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Tiger beetles (Coleoptera: Cicindelidae) deposited in the Zoological Collection of the Institute of Zoology, Academy of Sciences of the Republic of Uzbekistan

Жуки-скакуны (Coleoptera: Cicindelidae) в зоологической коллекции Института зоологии АН Узбекистана

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Key words: Cicindelidae, museum, collection, Uzbekistan, Central Asia.

Ключевые слова: Cicindelidae, музей, коллекция, Узбекистан, Центральная Азия.

Abstract. Detailed information regarding species of tiger beetles (Coleoptera: Cicindelidae) preserved in the Entomological Collection of the Institute of Zoology of the Academy of Sciences of Uzbekistan is provided. The collection includes 13 species of this family: *Cicindela* (*Cicindela*) *clypeata* Fischer von Waldheim, 1821, *C.* (*C.*) *granulata* Gebler, 1843, *C.* (*C.*) *turkestanica* Ballion, 1871, *Calomera fischeri elongatosignata* (W. Horn, 1922), *C. littoralis conjunctaepustulata* (Dokhtouroff, 1887), *C. sturmi* (Ménétriés, 1832), *Cylindera* (*Cylindera*) *nox* (Semenov, 1897), *C.* (*C.*) *obliquefasciata* (M.F. Adams, 1817), *C.* (*Eugrapha*) *contorta* (Fischer von Waldheim, 1828), *C.* (*E.*) *litterifera* (Chaudoir, 1842), *Cephalota* (*Taenidia*) *deserticola* (Faldermann, 1836) and *Myriochila* (*Monelica*) *orientalis* (Dejean, 1825).

Резюме. В данной статье представлена информация о видах жуков-скакунов (Coleoptera: Cicindelidae), хранящихся в Энтомологической коллекции Института зоологии АН РУз. В коллекции представлены 13 видов этого семейства: *Cicindela* (*Cicindela*) *clypeata* Fischer von Waldheim, 1821, *C.* (*C.*) *granulata* Gebler, 1843, *C.* (*C.*) *turkestanica* Ballion, 1871, *Calomera fischeri elongatosignata* (W. Horn, 1922), *C. littoralis conjunctaepustulata* (Dokhtouroff, 1887), *C. sturmi* (Ménétriés, 1832), *Cylindera* (*Cylindera*) *nox* (Semenov, 1897), *C.* (*C.*) *obliquefasciata* (M.F. Adams, 1817), *C.* (*Eugrapha*) *contorta* (Fischer von Waldheim, 1828), *C.* (*E.*) *litterifera* (Chaudoir, 1842), *Cephalota* (*Taenidia*) *deserticola* (Faldermann, 1836) and *Myriochila* (*Monelica*) *orientalis* (Dejean, 1825). Приведены подробные сведения об экземплярах этих видов, хранящихся в коллекции.

Introduction

Cicindelidae or tiger beetles, are considered one of the most thoroughly studied insect families worldwide [Pearson, Vogler, 2001]. They inhabit a wide range of environments, from alpine and taiga (boreal) forests to tropical rainforests, and from desert regions to oceanic beaches. According to Wiesner, approximately 2,900 species of these beetles are known globally. In Central Asia, their distribution is as follows: Kazakhstan — 35 species, including 6 endemics; Kyrgyzstan — 15 species; Tajikistan — 17 species; Turkmenistan — 20 species; and Uzbekistan — 11 species [Pearson, Wiesner, 2022].

To date, more than 15,000 species of invertebrates have been recorded in the fauna of the Republic of Uzbekistan [Red Data Book, 2009], and current scientific research on Coleoptera continues to reveal new species for the fauna of Uzbekistan.

The studies aimed to examine the Coleoptera order in Central Asia and Uzbekistan have been conducted by V.V. Yakhontov [1953], M.S. Gilyarov M.S., Mamaev B.M. [1963], O.L. Kryzhanovsky [1965], Alimdjanov R.A., Bronstein C.G. [1956, 1966], A.G. Davletshina [1979], A. Dadamirzayev [1979], F.Z. Khalimov [2020], E.N. Abdullayev and D. Zakirova [2020]. Carabidologists F.Z. Khalimov and R.G. Rakhimdzhanov identified 49 species of ground beetles belonging to 31 genera and 16 tribes in the biocenoses of the Chakhaliqalon and Karatepa mountains of the Zarafshan range, and 57 species belonging to 28 genera and 15 tribes in the Hissar Nature Reserve [Khalimov, 2020; Khalimov, Rakhimdzhanov, 2022]. In the biocenoses of Lower Zarafshan, L.Kh. Alimova identified 43 species of ground beetles representing 9 subfamilies, 19 tribes, and 28 genera, including two species new to the fauna of Uzbekistan [Alimova, 2023].

Material and methods

While examining specimens of tiger beetles deposited in the Entomological Collection of the Academy of Sciences of the Republic of Uzbekistan, it was discovered that the collection also contains specimens brought from neighboring republics. In addition, scientific sources on ground beetles of the family Cicindelidae found in Central Asia [Kazenas, 2016;

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Rafi et al., 2010] were studied, as well as information from websites with scientific status. Based on these data, the similarities and differences between species found in our republic and neighboring republics were analyzed. The identification of species deposited in the zoological collection was revised based on consultations and recommendations on the taxonomy of representatives of this family provided by entomologist I.I. Kabak of the Russian Academy of Sciences during his visit to the Institute of Zoology in 2021. The extent of the areas where these species are found was determined using the Carabcat database and scientific sources [Rafi et al., 2010].

The Table 1: Dates and localities of tiger beetle specimens deposited in the Zoological Collection of the Institute of Zoology, Academy of Sciences of the Republic of Uzbekistan were collected is presented in the Appendix 1 (p. 8–15).

The present work is registered in ZooBank (www.zoobank.org) under urn:lsid:zoobank.org:pub:170ED293-BC08-4B35-82B0-9C117FB2F666

Results

Specimens of tiger beetles

Cicindelidae Latreille, 1802
Megacephalini Laporte, 1834
Megacephala Latreille, 1802
Megacephala (*Grammognatha*) *euphratica* Latreille et Dejean, 1822

Figs 1, 2.

Material. **Uzbekistan,** ***Bukhara region:*** Kyzylkum Desert, stationary (territory of the modern Bukhara Botanical Garden), 3.VII.1964, R.A. Alimjanov leg. — 1 spm; 04.V.1971, Alimjanov leg. — 1 spm.

Distribution. Afghanistan, Tajikistan, Turkmenistan, Kazakhstan, Kyrgyzstan, Uzbekistan [Carabcat, 2021].

Cicindelini Latreille, 1802
Cicindela Linnaeus, 1758
Cicindela (*Cicindela*) *clypeata* Fischer von Waldheim, 1821

Figs 3, 4.

Material. **Uzbekistan,** ***Samarkand region:*** Nurata District, 13.IV.1962 — 1 spm; Aerodrome, 25.III.1962 — 1 spm; ***Tashkent region:*** Mirzachul, 17 km W of the Ursatev (Khavast) railway station, 15.IV.1957 — 1 spm; Chilanzar district, 10.III.1962, 2 spms; ***Surkhandarya region:*** Beshkent district, 16.IV.1961 — 1 spm; ***Kashkadarya region:*** Kamashi district, 30.IV.1963 — 1 spm. **Turkmenistan,** ***Transcaspian area:*** Ashgabat, 13.X.1988 — 1 spm. **Kazakhstan,** ***Southeastern Kazakhstan:*** Southwestern part of the Darvaza railway station, 21.IV.1996, K. Krezberg leg. — 3 spms.

Distribution. Afghanistan, Iran, Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Turkmenistan, Uzbekistan [Carabcat..., 2021].

Cicindela (*Cicindela*) *turkestanica* Ballion, 1871

Figs 8–11.

Material. **Uzbekistan,** ***Samarkand region:*** Mirzacho'l, Jizzakh district, 23.IV.1957 — 2 spms; ***Tashkent region:*** Bostanlyk district, Khojakent village, 17.V.1941 — 1 spm; vicinity of Bozsuv railway station, 9.VI.1965 — 1 spm, Bozsu railway station area, 9.VI — 1 spm; ***Tashkent city:*** Territory of the Institute of Zoology and Parasitology (currently the building of Olmazor District Administration), 28.III.1973, A. Dadamirzaev leg. — 1 spm; near water, 05.III.1965 — 1 spm; Nabiev Park, 10.IV.1973 — 1 spm; ***Ferghana region:*** Skobelev district (present-day Fergana city), 1.VI.1910 — 1 spm.

Distribution. Kyrgyzstan, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan [Carabcat..., 2021].

Cicindela (*Cicindela*) *granulata* Gebler, 1843

Figs 12, 14.

Material. **Kyrgyzstan,** ***Upper Susamir:*** 10.IX.1929, N. Umkov leg. — 1 spm; idem, N. Skopin — 1 spm.

Distribution. China, India, Kazakhstan, Kyrgyzstan, Pakistan, Tajikistan, Uzbekistan [Carabcat..., 2021].

Calomera Motschulsky, 1862
Calomera fischeri elongatosignata (W.Horn, 1922)

Figs 5–7.

Material. **Uzbekistan,** ***Tashkent region:*** City of Almalyk, by the lake, 17.VI.1962 — 1 spm; ***Surkhandarya region:*** Kommunizm collective farm (Jarkurgan district), 19.V.1973 — 1 spm; 20.V.1973 — 1 spm.

Distribution. Iraq, Iran, Pakistan (Balochistan), Afghanistan (Herat, Maimana, Nangarhar), Kyrgyzstan, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan, Oman and UAE [Rafi, Wiesner, 2024].

Calomera littoralis conjunctaepustulata (Dokhtouroff,1887)

Figs 13, 15.

Material. **Uzbekistan,** ***Khorezm region:*** Khiva District, 14.V.1927, L. Zimin leg. — 1 spm; ***Navoi region:*** (former Samarkand region), Nurata district, Kizilcha village, Aydar Lake area, 17.IV.1974, A. Dadamirzaev leg. — 1 spm; ***Kashkadarya region:*** Karshi District, Charogil Rural Citizens' Assembly, 05.VI.1971 — 1 spm; idem, 5.VI.1972 — 1 spm.

Distribution. Afghanistan, Azerbaijan, China, Georgia, Iran, Kazakhstan, Kyrgyzstan, Mongolia, Pakistan, Russia, Tajikistan, Uzbekistan [Carabcat..., 2021].

Calomera sturmi (Ménétriés, 1832)

Figs 16–18.

Material. **Uzbekistan,** ***Khorezm region:*** Qo'shko'pir town of Khiva district (established as a separate district in 1966), 16.V.1927, V. Gussarovskiy leg. — 1 spm; idem, 16.V.1927, D. Znoyko leg. — 1 spm; ***Tashkent region:*** Chirchik District, near the Bozsu Channel, 7.IV.1913 — 1 spm; idem, 6.V.1965 — 1 spm.

Distribution. Afghanistan, Azerbaijan, China, Iran, Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Uzbekistan [Carabcat..., 2021].

Figs 1–32. Tiger beetles species housed in the Zoological Collection of the Academy of Sciences of Uzbekistan: external appearance (1, 3, 5, 8, 9, 12, 13, 16, 19, 22, 25, 28, 29, 32) and locality labels (2, 4, 6, 7, 10, 11, 14, 15, 17, 18, 20, 21, 23, 24, 26, 27, 30, 31). 1, 2 — *Megacephala euphratica* Dejean, 1822; 3, 4 — *Cicindela clypeata* Fischer von Waldheim, 1821; 5–7 — *Calomera fischeri elongatosignata* (W.Horn, 1922); 8–11 — *Cicindela turkestanica* Ballion, 1871; 12, 14 — *Cicindela granulata* Gebler, 1843; 13, 15 — *Calomera littoralis conjunctaepustulata* (Dokhtouroff, 1887); 16–18 — *Calomera sturmi* (*Ménétriés, 1832*); 19–21 — *Cylindera* (*Eugrapha*) *contorta* (F.-W., 1828); 22–24 — *Cylindera* (*Cylindera*) *nox* (Semenov, 1897); 25, 26 — *Cylindera* (*Cylindera*) *obliquefasciata* (M.F. Adams, 1817); 27, 28 — *Cylindera* (*Eugrapha*) *litterifera* (Chaudoir, 1842); 29, 30 — *Cephalota* (*Taenidia*) *deserticola* (Faldermann, 1836); 31, 32 — *Myriochila* (*Monelica*) *orientalis* (Dejean, 1825).

Рис. 1–32. Виды жуков-скакунов, хранящиеся в Зоологической коллекции Академии наук Узбекистана: внешний вид (1, 3, 5, 8, 9, 12, 13, 16, 19, 22, 25, 28, 29, 32) и этикетки мест обитания (2, 4, 6, 7, 10, 11, 14, 15, 17, 18, 20, 21, 23, 24, 26, 27, 30, 31). 1, 2 — *Megacephala euphratica* Dejean, 1822; 3, 4 — *Cicindela clypeata* Fischer von Waldheim, 1821; 5–7 — *Calomera fischeri elongatosignata* (W.Horn, 1922); 8–11 — *Cicindela turkestanica* Ballion, 1871; 12, 14 — *Cicindela granulata* Gebler, 1843; 13, 15 — *Calomera littoralis conjunctaepustulata* (Dokhtouroff, 1887); 16–18 — *Calomera sturmi* (*Ménétriés, 1832*); 19–21 — *Cylindera* (*Eugrapha*) *contorta* (F.-W., 1828); 22–24 — *Cylindera* (*Cylindera*) *nox* (Semenov, 1897); 25, 26 — *Cylindera* (*Cylindera*) *obliquefasciata* (M.F. Adams, 1817); 27, 28 — *Cylindera* (*Eugrapha*) *litterifera* (Chaudoir, 1842); 29, 30 — *Cephalota* (*Taenidia*) *deserticola* (Faldermann, 1836); 31, 32 — *Myriochila* (*Monelica*) *orientalis* (Dejean, 1825).


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Cylindera Westwood, 1831
Cylindera (*Eugrapha*) *contorta*
(Fischer von Waldheim, 1828)
Figs 19–21.

Material. **Uzbekistan, *Bukhara region:*** Shofirkon District, Ilyich State Farm, 21.V.1974, A. Dadamirzayev leg. — 1 spm; ***Samarkand region:*** Mirzachul, located in Jizzakh district, is 48 km away from Obruchev station (now in Syrdarya region), 23.IV.1957 — 1 spm; ***Jizzakh Region:*** Zaamin District, 27.V.1976 — 1 spm.

Distribution. Afghanistan, Armenia, Azerbaijan, China, Iran, Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Turkmenistan, Uzbekistan [Carabcat, 2021].

Cylindera (*Cylindera*) *nox* (Semenov, 1897)
Figs 22–24.

Material. **Uzbekistan, *Khorezm District (currently Khorezm Region):*** Yangiyer District, Karmish village, 13.VII.1927, L. Zimin, D. Znoyko leg. — 3 spms. **Turkmenistan:** Transcaspian Region, Farob District, 1907, G.G. Sumakov leg. — 1 spm.

Distribution. Afghanistan, Iran, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan [Carabcat, 2021].

Cylindera (*Cylindera*) *obliquefasciata*
(M.F. Adams, 1817)
Figs 25, 26.

Material. **Uzbekistan, *Bukhara region:*** Shofirkon district, Ilyich state farm, 7.VI.1974, A. Dadamirzayev leg. — 1 spm; ***Samarkand region:*** Nurata district, Dehibaland settlement (currently part of Navoi region), 13.V.1965, Razdivalovskaya leg. — 2 spms; Nurata district, 6.VI.1965, Razdivalovskaya leg. — 1 spm.; ***Tashkent region:*** Mirzachul, 45 km west of Ursatev (Khavaast) station, 13.VI.1959 — 1 spm. **Turkmenistan:** Transcaspian area, Farab district, G.G. Sumakov leg. — 1 spm. **Kazakhstan:** Perovsk (now Kyzylorda region), 5.VI.1916 — 1 spm.

Distribution. Afghanistan, Armenia, Azerbaijan, China, Georgia, India, Iran, Kazakhstan, Kyrgyzstan, Mongolia, Pakistan, Russia, Tajikistan, Turkey, Turkmenistan, Uzbekistan [Carabcat, 2021].

Cylindera (*Eugrapha*) *litterifera* (Chaudoir, 1842)
Figs 27, 28.

Material. **Kazakhstan:** Perovsk (present-day Kyzylorda region), 11.VI.1916 — 2 spms.

Distribution. Afghanistan, Armenia, Azerbaijan, China, Iran, Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Turkmenistan, Uzbekistan [Carabcat, 2021].

Cepholota Dokhtouroff,1883
Cephalota (*Taenidia*) *deserticola*
(Faldermann, 1836)
Figs 29, 30.

Material. **Uzbekistan, *Tashkent region:*** Bostanliq district, Khojakent village, 10.VI.1969 — 2 spms; ***Surkhandarya region:*** Sherabad district, 10.V.1972, P. Korshina leg. — 1 spm; 19.V.1973, A. Dadamirzayev leg. — 1 spm.

Distribution. Afghanistan, Armenia, Azerbaijan, China, Iran, Kazakhstan, Kyrgyzstan, Mongolia, Pakistan, Russia, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan [Carabcat, 2021].

Myriochila Motschulsky, 1858
Myriochila (*Monelica*) *orientalis*
(Dejean, 1825)
Figs 31, 32.

Material. **Uzbekistan, *Kashkadarya region:*** Karshi district, Charogil, 15.VI.1971 — 1 spm; ***Fergana region:*** Skobelev (present-day Fergana city), 29.V.1910 — 1 spm.

Distribution. Armenia, Azerbaijan, China, Jordan, Iraq, Iran, Kazakhstan, Kyrgyzstan, Russia, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan [Carabcat, 2021].

Based on the data, a map showing the distribution of insects was created, with place names developed in distinct colors for each district (Fig. 33). Although the majority of specimens in the collection were collected

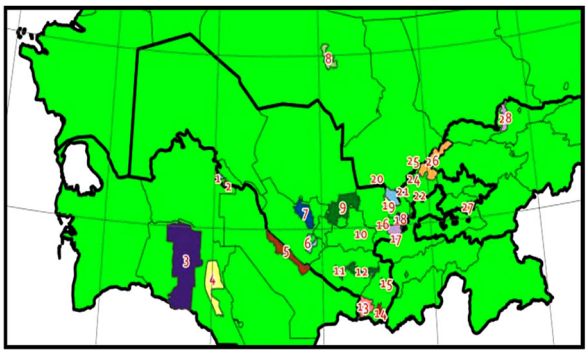

Fig. 33. Locality map of tiger beetles kept in the Collection and collected in Uzbekistan and neigbouring counties Central Asia. Designations: 1 —Khiva district, Khorezm region, 2 — Yangiyer district of Khorezm region, 3 — Ahal region, Ashgabat district (Turkmenistan), 4 — Ahal region, Karakum desert (Turkmenistan), 5 — Lebap region, Farab district (Turkmenistan), 6 — Bukhara region, Bukhara district, 7 — Bukhara region, Shofirkon district, 8 — Kyzylorda region (Kazakhstan), 9— Navoi region, Nurata district, 10 — Samarkand region, Akdarya district, 11 — Kashkadarya region, Karshi district, 12 — Kashkadarya region, Kamashi district, 13 — Surkhandarya region, Sherabad district, 14 — Surkhandarya region, Jarkurgan district, 15 — Surkhandarya region, Denau district, 16 — Jizzakh region, Jizzakh district, 17 — Jizzakh region, Zamin district, 18 — Syrdarya region, Khavast district, 19 — Jizzakh region, Mirzachul district, 20 — Turkestan region, Maktaaral district (Kazakhstan), 21 — Tashkent Region, Chinoz District, 22 — Tashkent Region, Almalyk city, 23 — Tashkent City, Chilonzor District, 24 — Tashkent City, Mirzo Ulugbek District, 25 — Tashkent Region, Chirchiq City, 26 — Tashkent Region, Bostanliq District, 27 — Fergana Region, Fergana District, 28 — Chuy Region, Upper Susamir Valley (Kyrgyzstan).

Рис. 33. Карта сборов жуков-скакунов, хранящихся в коллекции и собранных в Узбекистане и соседних странах Центральной Азии. Обозначения: 1 — Хивинский район Хорезмской области, 2 — Янгиерский район Хорезмской области, 3 — Ахалский велаят, Рухабатский этрап (Туркменистан), 4 — Ахалский велаят, пустыня Каракумы (Туркменистан), 5 — Лебапский велаят, Чарджевский этрап (Туркменистан), 6 — Бухарская область, Бухарский район, 7 — Бухарская область, Шофирконский район, 8 — Кызылординская область (Казахстан), 9 — Навоийская область, Нуратинский район, 10 — Самаркандская область, Акдарьинский район, 11 — Кашкадарьинская область, Каршинский район, 12 — Кашкадарьинская область, Камашинский район, 13 — Сурхандарьинская область, Шерабадский район, 14 — Сурхандарьинская область, Джаркурганский район, 15 — Сурхандарьинская область, Денауский район, 16 — Джизакская область, Джизакский район, 17 — Джизакская область, Заминский район, 18 — Сырдарьинская область, Хавастский район, 19 — Джизакская область, Мирзачульский район, 20 — Туркестанская область, Мактааральский район (Казахстан), 21 — Ташкентская область, Чиназский район, 22 — Ташкентская область, город Алмалык, 23 — город Ташкент, Чиланзорский район, 24 — город Ташкент, Мирзо Улугбекский район, 25 — Ташкент Область, город Чирчик, 26 — Ташкентская область, Бостанлыкский район, 27 — Ферганская область, Ферганский район, 28 — Чуйская область, Верхняя Сусамырская долина (Кыргызстан).

from the territory of Uzbekistan, there are also samples collected from the neighboring Kazakhstan, Kyrgyzstan, and Turkmenistan.

Analysis of the label data, when presented in tabular form, shows that the largest number of samples were collected from Tashkent region and Tashkent city. Additionally, some label information is incomplete, with author or place names and dates not provided in full (see Table1 in appendix).

The specimens in the collection were collected between 1907 and 1996, with the largest number of specimens collected in 1927, 1965, and 1973. (Fig. 34).

The highest number of specimens belongs to *Cicindela clypeata* Fischer von Waldheim, 1821, of which 11 specimens are kept in the collection.

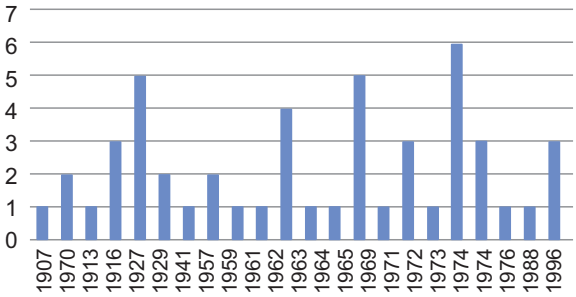

Fig. 34. A graph showing the number of tiger-beetle specimens added to the collection each year from 1907 to 1996

Рис. 34. График поступления по годам экземпляров жуков-скакунов в коллекцию с 1907 по 1996 годы.

Conclusion

In nature, each species occupies its own distinct niche, and in the current era of rapidly accelerating climate change, protecting natural ecosystems and their biomass is one of the most pressing issues. Collections serve as crucial resources for studying the biology and ecology of species in nature, as well as for analyzing their taxonomy.

In particular, the specimens of tiger beetles (Coleoptera: Cicindelidae) housed in the 'Zoological Collection' fund of the Academy of Sciences of the Republic of Uzbekistan can provide sufficient information for researchers conducting scientific studies on representatives of this family. Furthermore, research related to the geographical names on labels allows for information on the past geographical location and names of some districts and towns.

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Refereces

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Appendix to the article: Mamatova M.M., Mirzaeva G.S. 2026. Tiger beetles (Coleoptera: Cicindelidae) deposited in the Zoological Collection of the Institute of Zoology, Academy of Sciences of the Republic of Uzbekistan // Euroasian Entomological Journal. Vol.25. No.3. P.153–157.

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Table 1. Dates and localities of tiger beetle specimens deposited in the Zoological Collection of the Institute of Zoology, Academy of Sciences of the Republic of Uzbekistan were collected

Таблица 1. Даты и места сбора образцов жуков-скакунов, хранящихся в Зоологической коллекции Института зоологии Академии наук Республики Узбекистан

Collection locality	Area	Date	Collector	Name of species
Kyzylkum Desert, stationary location (present-day Bukhara Botanical Garden)	Bukhara	3.VII.1964 4.V.1971	R.A. Alimjonov	*M. euphratica*
Shofirkon District, Ilich State Farm	Bukhara	21.V.1974 7.VI.1974	A. Dadamirzayev	*Cylindera contorta* *C. obliquefasciata*
Nurota District (currently under Navoi Region administration)	Samarkand (Navoi)	13.IV.1962 6.VI.1965	Razdivalovskaya	*Cicindela clypeata* *Cylindera obliquefasciata*
Nurota District, Qizilcha village, area surrounding Lake Aydar	Samarkand (Navoi)	17.IV.1974	A. Dadamirzayev	*Calomera littoralis conjunctaepustulata*
Nurota district, Dehibaland settlement	Samarkand (Navoi)	13.V.1965	Razdivalovskaya	*Cylindera obliquefasciata*
Samarkand International Aerodrome	Samarkand	25.III.1962		*Cicindela clypeata*
Mirzachol, Jizzakh district	Samarkand (Jizzakh)	23.IV.1957		*Cicindela turkestanica*
Mirzachul, Jizzakh district, 48 km away from Obruchev station (now in Syrdarya region)	Samarkand (Syrdarya)	23.IV.1957		*Cylindera contorta*
Mirzachul, Ursatev (Khavast) railway station	Tashkent	15.IV.1957		*Cicindela clypeata*
Chilanzar District	Tashkent	10.III.1962		*Cicindela clypeata*
Almalyk City, lakeside	Tashkent	17.VI.1962		*Calomera fischeri elongatosignata*
Area around Bozsuv railway station	Tashkent	9.V.1965		*Cicindela turkestanica*
Territory of the Institute of Zoology and Parasitology (current building of Olmazor District Administration)	Tashkent	28.III.1973	A. Dadamirzayev	*C. turkestanica*
Khodzhikent	Tashkent	17.V.1941		*C. turkestanica*
'Telman' (Garden of Eden) Park	Tashkent	10.IV.1973		*C. turkestanica*
Chirchiq district, near the Bozsuv canal	Tashkent	7.IV.1913 6.V.1965		*Calomera sturmi*
Khojakent, Kalinin collective farm	Tashkent	10.VI.1969		*Cephalota deserticola*
Mirzachol, 45 km west of Ursatev (Khavast) station	Tashkent	13.VI.1959		*Cylindera obliquefasciata*
Beshkent District (territory of present-day Denov District)	Surkhandarya	16.IV.1961		*Cicindela clypeata*
Kommunizm Collective Farm (currently in Jarkurgan District, Kommunizm MFY)	Surkhandarya	19.V.1973		*Calomera fischeri elongatosignata*
Sherabad District	Surkhandarya	10.V.1972 19.V.1973	P. Korshina A. Dadamirzayev	*Cephalota deserticola*
Kamashi District	Kashkadarya	15.IV.1963		*Cicindela clypeata*
Karshi District, Charogyl Collective Farm (KFY)	Kashkadarya	5.VI.1971 5.VI.1972		*Calomera littoralis conjunctaepustulata* *Myrochila orientalis*
Transcaspian Region, Akhal Valley, Ashgabat District	Turkmenistan	13.X.1988		*Cicindela clypeata*
Transcaspian Region, Lebap Region, Farab District	Turkmenistan	1907	G.G. Sumakov	*Cylindera nox* *C. obliquefasciata*
Karakum Desert	Turkmenistan	9.V.1953		*Calomera littoralis conjunctaepustulata*
South-Eastern Kazakhstan, Turkestan Region, Maktaaral District, South-Western part of the Darvoza railway station	Kazakhstan	21.IV.1996	K. Krezberg	*Cicindela clypeata*

Tiger beetles deposited in the Zoological Collection of the Institute of Zoology, Uzbekistan

Collection locality	Area	Date	Collector	Name of species
Perovsk (present-day Kyzylorda region)	Kazakhstan	11.VI.1916 12.VI.1916		*Cylindera obliquefasciata* *C. litterifera*
Skobelev district (present-day Fergana city)	Fergana	29.V.1910 1.VI.1910		*Myrochila orientalis* *Cicindela turkestanica*
Chuy region, Upper Susamir valley	Kyrgyzstan	10.IX.1929	N. Umkov N. Skopin	*Cicindela granulata*
Zomin tumani	Jizzakh	27.V.1976		*Cylindera contorta*
Khiva District	Khorezm	14.V.1927 13.VII.1927	L. Zimin D. Znoyko	*Calomera littoralis conjunctaepustulata*
Kushkupir settlement, Khiva district	Khorezm	16.V.1927 16.V. 1927	V. Gussarovskiy D. Znoyko	*Calomera sturmi*
Yangiyer District, Karmish village	Khorezm	13.VII.1927	L. Zimin D. Znoyko	*Cylindera nox*