & R.V. Yakovlev) (EGC); Mogoijn-Gol, 8.07.2010 (E.V. Guskova & R.V.
Yakovlev) (EGC); Dariv, 23.07.2010 (E.V. Guskova & R.V. Yakovlev) (EGC); Tsengel, 25-

**LYTHRARIA** Bedel, 1897
*L. salicariae* (Paykull, 1800)
Medvedev & Voronova, 1977a: 341; Medvedev & Zaitzev, 1978: 144; Medvedev,
**Distribution:** Europe, W Siberia. Mongolia (Hovd).

**ARGOPUS** Fischer von Waldheim, 1824
*A. nigritarsis* (Gebler, 1823)
**Distribution:** E Europe, Middle Asia, W Siberia, Sayan, Korea, Japan. Mongolia
(Bayan-Ulegei (new record), Hovd, Selenge, Eastern).
**Material:** Altai (BU), 8.07.2005 (R. Yakovlev & D. Ryzhkov) (EGC); Bulgan

**PSYLLIODES** Latreille, 1829
*Ps. saucyi* Allard, 1867
≡*Ps. atriplicis* Jacobson, 1922
**Distribution:** SE Ukraine, S European Russia, N Caucasus, Near and Middle
East, Kazakhstan, N Africa. Mongolia (Hovd).

*Ps. cucullata* (Illiger, 1807)
228; Medvedev & Dubeshko, 1974: 194; Warchalowski, 1974: 58; Medvedev &

**Distribution:** Europe, Kazakhstan, Siberia, Sakhalin, Japan, China, N Africa, Mongolia.

**Material:** Barlagin-Gol, 5.08.1976 (*Medvedev & Voronova*) (LMC).

*Ps. macella* Weise, 1900

**Distribution:** E Kazakhstan, S Siberia from Krasnoyarsk Distr. to Buryatia and Dauria. Widespread in the Mongolia (Bayan-Ulegei (new record).


*Ps. reitteri parallela* Weise, 1890

**Distribution:** SE European Russia, Kazakhstan, Central Asia, S Siberia, Amurland, Maritime Prov., China. Mongolia (Ubsunur, Hovd, Gobi-Altai, Uverhang, Eastern).

**CASSIDINAE** Gyllenhal, 1813

**HISPAL** Linnaeus, 1767

*H. atra* Linnaeus, 1767

**Distribution:** Europe, Caucasus, Kazakhstan, Middle Asia, southern parts of Siberia. Mongolia (Bayan-Ulegei (new record), Hovd, Gobi-Altai).


**ACMENYCHUS** Weise, 1905

*A. inermis* (Zubkov, 1833)
**Distribution:** Kazakhstan, Central Asia, NE China. Mongolia (Hovd, Gobi-Altai, Bayankhongor).


**ISCHYRONOTA** Weise, 1891  
*Is. conicicollis* (Weise, 1890)


**Distribution:** Kazakhstan, Tajikistan, S Mongolia.

**Is. desertorum** (Gebler, 1833)


**Distribution:** Southern parts of E Europe, Kazakhstan, Central Asia, NW China. Mongolia (Hovd, Gobi-Altai, Bayankhongor, Uverhang, South Gobi, Eastern).

**Material:** Dariv, 23.07.2010 (*E.V. Guskova & R.V. Yakovlev*) (EGC).

**Is. schusteri** Spaeth, 1914


**Distribution:** S Kazakhstan, Turkmenistan, W China, Mongolia (Hovd, Gobi-Altai, Bayankhongor, Uverhang, South Gobi).

**CASSIDA** Linnaeus, 1758  
*C. undecimnotata* Gebler, 1841


**Distribution:** Middle East, Kazakhstan, Central Asia, Altai. Mongolia (Hovd).

**C. berolinensis** Suffrian, 1844


**Distribution:** SE Europe, Kazakhstan, S Siberia, Far East, N China. Widespread in the Mongolia (Bayan-Ulegei and Gobi-Altai (new record)).

*C. lineola* Creutzer, 1799

**Distribution**: southern parts of Europe and Siberia, Kazakhstan, Middle Asia, China, Japan. Widespread in the Mongolia.

*C. nebulosa* Linnaeus, 1758

**Distribution**: All over Palearctic except for Mediterranean, introduced to N America. Widespread in the Mongolia.

*C. rubiginosa* O. F. Müller, 1776

**Distribution**: Europe, W Siberia. Mongolia (Hovd, Selenge).

*C. nobilis* Linnaeus, 1758

**Distribution**: All over Palearctic except for extreme N and N Africa. W and N Mongolia.


*C. parvula* Boheman, 1854

**Distribution**: S and E Europe, Crimea, Ciscaucasia, Caucasus, Turkmenistan, Kazakhstan, Central Asia, S Siberia to Amurland. Mongolia (Ubsunur, Bulgan, Central, Hentiisky, Suhe Bator, Eastern, Hovd, Bayankhongorn, Uverhang).

*C. murracea* Linnaeus, 1767

**Distribution:** All over Palearctic except for Mediterranean, Central Asia and N Africa. Mongolia (Bayan-Ulegei (new record), Hovd, Zavhan, Arkhangai, Bulgan, Selenge, Central, Hentiysky).


*C. turcmenica* Weise, 1892

**Distribution:** Kazakhstan, Middle Asia. Mongolia (Hovd, Gobi-Altai, Bayankhongor, South Gobi).

**HYPOCASSIDA** J. Weise, 1893
*H. subferruginea* (Schrank, 1776)

**Distribution:** Europe, Kazakhstan, Middle Asia, southern parts of Siberia, Maritime Prov. Mongolia (Bayan-Ulegei (new record), Selenge, Central, Hovd, Bayankhongor).


**DISCUSSION**
Thus, during the study it was found that 44 Alticinae species belonging to 11 genera and 15 Cassidinae species belonging to 5 genera inhabit the territory of the Mongolian Altai. Considerable additions to the local faunas of aimaks have been revealed, in particular 9 species are reported as new for Bayan-Ulegei, 2 species for Hovd, 3 species – for Gobi-Altai. The further faunistic research of Coleoptera in West Mongolia seems to be very promising in terms of a detailed study of the taxa spreading, clarification of the local fauna composition in individual regions and clarification of the taxonomic affiliation of poorly revised families.

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