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Braconidae (Hymenoptera) in the collection of the Institute of Zoology, NAS of the Azerbaijan Republic

Part II. Subfamily Braconinae

(Hymenoptera)

With 1 map

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Summary

The paper gives some faunistic records of the braconids from genera Iphiaulax, Atanycolus, Vipio, Pseudovipio, Ceratobracon, Baryproctus and Bracon belonging to subfamily Braconinae from the collection of the institute of Zoology of the National Academy of Sciences of Azerbaijan located in Baku. For each taxon localities in Azerbaijan, distribution and hosts remarks are given.

Zusammenfassung

Die Arbeit wertet faunistische Daten von Sammlungsmaterial der Braconiden-Gattungen Iphiaulax, Atanycolus, Vipio, Pseudovipio, Ceratobracon, Baryproctus und Bracon (Unterfamilie Braconinae) aus. Das Material stammt aus dem Institut für Zoologie der Nationalen Akademie der Wissenschaften Aserbaidschans in Baku. Für jede Art werden Verbreitung, Fundorte in Aserbaidschan und Wirtsarten genannt.

Key words

Braconidae, Braconinae, Bracon, Distribution, Hosts

Introduction

Subfamily Braconinae is presented by 57 species from 2 subgenera and 7 genera in the entomological collection of the Institute of Zoology NAS of Azerbaijan. The paper includes distribution remarks and host range information for each species. The whole distribution areas in the world are provided for each taxon. Each name of species is accompanied by the author's name and description date. A map showing collection areas in Azerbaijan is presented. Literature data are used for taxonomic analysis of the braconids (Abdinbekova, 1975, 1995; Beyarslan, Fischer, 1990; Papp, 2007; Tobias, 1976, Tobias, Belokobilskiy, Kotenko, 1986, Belokobylskij, Žikiæ, 2009). For classification and nomenclature of the longhorn beetles as hosts Danilevsky, 2005 is used.

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Subfamily Braconinae

Genus *Atanycolus* FOERSTER, 1862

Atanycolus initiator (FABRICIUS, 1793)

Material:

dist. Kirovabad (now Ganja), 21.VIII.1932, fruit gardens, 1 ♀, leg. Vinovski.

Hosts:

Ragium inquisitor L., *Tetropium fuscum* F., *Phymatodes pusillus* L. (Cerambycidae), *Tomicus piniperda* L., *Ips subelongatus* MOTSCH. (Curculionidae), *Lampra mirifica* MULS., *Phaenops cyanea* F. (Buprestidae), *Synanthedon flaviventris* STGR., *S. vespiformis* L. (Sesiidae).

Distribution:

Czechia, Hungary, Russia, Azerbaijan.

Genus *Baryproctus* ASHMEAD, 1900

Baryproctus barypus (MARSHALL, 1885)

Material:

dist. Khachmaz, 15.VI.1964, vineyard, on grass,1 ♂, leg. Abdinbekova; dist. Ordubad, 6.IV.1967, 1 ♂, leg. Abdinbekova; Nakhichivan AR, 2.VI.1967, 1 ♂, leg. Abdinbekova; dist. Nukha (now Sheki), 2.V.1965, fruit gardens, on spurge, 1 ♀, leg. Abdinekova; dist. Vartashen (now Oguz), 9.VIII.1965, forest, on grass, 1 ♀, leg. Mirzazadeh.

Hosts:

unknown.

Distribution:

Southern Caucasus, Western Europe, Western Kazakhstan, Azerbaijan.

Genus *Bracon* FABRICIUS, 1804

Subgenus *Asiabracon* TOBIAS, 1957

Bracon (*Asiabracon*) *quadrimaculatus* TELENGA, 1936

Material:

dist. Goychay, 29.VI.1964, cotton field, on grasses, 2 ♀♀, leg. Abdinbekova; dist. Mardakert (now Aghdere) cotton field, on grasses, 1 ♂.

Hosts:

Heliothis armigera HBN. (Noctuidae).

Distribution:

Mid Asia, Azerbaijan.

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Subgenus *Bracon* Fabricius, 1804

***Bracon* (*Bracon*) *fulvipes* Nees, 1834**

Material:

dist. Nukha (now Sheki), 21.VII.1935, 1 ♀, leg. Bogachev; dist. Mirbashir (now Tartar), 21.VII.1965, 1 ♀, leg. Abdinbekova; 1 ♀, Mardakert (Aghdere), 9.VIII.1966, leg. Abdinbekova; dist. Goygol, 4.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Goygol, 11.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Goychay, 26.VI.1964, 1 ♀, leg. Abdinbekova; Guba, 20.VII.1961, 1 ♀, leg. Abdinbekova.

Hosts:

Mononychus punctum-album Hbst., *Curculio vilosus* F., *Apion cyanescens* Gyll., *A. minimum* Hbst. (Curculionidae), *Paranthrene tabaniformes* Rott. (Sesiidae), *Colephora coronillae* Z. (Coleophoridae), *Tetramese hyalipennis* Walk., *T. brevicollis* Walk. (Eurytomidae).

Distribution:

Russia, Caucasus, Kazakhstan, Mid Asia.

***Bracon* (*Bracon*) *gusaricus* Telenga, 1933**

Material:

dist. Zagatala, 18.VII.1960, 3 ♀♀, 1 ♂, leg. Mirzazadeh; dist. Guba, X.VII.1961, 2 ♀♀, 2 ♂♂, leg. Abdinbekova; dist.Goychay, 14.V.1964, 4 ♀♀, leg. Abdinbekova; dist. Nukha (Sheki), 27.V.1965, 1 ♀, leg. Mirzazadeh; dist. Lerik, 20.VII.1965, 2 ♀♀, leg. Abdinbekova; dist. Qakh, 24.VII.1965, 1 ♀, leg. Mirzazadeh; dist. Agdam, 23.VI.1966, 1 ♀, leg. Abdinbekova; dist. Shamkir, 24.VI.1966, 1 ♀, leg. Abdinbekova; dist. Gasym-Ismayilov (now Goranboy), 14.VII.1966, 1 ♀, leg. Abdinbekova; dist. Mardakert (now Aghdere), 9.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Shahbuz, 14.VIII.1967, 1 ♀, leg. Abdinbekova; Nakhichivan AR, 18.IX.1967, 1 ♂, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Caucasus, Mid Asia, Bulgaria.

***Bracon* (*Bracon*) *intercessor* Nees, 1834**

Material:

dist. Agdam,11.IX.1964, 1 ♀, leg. Mirzazadeh; dist. Mardakert (now Aghdere), 21.4.1966, 1 ♀, leg. Abdinbekova; dist. Goygol, 4.VII.1966, 1 ♀, leg. Abdinbekova; dist. Nukha (Sheki), 8.VII.1965, 1 ♀, leg. Mirzazadeh; dist. Margushevan (now Khojavend), 11.VI.1966, 1 ♀, leg. Abdinbekova; dist. Norashen (now Sharur). X.VII.1960, 1 ♀, leg. Abdinbekova; dist. Goychay, 5.VIII.1964, 2 ♀♀, leg. Mirzazadeh; same place, 5.VIII.64, 2 ♂♂, leg. Abdinbekova; dist. Guba, 28.VII.1960, 1 ♀,1 ♂, leg. Abdinbekova; dist. Khachmaz, 31.VIII.1962, 1 ♂, leg. Abdinbekova;

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dist. Agdash, 11.V.1964, 1 ♂, leg. Mirzazadeh; dist. Lerik, 20.VII.1965, 2 ♀♀, 2 ♂♂, leg. Abdinbekova; dist. Lankaran, 5.IX.1965, 11 ♂♂, leg. Abdinbekova; dist. Zagatala, 12.VII.1959, 1 ♀, leg. Mirzazadeh; dist. Mardakert (now Aghdere), 14.5.1966, 2 ♀♀, leg. Abdinbekova; dist. Margushevan (now Khojavend), 21.5.1966, 4 ♀♀, leg.Abdinbekova; dist. Ordubad, 20.5.1966, 1 ♀, leg. Abdinbekova; dist. Goygol, 25.VI.1966, 1 ♀, leg. Abdinbekova; dist. Shamkir, 24.VI.1966, 1 ♀, leg. Abdinbekova; dist. Ordubad, 29.VII.1967, 5 ♀♀, leg. Andinbekova; dist. Shahbuz, 14.IX.1967, 1 ♀, leg. Abdinbekova; dist. Khachmaz, 26.VII.1960, 1 ♀, leg. Abdinbekova; dist. Goychay, 12.VII.1964, 2 ♀♀, leg. Mirzazadeh; dist. Goychay, 12.VII.1964, 1 ♀, leg. Abdinbekova; dist. Guba, 12.V.1962, 1 ♀, leg. Abdinbekova; dist. Khachmaz, 21.VI.1962, 1 ♀, leg. Abdinbekova; dist. Lankaran, 5.IX.1965, 4 ♀♀, leg. Abdinbekova; dist. Agdash, 11.5.1964, 2 ♀♀, leg. Mirzazadeh; dist. Masally, 14.IV.1965, 1 ♀, 2 ♂♂, leg. Abdinbekova; dist. Yardimly, 16.IX.1965, 2 ♀♀, leg. Abdinbekova; dist. Vartashen (now Oghuz), 9.VIII.1965, 1 ♀, leg. Mirzazadeh; dist. Mardakert (Aghdere), 1.VIII.1966-67, 6 ♀♀, leg. Abdinbekova; dist. Margushevan (now Khojavend), 8.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Kalbajar, 9.IX.1966, 2 ♀♀, leg. Abdinbekova; dist. Stepanakert (Khankendi), 22.VII.1966, 1 ♀, leg. Abdinbekova; dist. Shamkir, 19.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Ordubad, 20-21.V.1967, 2 ♀♀, leg. Abdinbekova; Shahbuz, 22.VI.1967, 1 ♀, leg. Abdinbekova; dist. Lankaran, 5.IX.1969, 1 ♀, leg. Abdinbekova; dist. Ordubad, 10.VII.1966, 1 ♀, leg. Mamedov; dist. Agdam, 13.VII.1966, 1 ♀, leg. Abdinbekova.

Hosts:

Rhynchites bacchus L. (Attelabidae), *Microlarinus lypriformis* WOLL., *M. lareyniei* JACQ., *Anthonomus pomorum* L., *A. pedicularius* L., *A. sorbi* GERM., *Apion opeticum* BACH., *Lixus junci* BOH., *L. incanescens* BOH., *L. brevirostris* BOH., *L. scarricollis* BOH. (Curculionidae), *Parametriotes theae* KUZN. (Momphidae), *Augasma atraphaxidellum* KUZN., *Sparganothis pilleriana* DEN. et SCHIFF. (Tortricidae), *Tetramese hyalipennis* WALK., *T. rossica* R.-K. (Eurytomidae).

Distribution:

Western Europe, European part of Russia, Kazakhstan, Mid Asia, Azerbaijan.

Bracon (*Bracon*) *kozak* TELENGA, 1936

Material:

dist. Gasym-Ismayilov (now Goranboy), 14.VII.1966, cotton field, 1 ♀, leg. Abdinbekova; dist. Mirbashir (now Tartar), 6.IX.1964, 1 ♀, leg. Kamarli.

Hosts:

unknown.

Distribution:

Moldova, Caucasus, Mid Asia.

Bracon (*Bracon*) *longicollis* WESMAEL, 1838

Material:

dist. Mirbashir (now Tartar), 12.VI.1966, 1 ♀, leg. Abdinbekova; dist. Shamakhy, 6.1966, 2 ♀♀,

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leg. Abdinbekova; dist. Shamkir, 24.VII.1966, 1 ♀, leg. Abdinbekova; dist. Goygol, 29.VII.1966, 1 ♀, leg. Abdinbekova; dist. Mardakert (now Aghdere), 9.VIII.1966, 2 ♀♀, leg. Abdinbekova; dist. Gasym-Ismailov (now Goranboy), 9.VI.1966, 1 ♀, leg. Abdinbekova.

Hosts:

Chlorops taeniopus Tel. (Chloropidae).

Distribution:

Western Europe, Russia, Caucasus, Kazakhstan, Iran, Mongolia.

Bracon (*Bracon*) *luteator* Spinola, 1808

Material:

dist. Siazan, mountain Beshbarmagh, 1.V.1937, 2 ♀♀, leg. Bogachev; dist. Qakh, v. Sary-Bash, 17.VII.34, 1 ♀, leg. Bogachev; dist. Guba, 19.VIII.1961-62, 5 ♀♀, 4 ♂♂, leg. Abdinbekova; dist. Qusar, 14.VII.1962, 1 ♀, leg. Abdinbekova; dist. Khachmaz, 1.VII.1962, 1 ♀, 1 ♂, leg. Abdinbekova; dist. Goychay, 21.VI.1964, 6 ♀♀, 6 ♂♂, leg. Abdinbekova; dist. Masally, 29.V.1965, 67 ♀♀, 21 ♂♂, leg. Abdinbekova; dist. Yardimly, 28.5.1965, 1 ♀, 2 ♂♂, leg. Abdinbekova; dist. Lerik, 30.VI.1965, 2 ♀♀, 6 ♂♂, leg. Abdinbekova; Astarkhan Bazar (now Jalilabad), 24.VI.1975, 2 ♀♀, leg. Abdinbekova; dist. Zagatala, 24.VII.1965, 1 ♀, leg. Mirzazadeh; dist. Agdash, 16.VI.1964, 1 ♀, leg. Abdinbekova; dist. Agdash, 25.VIII.1965, 1 ♀, leg. Mirzazadeh; dist. Lankaran, 5.IX.1965, 1 ♀, leg. Abdinbekova; dist. Astara, 25.VII.1965, 3 ♀♀, leg. Abdinbekova; dist. Mardakert (Aghdere), 12.VII.1966, 2 ♀♀, leg. Abdinbekova; same locality, 21.VI.67, 1 ♂, leg. Abdinbekova; Nakhchivan AR,18.IX.1967, 1 ♀, leg. Abdinbekova; dist. Goygol, 24.5.1966, 1 ♀, leg. Abdinbekova; dist. Julfa, 1.VI.1967, 1 ♀, leg. Abdinbekova; dist. Stepanakert (now Khankendi), 28.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Shamkir, 18.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Mingechevir, 17.VI.1964, 2 ♀♀, leg. Abdinbekova.

Hosts:

Metzneria aestivella Z., *M. lappella* L. (Gelechiidae), *Urophora solstitialis* L. (Tephritidae).

Distribution:

Western, Central and Southern Russia, Western Europe, Caucasus, Kazakhstan, Israel, Mid Asia.

Bracon (*Bracon*) *mariae* Dalla Torre, 1898

Material:

dist. Guba, 19.IX.1962, 1 ♀, leg. Abdinbekova; dist. Kalbajar, 9.IX.1966, 1 ♀, leg. Abdinbekova; Nakhchivan AR, 17.IX.1967, 1 ♀, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Southern Russia, Caucasus, Kazakhstan, Mid Asia, Western Europe, Northern Africa.

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Bracon (*Bracon*) *murgabensis* TOBIAS, 1957

Material:

dist. Agdash, 17.IX.1965, 1 ♀, leg. Kamarli.

Hosts:

Smicronyx tartaricus FAUST (Curculionidae).

Distribution:

Southern Russia, Azerbaijan, Kazakhstan, Mid Asia.

Bracon (*Bracon*) *pectoralis* WESMAEL, 1838

Material:

dist. Shamakhy, 5.VII.1937, 1 ♀, leg. Bogachev; Stepanakert (now Khankendi), 5.VII.1940, 2 ♀♀, leg. Bogachev; dist. Khachmaz, 6.V.1961, 6 ♀♀, 1 ♂, leg. Abdinbekova; dist. Agdash, 14.VI.1960, 1 ♀, leg. Aliyev; dist. Goychay, 19.V.1964, 5 ♀♀, 2 ♂♂, leg. Abdinbekova; dist. Guba, 13.V.1963, 3 ♀♀, leg. Abdinbekova; dist. Shamakhy, 14.VII.1965, 1 ♀, leg. Hydayatov; dist. Astara, 19.VII.1965, 1 ♀, leg. Abdinbekova; dist. Agdash, 14.VIII.1965, 1 ♀, leg. Mirzazadeh; Gasym-Ismayilov (now Goranboy), 9.VI.1966, 1 ♀, leg. Abdinbekova; dist. Mardakert (now Aghdere), 14.VI.1966, 2 ♀♀, leg. Abdinbekova; dist. Goygol, 25.VI.1966, 1 ♀, leg. Abdinbekova; dist. Shamkir, 24.VI.1966, 1 ♀, 1 ♂, leg. Abdinbekova; dist. Ordubad, 13.IX.1967, 2 ♀♀, leg. Abdinbekova; dist. Gadabay, Bashkend, 29.VII.1966, 1 ♀, leg. Abdinbekova; dist. Stepanakert (now Khankendi), 22.VII.1966, 1 ♂, leg. Abdinbekova; dist. Kalbajar, 1.VIII.1966, 3 ♀♀, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Western, Central and Southern Russia, Western Europe, Caucasus, Kazakhstan, Mid Asia.

Bracon (*Bracon*) *subglaber* SZÉPLIGETI, 1901

Material:

dist. Guba, 10.VI.1961, 2 ♀♀, leg. Abdinbekova.

Hosts:

Paranthrene tabaniformis ROTT., *Pennisetia hyaleiformis* LASP. (Sesiidae), *Epichnopterix sieboldi* ROTT. (Psychidae), *Aethes williana* BR. (Tortridcidae), *Metzneria lapella* L. (Gelechiidae), *Urophora cardui* L., *U. solstiialis* L., *U. quadrifasciata* MG., *Terellia serratulae* L., *Tephritis leontodontis* DEG., *Noeeta pupillata* FALL. (Tephritidae), *Ceutorhynchus fairmairei* CH. BRIS. (Curculionidae).

Distribution:

Western, Central and Southern Russia, Western Europe, Caucasus, Kazakhstan, Mid Asia.

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***Bracon* (*Bracon*) *terebella* Wesmael, 1838**

Material:

dist. Lerik, 29.5.1965, 1 (damaged material), leg. Abdinbekova.

Hosts:

Miarus campanulae L. (Curculionidae), *Cephus pygmaeus* L. *Trachelus tabidus* F. (Cephidae).

Distribution:

Western Europe, Northern Africa, Russia, Caucasus, Mid Asia.

***Bracon* (*Bracon*) *trucidator* Marshall, 1888**

Material:

dist. Guba, 29.IX.1961-62, 4 ♀♀, 4 ♂♂, leg. Abdinbekova; dist. Yardimly, 29.VI.1966, 2 ♀♀ 1 ♂, leg. Abdinbekova; dist. Gasym-Ismayilov (now Goranboy), 14.VIII.1966, 1 ♂, leg. Abdinbekova; dist. Nukha (now Sheki), 17.5.1965, 1 ♀, leg. Mirzazadeh; dist. Goychay, 14.IV.1964, leg. Abdinbekova; dist. Khachmaz, 29.VI.1962, fruit gardens, 2 ♀♀, leg. Abdinbekova; Same locality, 21.VIII.1962, 1 ♂, leg. Abdinbekova; dist. Mardakert (now Aghdere), 24.VIII.1962, 1 ♀, leg. Abdinbekova; Nakhchivan AR,16.IX.1967, 2 ♀♀, leg. Abdinbekova.

Hosts:

Metzneria lappella L. (Gelechiidae).

Distribution:

Western, Central and Southern Russia, Western Europe, Caucasus, Kazakhstan, Mid Asia.

Subgenus *Cyanopterobracon* Tobias, 1957

***Bracon* (*Cyanopterobracon*) *illyricus* Marshall, 1888**

Material:

dist. Shamakhy, 29.VI.1938, 1 ♀, 1 ♂, leg. Bogachev; dist. Nukha (now Sheki), 26.V.1965, fruit garden, 1 ♀, leg. Mirzazadeh; dist. Mardakert (now Aghdere), 20.VI.1964, mountain meadows, 1 ♂, leg. Abdinbekova; dist. Agdam, 8.VII.1966, 1 ♀, leg. Abdinbekova.

Hosts:

Larinus turbinatus Gyll. (Curculionidae).

Distribution:

South and Center of Western Europe, Mid Asia, Azerbaijan.

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Bracon (*Cyanopterobracon*) *mauritanicus* SCHMIEDEKNECHT, 1896

Material:

dist. Gasym - Ismayilov (now Goranboy), 14.VII.1966, 1 ♀, leg. Abdinbekova.

Distribution:

Southern and Western Europe, Northern Africa, Azerbaijan.

Hosts:

unknown.

Bracon (*Cyanopterobracon*) *sabulosus* SZÉPLIGETI, 1896

Material:

dist. Shamakhy, IV.1937, 1 ♀, leg. Bogachev; dist. Astara, 4.VI.1966, on camel's thorn, 1 ♂, leg. Abdinbekova.

Hosts:

Family Tephritidae.

Distribution:

Southern Russia, Caucasus, Kazakhstan, Mid Asia, Southern Europe, Iran.

Bracon (*Cyanopterobracon*)*urinator* FABRICIUS, 1798

Material:

Mil steppe, May, 1934, 2 ♀♀, leg. Bogachev; dist. Qakh, Elisuh, 30.VII.1934, 1 ♀, leg. Bogachev; dist. Tovuz, Steppe Turut (now Steppe Gazakh), 26.VI.1940, 2 ♀♀, leg. Bogachev; Karabakh, 24.VIII.1933, 1 ♀, leg.Bogachev; dist. Lerik,. 20.VI.1965, 1 ♀, leg. Bogachev; dist. Astara, 19.VII.1965, forest, 9 ♀♀, 9 ♂♂ leg. Bogachev; dist. Qusar, 12.VII.1960, fruit garden, 1 ♀, leg. Abdinbekova; dist. Masally, 20.5.1965, 3 ♀♀, leg. Abdinbekova; dist. Julfa, 13.VI.1967, 2 ♀♀, leg. Abdinbekova; dist. Yardimly, 11 ♀♀, 1 ♂, leg. Abdinbekova; dist. Kalbajar, 8.VI.1966, meadows, forest, 1 ♀, leg. Abdinbekova.

Hosts:

Rhinocyllus conicus FRÖL., *Rh. latirostris* F., *Larinus sturnus* SCHALL., *L. saussureae* MARSH. (Curculionidae), *Tephritis pulchra* LW. (Tephritidae).

Distribution:

Western Europe, Northern Africa, Asia Minor, Iran, Mongolia, China, India, Mid Asia, Georgia, Azerbaijan, Kazakhstan, Siberia.

Distribution:

Whole Palearctic, introduced in New Zeeland.

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Subgenus *Glabrobracon*

***Bracon* (*Glabrobracon*) *angustiventris* Tobias, 1957**

Material:

dist. Guba, 14.VI.1961, fruit gardens, 1 ♂, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Moldova, Caucasus, Mid Asia.

***Bracon* (*Glabrobracon*) *anthracinus* Nees, 1834**

Material:

dist. Guba, 21.5.61, fruit gardens, 1 ♀, leg. Abdinbekova; dist. Lerik, 20.VI.1965, 1 ♀, leg. Abdinbekova; Gasym-Ismayilov (now Goranboy), 9.VI.1966, 1 ♀, leg. Abdinbekova; dist. Agdam,13.VI.1966, 1 ♀, leg. Abdinbekova; dist. Mirbashir (now Tartar), 12.VII.1966, 1 ♀, leg. Abdinbekova; dist. Mardakert (now Aghdere), 2.VII.1966-67, 3 ♀♀, leg. Abdinbekova

Hosts:

Miarus companulae L., *Hylobius piceus* Deg. (Curculionidae), *Laspeyresia strobilells* L. (Tortricidae), *Urophora cuspidator* Mg. (Tephritidae).

Distribution:

Russia, Caucasus, Kazakhstan, Mongolia, Europe, Chine.

***Bracon* (*Glabrobracon*) *atrator* Nees, 1834**

Material:

dist. Guba, 6.VII.1961, 3 ♀♀, leg. Abdinbekova; dist. Goychay. 5.VI.1965, 7 ♀♀, 2 ♂♂, leg. Abdinbekova; dist. Khachmaz, 5.VII.1962, 1 ♀, leg. Abdinbekova; dist. Nukha (Sheki), 26.V.1965, 1 ♀, leg. Abdinbekova; dist.Lerik, 6.V.1965, 9 ♀♀, 2 ♂♂, leg. Abdinbekova; dist. Gasym-Ismayilov (now Goranboy), 9.VI.1966, 1 ♀, leg. Abdinbekova; dist. Shamkir, 24.VI.1966, 2 ♀♀, 1 ♂, leg. Abdinbekova; dist. Mardakert (Aghdere), 6.VII.1966, 3 ♀♀, 1 ♂, leg. Abdinbekova; dist. Mirbashir (now Tartar), 12.VII.1966-67, 2 ♀♀, leg. Abdinbekova; dist. Goygol, 3.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Masally, 16.5.1965, 1 ♀, leg. Abdinbekova.

Hosts:

Gymnetron villosulim Gyll., *Apion buddebergi* Bed. (Curculionidae), *Tephritis separate* Rd., *T. conura* Lw. (Tephritidae), *Phytobia flavifrons* Mg. (Agromyzidae), *Colephora coronillae* Z. (Colephoridae).

Distribution:

Russia, Caucasus, Kazakhstan, Mid Asia, Western Europe.

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Bracon (*Glabrobracon*) *epitriptus* MARSHALL, 1885

Material:

dist. Khankendi, 22.VIII.1966, 1 ♀, leg. Abdinbekova.

Hosts:

Iteomyia caprae WINN. (Cecidomyiidae), *Agromyza flaviceps* FALL. (Agromyzidae), *Cryptorrynchus lapathi* L. (Curculionidae).

Distribution:

Russia, Caucasus, Kazakhstan, Western Europe.

Bracon (*Glabrobracon*) *hemiflavus* SZEPLIGETI, 1904

Material:

dist. Guba, 9.IX.1961- 62, on wheat, 1 ♀, 2 ♂♂, leg. Abdinbekova; dist. Goychay, 5.VIII.1964, 1 ♀, 4 ♂♂, leg. Abdinbekova; dist. Yardimly, 17.VI.1965, 1 ♂, leg. Abdinbekova; dist. Lerik, 20.VII.1965, 1 ♂, leg. Abdinbekova; dist. Mardakert (Aghdere), 20.VI.1967, 1 ♂, leg. Abdinbekova; dist. Khachmaz, 15.VIII.1962-63, fruit garden, 2 ♀♀, leg. Abdinbekova; dist. Astara, 8.VII.1965, 2 ♀♀, leg. Abdinbekova; dist. Masally, 15.VII.1965, 1 ♂, leg. Abdinbekova; dist. Lankaran, 5.IX.1965, 1 ♂, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Southern Russia, Caucasus, Kazakhstan, Mid Asia, Hungary.

Bracon (*Glabrobracon*) *jaroslavensis* TELENGA, 1936

Material:

dist. Nukha (Sheki), 27.5.1965, 1 ♀, leg. Mirzazadeh.

Hosts:

unkown.

Distribution:

Central Russia, Azerbaijan.

Bracon (*Glabrobracon*) *larvicida* WESMAEL, 1838

Material:

dist. Guba, 9.VI.1963, 1 ♀, leg. Abdinbekova.

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Hosts:

unknown.

Distribution:

Centre and South of Russia, Kazakhstan, Azerbaijan, Western Europe.

Bracon (*Glabrobracon*) *maculiger* Wesmael, 1838

Material:

dist. Astara,17.VII.1965, 1 ♀, leg. Abdinbekova; dist. Khankendi, 22.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Gasym-Ismayilov (now Goranboy), 26.VII.1966, 1 ♀, leg. Abdinbekova; dist. Margushevan (now Khojavend), 25.VI.1966, 1 ♀, leg. Abdinbekova; dist. Shamakhy, 29-30.VI.1937, 1 ♀, 1 ♂, leg. Bogachev; the same place, 14.VII.1965, 1 ♀, leg. Hydayatov; dist. Goychay, 5.V.1964, 24 ♀♀, 2 ♂♂, leg. Abdinbekova; the same place, 14.VII.1964, 1 ♂, leg. Mirzazadeh; dist. Qusar, 12.VII.1960, 2 ♀♀, 6.VII.1962, 1 ♀, 1 ♂, leg. Abdinbekova; dist. Zagatala, 16.VII.1960, 2 ♀♀, leg. Mirzazadeh; dist. Guba, 5.IX.1961, 5 ♀♀, 6. IX.1963, 3 ♂♂, 25.VI.1962, 2 ♀♀, leg. Abdinbekova; dist. Masally, 20.IV.1965, 1 ♀, 1 ♂, 21.V.1965, 3 ♀♀, leg. Abdinbekova; dist. Lerik, 30.VI.1965, 1 ♀, 5.VI.1965, 4 ♀♀,1 ♂, leg. Abdinbekova; dist. Mirbashir (now Tartar), 5.VIII.1966, 3 ♀♀, leg. Abdinbekova; dist. Kalbajar, 6.VII.1966, 3 ♀♀, 6.VIII.1966, 6 ♀♀, leg. Abdinbekova; dist. Goygol, 3.VIII.1966, 5 ♀♀, leg. Abdinbekova; dist. Gadabay, 16.VIII.1966-67, 3 ♀♀, leg. Abdinbekova; dist. Yardimly, 29.VI.1965, 1 ♀, 17.VI.1965, 1 ♀, 3 ♂♂, leg. Abdinbekova; dist. Nukha (Sheki), 9.VIII.1965, 1 ♂, leg. Mirzazadeh; dist. Mardakert (now Aghdere), 6.VII.1966-67, 3 ♀♀, 21.VI.1967, 22 ♀♀, leg. Abdinbekova; dist. Ordubad, 13.VII.1967, 7 ♀♀, leg. Abdinbekova; Nakhchivan AR,16.IV-IX.1967, 31 ♀♀, leg. Abdinbekova.

Hosts:

Platyedra subcinerea Hw., *Pexicopia malvella* Hb., *Mesophleps corsicellus* H.-S. (Gelechiidae), *Hadena bicruris* Hfn. (Noctuidae), *Lithocolletis mespilella* Hb. (Gracillariidae), *Aegeria andrenaeformis* Lasp. (Sesiidae), *Coleophora medelichennis* Krone, *C. coronillae* Z. (Coleopharidae), *Grapholitha funebrana* Tr., *G. dorsana* F., *Barbara herrichiana* Obr., *Pandemis cerasana* Hb., *Petrova resinella* L., *Laspeyresia strobilella* L., *Eucosma cana* Hw. (Tortricidae), *Etiella zinckenella* Tr., *Dioryctria abietella* Den. et Schiff., *Myelois cribrella* Hb. (Phycitidae), *Ernobius nigrinus* Sturm. (Anobiidae), *Larinus turbinatus* Gyll., *L. jaceae* F., *Anthonomus pomorum* L., *Sibinia viscariae* L., *Pissodes validirostris* Gyll., *Baris cuprirostris* F., *B. laticollis* Marsh., *B. chlorisans* Germ., *Magdalis rufa* Germ., *Gymnetron tetrum* L., *G. asellus* Grav., *Miarus campanulae* L., *Sitona longulus* Gyll., *Ceutorhynchus punctiger* Gyll. (Curculionidae), *Bruchus laticollis* Boh., *B. lentis* Fröl., *B. viciae* Ol., *B. atomarius* L., *Bruchidius lividimanus* Gyll., *B. poupillieri* All., (Bruchiidae), *Pegohylemyia seneciella* Meade (Anthomyiidae), *Noeeta pupillata* Fall., *Chaetostomella cylindrical* R.-D., *Tephritis leontodontis* Deg., *Sphenella marginata* Fall. (Tephritidae), *Hoplocampa brevis* Klug, *H. flava* L. (Tenthredinidae).

Distribution:

Europe, Russia, Caucasus, Kazakhstan, Mid Asia.

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Bracon (*Glabrobracon*) *minutator* FABRICIUS, 1798

Material:

dist. Guba, 3.VII.1962, 1 ♀, leg. Abdinbekova; dist. Lerik, 30.VI.1965, 2 ♀♀, leg. Abdinbekova.

Hosts:

Rhyacionia buoloana DEN. et. SCHIFF., *Leguminivora glycinivorella* MATS., *Cochylis posterana* Z. (Tortricidae), *Pennisetia hylaeiformes* LASP. (Sesiidae), *Caloptilia syringella* F. (Gracillariidae), *Mesapanea secalis* L., *Oria musculosa* HB., *Sesamia nonagrioides* LED. (Noctuidae), *Anthonomus pomorum* (Curculionidae), *Lipara lucens* MG. (Chloropidae), *Cephus pygnaeus* L. (Cephidae).

Distribution:

Western Europe, Russia, Caucasus, Kazakhstan, Mid Asia, Northern Africa, Southern Asia.

Bracon (*Glabrobracon*) *obscurator* NEES, 1834

Material:

dist. Guba, on wheat, 14.VI.61, 1 ♀, leg. Abdinbekova; dist. Astara, 29.3.1965, 2 ♂♂, leg. Abdinbekova.

Hosts:

Homoeosoma sinuellum F. (Phycitidae), *Epermenia fulviguttella* Z. (Epermeniidae), *Coleophora caespititiella* Z. (Coleophoridae), *Trachys pumila* ILL., *T. troglodytes* GYLL. (Buprestidae), *Orthomicus suturalis* GYLL., *Hylesinus fraxini* PANZ., *Ips typographus* L. (Scolytidae).

Distribution:

Russia, Caucasus, Kazakhstan, Mid Asia, Western Europe.

Bracon (*Glabrobracon*) *osculator* NEES, 1811

Material:

dist. Khachmaz, 20.V.1961, 1 ♀, leg. Abdinbekova; dist. Guba, 7.VIII.1962, 2 ♀♀, leg. Abdinbekova; dist. Lerik, 30.VI.1961, 1 ♂, leg. Abdinbekova; dist. Goychay, 5.VIII.1964, 12 ♀♀, leg. Abdinbekova; dist. Mardakert (Aghdere), 6.VIII.1966, 16 ♀♀, 5 ♂♂, leg. Abdinbekova; dist. Margushevan (now Khojavend), VI.VIII.1966, 13 ♀♀, leg. Abdinbekova; dist. Mirbashir (now Tartar), 17.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Dashkasan, 23.VIII.1966, 1 ♂, leg.Abdinbekova; dist. Agdam, 5.VIII.1966, 5 ♀♀, leg. Abdinbekova; dist. Gasym-Ismayilov (now Goranboy), 7.VIII.1966, 2 ♀♀, 2 ♂♂, leg. Abdinbekova; dist. Shamkir, 19.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Kalbajar, 23.VII.1966, 3 ♀♀, 2 ♂♂, leg. Abdinbekova; dist. Goygol, 8.IX.1966, 2 ♀♀, leg. Abdinbekova; dist. Gadabay,16.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Ordubad, 15.IX.1967, 1 ♀, leg. Abdinbekova; Nakhchivan AR, 17.IX.1967, 1 ♀, leg. Abdinbekova.

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Hosts:

Coleophora (Coleophoridae).

Distribution:

Whole Palearctic.

Bracon (*Glabrobracon*) *pineti* Thomson, 1836

Material:

dist. Guba,7.IX.1962, 2 ♀♀, leg. Abdinbekova; dist. Masally, 28.5.1965, 4 ♀♀, leg. Abdinbekova; dist. Khankendi, 22.VIII.1966, 2 ♀♀, 1 ♂, leg. Abdinbekova.

Hosts:

Laspeyresia strobilells L. (Tortricidae), *Ernobius abietis* F., *E. abietinus* Gyll., *E. nigrinus* Strum., *E. longicornis* Strum. (Anobiidae).

Distribution:

Russia, Caucasus, Kazakhstan, Mid Asia, Western Europe.

Bracon (*Glabrobracon*) *popovi* Telenga, 1936

Material:

dist. Guba, 15.V.1962, on wheat, 3 ♀♀, leg. Abdinbekova.

Hosts:

unkown.

Distribution:

Southern Russia, Caucasus, Kazakhstan, Mid Asia.

Bracon (*Glabrobracon*) *tschitscherini* Kokoujev, 1904

Material:

dist. Tovuz, Steppe Turut (now Steppe Gazakh), 24.IV.1940, 1 ♂, leg. Bogachev; dist. Qusar, 15.VII.1960, 1 ♀, leg. Abdinbekova; dist. Masally, 26.V.1965, 1 ♀, leg. Abdinbekova; dist. Shamakhy, 10.VI.1966, 1 ♀, leg. Abdinbekova; dist.Kalbajar, 23.VII.1966, 1 ♀, leg. Abdinbekova; dist. Gasym-Ismayilov (now Goranboy), 26.VII.1966, 1 ♂, leg. Abdinbekova; dist. Khankendi, 22.VIII.1966, 1 ♀, leg. Abdinbekova; dist. Khachmaz,19.VII.61, 1 ♀, leg. Abdinbekova.

Hosts:

unknown.

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Distribution:

Southern Russia, Azerbaijan, Kazakhstan, Mid Asia.

Genus *Ceratobracon* TELENGA, 1936

Ceratobracon stshegolevi TELENGA, 1933

Material:

dist. Qusar, 22.VII.1960, fruit garden, forest on grasses, 1 ♀, leg. Abdinbekova; same locality, 15.VI.1962, 1 ♀, leg. Abdinbekova; dist. Guba, 21.V.1961, fruit garden, on grasses, 8 ♀♀,leg. Abdinbekova; dist. Agsu, 21.V.1964, 2 ♀♀, leg. Abdinbekova; 28.5.64, in grain field on grain, 1 ♀, leg. Abdinbekova; dist. Goychay, 21.V.1964, in grain field, 3 ♀♀, leg. Abdinbekova.

Hosts:

Cephus pygmaeus L. (Cephidae).

Distribution:

Caucasus, Mongolia, Uzbekistan, Azerbaijan.

Genus *Habrobracon* ASHMEAD, 1895

Habrobracon hebetor SAY, 1836

Material:

Norashen (now Sharur), 7.VII.1960, 4 ♀♀, leg. Kurbanov; same locality, 22.IX.1960, 2 ♂♂, leg. Kurbanov; dist. Goychay, 19.VII.1964, cotton field, 3 ♀♀, 2 ♂♂, leg. Abdinbekova; dist. Guba, 21.VI.1966, fruit garden, forest, 4 ♀♀, leg. Abdinbekova; Margushevan (now Khojavend), 21.VI.1966, 2 ♀♀, leg. Abdinbekova; dist. Khachmaz, 20.V.1962, alfalfa field, 2 ♂♂, leg. Abdinbekova; Astarkhan-Bazar (now Jalilabad), 26.IV.1965, 1 ♀, leg. Abdinbekova; dist. Yardimly, forest, on grass, 10.IX.1965, 1 ♀ leg. Abdinbekova.

Hosts:

Archips murinana HB. (Tortricidae), *Schroed grasella* F., *Heliothis armigera* HBN.(Noctuidae), *Cnephasia wahlbomiana* L., *Carpocapsa pomonella* L., *Laspeyresia gallicola* GUEN., *Tmetocera ocellana* F., *Cacoecia rosana* L. (Tortricidae), *Corcyra cephalonica* STT., *Dioryctria abietella* D. S., *D. schutzella* FUCHS, *Ephestia coutella* WALK., *E. elutella* HB., *E. kühniella* Z., *Galleria melonella* Z., *Myelois ceratoniae* ZELL., *Plodia interpunctella* L., *Pyrausta nubialis* NB., *Homeosoma nebulella* HB., *Etiella zinkenella* TR., *Euzophera punicaella* MOOR., (Pyralidae), *Earias insulana* BSD. (Nolidae), *Platyedra malvella* HB.(Geometridae), *Gnorimoschema* (*phthorimaea*) *ocellatella* BOYD., *Pexicopia malvella* HB., (Gelechiidae), *Biorrhiza pallida* OL. (Cynipidae), *Heliothis peltigera* DEN. et SCHIFF. (Noctuidae), *Diurnea fagella* F. (Chimabachidae).

Distribution:

Cosmopolitan species, Western Europe, Northern America, Georgia, Azerbaijan, Armenia.

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Habrobracon kopetdagi Tobias, 1957

Material:

dist. Shahbuz, 31.VII.1967, forest, under the cortex, 1 ♀, leg. Mamedov.

Hosts:

Anthaxia plaviltschikovi Obenb. (Buprestidae), *Anarsia lineatella* Z. (Gelechiidae).

Distribution:

Mid Asia, Kazakhstan, Caucasus, Azerbaijan.

Habrobracon nigricans Szépligeti, 1901

Material:

dist. Guba, 23.IV.1962, fruit gardens, on grass, 1 ♂.

Hosts:

Etiella zinkcenella Tr. (Phycitidae), *Pexicopia malvella* Hb. (Gelechiidae), *Pyrausta sticticalis* L. (Pyraustidae), *Cnephasia sedaana* Const. (Tortricidae).

Distribution:

Hungary, Mongolia, China, Kazakhstan, Mid Asia, Azerbaijan.

Habrobracon telengai Muljarskaya, 1955

Material:

dist. Khachmaz, fruit gardens, 19.VII.1962, 1 ♀, leg. Abdinbekova; dist. Goychay, cotton field, 5.VIII.1964, 1 ♀, 2 ♂♂, leg. Mirzazadeh; dist. Mardakert (now Aghdere), 16.VIII.1966, fruit gardens, on grass, 1 ♀, leg. Abdinbekova.

Hosts:

Spilonota ocellana F., *Gypsonoma minutana* Hb., *Pandemis chondrillana* H.-S. (Tortricidae), *Pexicopia malvella* Hb. (Gelechiidae).

Distribution:

Mid Asia, Kazakhstan, Caucasus, Azerbaijan.

Habrobracon variegator Spinola, 1808

Material:

dist. Qusar, 7.VII.1960, forest, 1 ♀, leg. Abdinbekova; same locality, 14.VII.1963, 1 ♂, leg. Abdinbekova; dist. Khachmaz, 26.VII.1960, fruit gardens, vegetable gardens, 3 ♀♀, leg. Abdinbekova; dist. Guba, 20.VII.1961, fruit gardens, 5 ♀♀, 3 ♂♂, leg. Abidnbekova; dist. Goychay, 20.VI.1964, 3 ♀♀, leg. Mirzazadeh; same locality, 10.V.1964, 1 ♀, leg. Abdinbekova;

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dist. Ordubad. 20.X.1961, 3 ♀♀, leg. Mamedov; dist. Mardakert (now Aghdere), 8.VIII.1966, 2 ♀♀, leg. Abdinbekova.

Hosts:

Tortrix viridana L., *Laspeyresia strobilella* L., *Archips rosana* L. (Tortricidae), *Recurvaria nanella* DEN. et SCHIFF., *Anarsia lineatella* Z., *Teleia modesta* DANIL. (Gelechiidae), *Endrosis sarcitrella* L., *Agonopterix propinquella* TR. (Oecophoridae), *Acrobasis obtisella ottomana* CAR., *Hyphantidium terebrellum* ZK. (Phycitidae), *Coleophora ibipennella* Z. (Coleophoridae), *Lithocolletis mespilella* HB., *L. kleemannella* F. (Gracillariidae), *Yponomeuta padellus* L. (Yponomeutidae), *Ernobius abietis* F. (Anobiidae).

Genus *Iphiaulax* FÖRSTER, 1862

Iphiaulax impeditor (KOKUJEV, 1898)

Material:

dist. Astrakhan bazar (now Jalilabad), 26.VI.1965, 1 ♂, leg. Abdinbekova; dist. Masally, 27.VI.1965, 1 ♀, leg. Abdinbekova; dist. Yardimly, 28.VI.1965, 1 ♀, 1 ♂, leg. Abdinbekova; dist. Lerik, 20.VII.1966, 1 ♀, 1 ♂, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

West Siberia, Mid Asia, Kazakhstan, Azerbaijan.

Iphiaulax impostor (SCOPOLI, 1763)

Material:

dist. Ganja, 15.VIII.1932, fruit garden, on grasses, 2 ♂♂, 1 ♀, leg. Vinovski; dist. Aghstafa, v. Eldar Poilu, 2.V.1935, 1 ♂, leg. Bogachev; dist. Kutkashen (now Gabala), 10.VIII.1935, 1 ♀, leg. Bogachev; Mughan, 26.VI.1938, 1 ♀, leg. Bogachev.

Hosts:

Rhagium inquisitor L., *Monochamus sutor* L., *Saperda populnea* L., *Aegomorphus clavipes* SCHR., *Plagionotus arcuatus* L., *Acanthocinus aedilis* L., *Oberea linearis* L., *Apriona germari* HOPE, *Icosium tomentosum* LUC., *Leiopus nebulosus* L. (Cerambycidae), *Anthaxia morio* F. (Buprestidae), *Zeuzera leuconotum* BTL. (Cossidae).

Distribution:

Western Africa, Western Europe, Eastern Siberia, Dagestan, Azerbaijan, Georgia.

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***Iphiaulax mactator* (KLUG, 1817)**

Material:

dist. Nukha (now Sheki), 30.V.1935, 1 ♀, leg. Bogachev.

Hosts:

Acanthocinus aedilis L. (Cerambycidae).

Distribution:

Caucasus, Kazakhstan, Area eastern of the Baikal Lake, South, Central Europe, Iran, Mongolia.

***Iphiaulax tauricus* SHESTAKOV, 1927**

Material:

dist. Aghstafa, v. Eldar Poilu, 18.V.1935, 1 ♀, leg. Bogachev.

Hosts:

unknown.

Distribution:

Crimea, Western Kazakhstan, Southern Caucasus.

***Iphiaulax umbraculator* (NEES, 1834)**

Material:

dist. Masally, 27.VI.1965, in the kitchen gardens, on fennel, 1 ♀, leg. Abdinbekova; dist. Yardimly, 28.VI.1965, in the forest, 1 ♀, 1 ♂, leg. Abdinbekova; dist. Lerik, 20.VII.1965, in meadow, on xerophytes, 1 ♀, 1 ♂, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Southern and Central Europe, Caucasus, Kazakhstan, Mid Asia.

Genus *Pseudovipio* SZÉPLIGETI, 1896

***Pseudovipio castrator* (FABRICIUS, 1798)**

Material:

dist. Khachmaz, 29.VII.1961, 9 ♀♀, 8 ♂♂, leg. Abdinbekova; dist. Goychay, 1 ♀, leg. Abdinbekova.

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Hosts:

Chrysobothris affinis F. (Buprestidae), *Lixus juncii* BOH. (Curculionidae), *Plagionotus arcuatus* L. (Cerambicidae), *Gortyna xanthenes* GERM. (Noctuidae).

Distribution:

Southern and Central Europe, Northern Africa, Asia Minor, Mongolia, Caucasus, Kazakhstan, Mid Asia.

***Pseudovipio inscriptor* (NEES, 1834)**

Material:

city Baku, city Sumgait, 24.IV.1937, 1 ♀, leg. Bogachev; dist. Shamakhy 26.VI.1937, 2 ♀♀, leg. Boghachev; dist. Guba, 3.VII.1962, fruit garden, forest, alfalfa field, 1 ♀, 2 ♂♂, leg. Abdinbekova; dist. Goychay, 14.V.1964, 4 ♀♀, leg. Abdinbekova; dist. Ujar, 19.V.1964, 1 ♀, leg. Abdinbekova; dist. Yardimly, 24.VII.1965, 10 ♀♀, 12 ♂♂, leg. Abdinbekova; Nakhchivan AR, 16.IX.1967, 1 ♀, leg. Abdinbekova; dist. Ordubad, 29.V.1967, 1 ♂, leg. Abdinbekova.

Hosts:

Ostrinia nubilalis HB. (Pyralidae).

Distribution:

Western Europe, Caucasus, Kazakhstan, Mid Asia.

***Pseudovipio tataricus* (KOKUJEV, 1932)**

Material:

dist.Agdam, 15.VI.1964, cotton field, on grass, 1 ♀, leg. Abdinbekova; dist. Mingechevir, 8.V.1966, near to cotton field, 1 ♀, leg. Hidayatov.

Hosts:

Lixus incanescens BOH. (Curculionidae).

Distribution:

Iran, Mongolia, Mid Asia, Kazakhstan, Azerbaijan.

Genus *Vipio* LATREILLE, 1804

***Vipio contractor* (NEES, 1834)**

Material:

Myle steppe, 17.IV.1935, 2 (damaged material), leg. Bogachev.

Hosts:

unknown.

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Distribution:

Western Europe, Southern Russia, Caucasus, Kazakhstan, Mid Asia, Area eastern of the Baikal Lake.

Vipio humerator (Costa, 1885)

Material:

dist. Shamakhy, 29.VI.1930, 1 ♂, leg. Bogachev; dist. Qakh, 22.VIII.1934, 1 ♀, leg.Bogachev; dist. Shamakhy, 29.VI.1937, 2 ♀♀, leg. Bogachev; dist. Guba, 28.VII.1962, 2 ♂♂, leg. Abdinbekova; same locality, 30.VI.1939, 1 ♀, leg. Tirtishnikov.

Hosts:

unknown.

Distribution:

Moldova, Crimea, Hungary.

Vipio mlokossewiczi Kokujev, 1898

Material:

dist. Fizuly, 12.VI.1929, 1 ♀, leg. Yelistratov; Nakhchivan AR, 2.VI.1967, 1 ♀, leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Iran, Southern Caucasus, Azerbaijan, Georgia, Mid Asia.

Vipio nominator Fabricius, 1793

Material:

Myle steppe, 17.VI.1935, 1 ♀, leg. Bogachev.

Hosts:

Acanthocinus griseus F. (Cerambycidae), *Hylecoetus dermestoides* L., *Lymexylon navale* L. (Lymexylonidae).

Distribution:

Western Europe, Caucasus, Northern Africa, Mid Asia, Mongolia.

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Vipio nomioides SHESTAKOV, 1926

Material:

dist. Sheki, 17.VII.1933, 1 ♀, leg. Vinovski.

Hosts:

unknown.

Distribution:

Iran, Azerbaijan.

Vipio striolatus FAHRINGER, 1925

Material:

dist. Qusar, 14.VII.1965, motley grass, 1 ♀, leg. Abdinbekova; Nakhchivan AR, 12.VI.1967, 1 (damaged material), leg. Abdinbekova.

Hosts:

unknown.

Distribution:

Southern Caucasus, Azerbaijan, Mid Asia.

Vipio tentator (ROSSI, 1790)

Material:

dist. Yardimly, 17.VI.1965, 1 ♀, leg. Abdinbekova; dist. Masally, 17.VI.1965, 1 ♀, leg. Abdinbekova.

Hosts:

Agrilus coeruleus HERBST (Buprestidae).

Distribution:

Southern of the Western Europe, Northern Africa, Kazakhstan, Mid Asia, Dagestan, Georgia.

Vipio terrefactor (VILLERS, 1789)

Material:

dist. Lankaran, 12.VI.1929, 1 ♀, leg. Selevanchik.

Hosts:

unknown.

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A map of Azerbaijan: ▲ - the areas of material collection. - ○ destinations.

Distribution:

Southern-Western Europe, South of the Western Russia, Caucasus, Asia Minor, Iran, China.

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