

Lycaenid foodplants in Kazakhstan and Middle Asia

(Lepidoptera, Lycaenidae)

by

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Summary: In this paper foodplants of 91 species of Lycaenidae from Kazakhstan and Middle Asia are listed.

Zusammenfassung: In dieser Arbeit werden die Nahrungspflanzen für 91 Lycaeniden-Arten aus Kasachstan und Mittelasien aufgelistet.

Резюме: В статье приводятся кормовые растения 91 вида голубянок (Lycaenidae), обитающих в Казахстане и Средней Азии.

The biology of most species of Lycaenidae is little known or even unknown and data on larval foodplants are completely lacking in some species. The study of the biology and particularly of the larval foodplants is of great importance to reveal the phylogenetic relationships of the species in a family.

The list given below deals with the larval foodplants of the usually little known Lycaenidae of Kazakhstan and Middle Asia. Data are also presented for the foodplants of species from nearby related species of Lycaenidae from other areas. The majority of the representatives of this family occurring in Kazakhstan and Middle Asia are found in mountainous regions, and transliteration of the Russian names for the mountain ranges is used to record their distribution.

Generic taxa which are marked by an asterisk (*) are described by ZHDANKO, 1994. The species *Astragalus* and *Oxytropis* were determined by Dr. R. V. KAMELIN. The plant classification is given according to CHEREPANOV (1981).

Abbreviations

vic. – vicinity

vill. – village

riv. – river

res. – reserve

distr. – distribution

Material and methods

The material for this article was collected in 1978–1994. Foodplant data are provided mainly on the base of observations of ovipositing females in the field. Usually these females were collected for proper determination. Eggs were put in 70% alcohol. A part of the eggs was conserved on the dry foodplant.

Species noted by double asterisk (**) were bred from the caterpillar or the pupa under laboratory conditions.

Thecla betula (LINNAEUS, 1758)

Betulaceae

Crataegus sanguinea PALL. – South Altai: Sarymsakty mts. 8.VIII.1979.

Superflua sassanides (KOLLAR, [1849])

Rosaceae

Amygdalus spinosissima BNGE. – West Tian-Shan: riv. Aksu 13.VII.1990; Alai: 25 km S Schachimardan 17.VII.1992. Kugitang mts.: canyon Sov-Doker 11.V.1991.

Superflua acaudata (STAUDINGER, 1891)

Rosaceae

Cerasus erythrocarpa NEVSKI – Alai: 25 km S. Schachimardan 18.VII.1992; Talasskii Alatau: canyon riv. Aksu 12.VII.1990.

Cerasus tianschanica POJARK. – Zailiiskii Alatau: 20 km S Chilik 15.VI.1991.

Neolycaena rhymnus (EVERSMANN, 1832)

Fabaceae

Caragana frutex (L.) – North-West Kazakhstan: 155 km E Uralsk 10.VI.1989; Centr. Kazakhstan: 80 km NE Balchasch 12.VI.1978; Tarbagatai mts.: 45 km N Urdzhar 22.VI.1994.

Neolycaena tengstroemi (ERSCHOFF, 1874)**

Fabaceae

Astragalus paucijugis C. A. MAY – East Kyzylkum: 70 km W Bairkum 5.X.1992; Taukum: 40 km N Akschi 16.VI.1977; Sary-Isyk- Otyrau desert: riv. Lepsy, 75 km N Saratovka 8.VI.1985.

Caragana grandiflora (BIEB.) DC. ? – Myngystau mnt. (Mangyschlak).

Neolycaena eckweileri LUKHTANOV, 1993

Fabaceae

Caragana aurantiaca KOHNE – Dzhungarskii Alatau: 5 km NW Taldy-Kurgan 3.VI.1985; 30 km S Koktuma 24.VI.1985; Zailiiskii Alatau: 35 km W Almaty 24.VI.1989.

Neolycaena submontana ZHDANKO, 1990

Fabaceae

Astragalus arbuscula PALL. – Zailiiskii Alatau: 33 km W Almaty 1200 m 10.VI.1990; 26 km S Chilik 1200 m 28.V.1994.

Neolycaena sinensis (ALPHERAKY, 1881)

Fabaceae

Caragana aurantiaca KOHNE – Kuluktau mts.: Kegen pass 1500 m 25.VI.1984.

Neolycaena pretiosa (STAUDINGER, 1886)**

Fabaceae

Caragana turkestanica KOM. – Darvaz mts. (J. J. STSHETKIN, 1972)**; Alai mnt.: 25 km S Schachimardan 2000 m 18.VII.1992.

Callophris rubi (LINNAEUS, 1758)**

Fabaceae

Calophaca soongorica KAR. et KIR. (= *C. hovenii*) – Tarbagatai mts.: 50 km N Urdzhar 12.VI.1986 (caterpillar in flowers).

Tomares fedtschenkoi (ERSCHOFF, 1874)

Fabaceae

Astragalus chlorodontus BNGE. – Zailiiskii Alatau: 25 km W Almaty 30.IV.1984.

Astragalus agameticus LIPSKI – Badchyz distr. (MURZIN, 1986).

Tomares callimachus (EVERSMANN, 1848)

Fabaceae

Astragalus macropterus D. C. – Zailiiskii Alatau: 110 km W Almaty riv. Kara-Kastek 1300 m 14.V.1989.

Tomares romanovi (CHRISTOPH, 1882)

Fabaceae

Astragalus schachrudensis BNGE. – Kopet-Dagh: 55 km W Aschghabad 16.IV.1991.

Lycaena helle ([DENIS & SCHIFFERMÜLLER], 1775)

Polygonaceae

Polygonum nitens (FISCH. et MAY) ? – Dzhungarskii Alatau: 45 km S Uch-Aral 2500 m 22.VI.1985.

Lycaena phlaeas (LINNAEUS, 1761)

Polygonaceae

Rumex acetosa L. – Zailiiskii Alatau: 25 km E Almaty, Talgar 2700 m 26.VII.1988.

Thersamonolycaena dispar (HAWORTH, 1803)

Polygonaceae

Rumex acetosa L. – Zailiiskii Alatau: 25 km W Almaty 6.VI.1984.

Thersamonolycaena splendens (STAUDINGER, 1881)

Polygonaceae

Polygonum alpinum ALL. – Zailiiskii Alatau: riv. Talgar 2800 m 19.VIII.1988: not sure, I didn't observe the oviposition.

Thersamonolycaena alciphron (ROTTEMBURG, 1775)

Polygonaceae

Rumex acetosa L. – Zailiiskii Alatau: vic. Almaty 9.V.1978.

Phoenicurusia margelanica (STAUDINGER, 1881)

Polygonaceae

Atraphaxis pyrifolia BNGE. – Gissar mts. (STSHETKIN, 1960); Zailiiskii Alatau: 25 km S Chilik 1200 m 14.VI.1991. Talasskii Alatau: canyon riv. Aksu 12.VII.1990.

Athamanthia athamantis (EVERSMANN, 1854)

Polygonaceae

Atraphaxis spinosa L. – Taukym: 40 km NE Akschi 16.VI.1977; Saisan distr.: 15.VI.1980; Ili desert: 34 km E Chilik 10.VI.1991.

Athamanthia alexandra (PÜNGELER, 1901)

Polygonaceae

Atraphaxis spinosa L. – Chu-Ili mts.: 155 km W Almaty Anarchai distr. 13.VI.1975; Boguty mts.: 34 km E Chilik 6.VI.1991.

Athamanthia phoenicurus (LEDERER, 1872)**

Polygonaceae

Atraphaxis spinosa L. – West Kopet-Dagh: caterpillar 25.04.–4.V.1953. (KUZNETZOV, 1960); centr. Kopet-Dagh Firujza 18.V.1991.

Athamanthia ruschanica ZHDANKO, 1990

Polygonaceae

Atraphaxis spinosa L. – Pamir: not sure, I didn't observe the oviposition.

Athamanthia sogdiana ZHDANKO, 1990**

Polygonaceae

Atraphaxis spinosa L. – Babatag mnt.: caterpillar – IV.1989 (O. LEGEZIN); Kugitang mts.: gor. Sov-Doker 9.V.1991.

Athamanthia dimorphus (STAUDINGER, 1881)

Polygonaceae

Atraphaxis spinosa L. – Archarly mts.: 85 km N Saratovka.

Atraphaxis laetevirens (LEDEB.) JAUB. et SPACH. – Dzhungarskii Alatau: 45 km S Uch-Aral 21.VI.1985; 5 km NE Taldy-Kurgan 4.VI.1985; Zailiiskii Alatau: 25 km S Chilik 14.VI.1991.

Athamanthia turgena ZHDANKO, 1990

Polygonaceae

Atraphaxis pyrifolia BNGE. – Zailiiskii Alatau: riv. Turgen 1500 m 4.VII.1984.

Athamanthia japhetica irgiza (NEKRUTENKO, 1984)

Polygonaceae

Atraphaxis spinosa L. – Centr. Kazakhstan: vic. Aktogai 16.VI.1978.

Athamanthia infera (NEKRUTENKO, 1984)

Polygonaceae

Atraphaxis pyrifolia BNGE. – Talasskii Alatau: res. Aksu-Dzhabagly 26.VI.1991.

Thersamonia thersamon (ESPER, [1784])

Polygonaceae

Polygonum bistorta L. – North-West Kazakhstan: 150 km W Uralsk 8.VI.1989.

Atraphaxis laetevirens (LEDEB.) JAUB. et SPACH.- Sjugoty mts.: 157 km E Almaty, gor. Kokpek 1500 m 21.V.1994.

Artemisia dracunculus L.? – Gissar mts. riv. Sching 2600 m 17.VII.1993.

Thersamonia solskyi (ERSCHOFF, 1874)

Limoniaceae

Acantholimon laxum CZERNIAK. – Talasskii Alatau: res. Aksu Dzhabagly 2000 m 15.VII.1970 and 12.VII.1990.

Thersamonia lampon (LEDERER, 1872)

Limoniaceae

Acantholimon erinacium (JAUB. et SPACH.) or *A. pulchellum* KOROV. – Centr. Kopet-Dagh: not sure, I didn't observe the oviposition.

Thersamonia alpherakyi (GRUM-GRSHIMAILO, 1888)

Limoniaceae

Acantholimon pamiricum CZERNIAK, *A. diapensioides* BOISS. – East Pamir: not sure, I didn't observe the oviposition.

Hyracanana sultan (STAUDINGER, 1886) *H. sartha* (STAUDINGER, 1886)

Polygonaceae

Polygonum paronychioides C. A. MAY – Gissar mts.: riv. Sching 2000–3000 m 25.–29.VII.1993.

Hyracanana pamira NEKRUTENKO, 1983

Polygonaceae

Polygonum paronychioides C. A. MAY – West Pamir: not sure, I didn't observe the oviposition.

Apharitis epargyros (EVERSMANN, 1854)

Fabaceae

Alhagi pseudoalhagi (BIEB.) FISCH. – Ili desert: 35 km E Chilik 6.-8.VI.1991.

Alhagi canescens (RGL.) SHAP. – East Kyzylkum Kulzhuktau mts. (FALKOVICH, 1986).

Lampides boeticus (LINNAEUS, 1767)**

Fabaceae

Alhagi spec. – East Kyzylkum Kulzhuktau mts. (FALKOVICH, 1986).

Colutea persica – Vachsch valley (J. L. STSHETKIN, 1960).

Colutea paulsenii FREYN. et SINT, *Astragalus* spec. – Gissar mts.: riv.Sching 2450 m, 21.VII.1993.

Lachides galba (LEDERER, 1855)**

Mimosaceae

Lagonychium farctum (BANKS. et SOLEND.) BOBR. – Vachsch valley (J. L. STSHETKIN, 1960).

Tarucus balcanicus (FREYER, 1844)**

Rhamnaceae

Paliurus spina-christi MILL. – Kopet-Dagh mts. (KUZNETZOV, 1960; DARICHEVA, 1972).

Freyeria trochylus (FREYER, 1844)**

Boraginaceae

Heliotropium ellipticum LEDEB. – East Kyzylkum (FALKOVICH, 1986); Babatag mts. (O. LEGEZIN, pers. comm.).

Everes argiades (PALLAS, 1771)

Fabaceae

Trifolium pratense L. – Zailiiskii Alatau: Almaty, riv. Vesnovka 3.VII.1994.

Cupido buddhista (ALPHERAKY, 1881)

Fabaceae

Oxytropis pagobia BNGE. – Zailiiskii Alatau: 25 km E Almaty Talgar 3300 m 1.VIII.1989.

Oxytropis trajectorium B. FEDTSCH., *O. savellanica* BNGE. – res. Aksu-Dzhabagly, riv. Bachramsu 3100 m 27.VII.1991.

Oxytropis microsphaera Bge. – Terskei Alatau, riv. Tujp 3000 m 20.VII.1984.

Cupido prosecusa (ERSCHOFF, 1874)**

Fabaceae

Sphaerophysa salsula (PALL.) DC. – Ili desert: 42 km E Chilik; 22 km N Masak 12.VI.1991.

Halimodendron halodendron (PALL.) VOSS. – Ibid. ** (caterpillar in flowers).

Cupido staudingeri (CHRISTOPH, 1873)

Fabaceae

Astragalus (Tragacantha) spec. – Centr. Kopet-Dagh mts.: 2100 m 22.V.1991.

Tongeia fischeri (EVERSMANN, 1843)

Crassulaceae

Orostachis spinosa (L.) C. A. MAY – East Kazakhstan: 12 km E Zharma 12.VI.1979; South Altai: Sarymsakty mts. 23.VI.1981; Tarbagatai mts.: 52 km NE Urdzhar 1250 m 15.VI.1985.

Celastrina argiolus (LINNAEUS, 1758)**

Rhamnaceae

Malus sieversii (LEDEB.) M. ROEM., rare apple tree – North Tian-Shan: vic. Bischkek V.1980, caterpillar on the apple.**

Cuscutaceae

Cuscuta engelmannii KORSH., *C. lehmanniana* BNGE. – Talasskii Alatau: res. Aksu-Dzhabagly 27.VI.1991.

Scolitantides orion (PALLAS, 1771)

Crassulaceae

Sedum hybridum L. – Zailiiskii Alatau: riv. Talgar 1600 m 11.VI.1984; Tarbagatai mts.: 40 km N Urdzhar 2000 m 13.VI.1985.

Praephilotes antracias (CHRISTOPH, 1877)**

Polygonaceae

Calligonum leucocladum (SCHRENK) BNGE. – Sary-Isyk-Otyrau desert: 42 km N Bakanas, 23.IV.1984.

Calligonum eriopodium BNGE., *C. microcarpum* BORSZCZ. – South Karakum: 6 km N Aschgab, 4.V.1991 (caterpillar).**

Calligonum griseum KOROV. et PAVL. – Vachs valley (J. L. STSHETKIN, 1960).

Calligonum spec. – East Kysylkum: Kulzhuktau (FALKOVICH, 1986).

Turanana panageides (STAUDINGER, 1886)

Limoniaceae

Acantholimon laxum CZERNIAK – Talasskii Alatau: res. Aksu-Dzhabagly 30.VIII.1991; *ibid.* vic. Tujlkubas 2.IX.1991.

Acantholimon alatavicum BNGE. – Kegen distr. Scholodyr mts.: 25.VI.1984.

Turanana dushak DUBATOLOV, 1989 (= *ahasveri* BYT.-SALZ?)

Limoniaceae

Acantholimon pulchellum KOROV. – Centr. Kopet-Dagh: not sure, I didn't observe oviposition.

Turanana kugitangi ZHDANKO, 1984

Limoniaceae

Acantholimon erythraeum – Kugitang mts.: not sure, I didn't observe the oviposition.

Iolana andreasi (SHELJUZHKO, 1919)**

Fabaceae

Colutea atabaevii FEDTSCH. (= *kopetdaghensis*) – Kopet-Dagh mts.: caterpillar in pods (KUZNETZOV, 1960)

Iolana gigantea (GRUM-GRSHIMAILO, 1885)**

Fabaceae

Colutea paulsenii FREYN. et SINT. – Gissar mts.: riv. Sching 2400 m, 24.VII.1993.

Glaucopsyche alexis (PODA, 1761)

Fabaceae

Hedysarum montanum (B. FEDTSCH.) – Zailiiskii Alatau: 33 km W Almaty 4.VI.1989.

Pseudophilotes vicrama (MOORE, 1865)

Lamiaceae

Thymus marschallianus WILD. – Sujgoty mts.: 8 km E Kokpek 31.V.1994.

Maculinea alcon ([DENIS & SCHIFFERMÜLLER], 1775)

Gentianaceae

Gentiana tinschanica RUPR. – Zailiiskii Alatau: riv. Talgar 1800 m 12.VII.1988; Dzhungarskii Alatau: riv. Usek 2100 m 8.VII.1993.

Maculinea arion (LINNAEUS, 1758)

Lamiaceae

Ziziphora clinopodioides LAM. – NW Kazakhstan: vic. Aksai, 10.VI.1989; Sujgoty mts.: 23.V.1994.

Plebejus idas (LINNAEUS, 1761)

Fabaceae

Astragalus alpinus L. – E Kungei Alatau: riv. Karkara 2000 m 18.VII.1984.
Cicer flexuosum LIPSKY – Gissar mts.: riv. Sching 2700 m 22.VII.1993.

Plebejus argus (LINNAEUS, 1758)

Fabaceae

Astragalus testiculatus PALL. – NW Kazakhstan: 150 km W Uralsk 12.VI.1989.

Plebejus argyrognomon (BERGSTRÄSSER, [1779])

Fabaceae

Astragalus brachilobus DC. – NW Kazakhstan: 150 km W Uralsk 9.VI.1989.
Astragalus sogotensis LIPSKY – Ili desert: 42 km E Chilik 20.–23.V.1993.

Plebejus christophi (STAUDINGER, 1874)**

Fabaceae

Alhagi pseudalhagi (BIEB.) FISCH. – East Kyzylkum Kulzuktai mts. (FALKOVICH, 1986).**

Elaeaginaceae

Hyppophae rhamnoides L. – Tadzhikistan, valley riv. Obichingou (DEGTJAREVA & STSHETKIN, 1975).**

Plebejus eversmanni (STAUDINGER, 1886)

Fabaceae

Chesneya ternata KORSCH. – Kopet-Dagh mts.: not sure, I didn't observe the oviposition.
Chesneya quinata FED. – Alai mts.: 40 km S Schachimardan 2000 m 18.VII.1992.
Chesneya gissarica BORISS. – Gissar mts.: riv. Sching 1600 m 15.VII.1993.

Plebejus pylaon (FISCHER VON WALDHEIM, 1832)

Fabaceae

Astragalus rupifragus PALL. – NW Kazakhstan: 150 km W Uralsk 29.V.1990.

Plebejus zephyrinus (CHRISTOPH, 1884)

Fabaceae

Astragalus spec. – Sujgoty mts.: 5 km E Kokpek 4.VI.1980.

Farsia sieversi (CHRISTOPH, 1873)

Fabaceae

Astragalus sericeopuberulus BORISS. – Gissar mts.: riv. Sching 2700 m 26.VII.1993.

Glabrobus elvira (EVERSMANN, 1854)

Limoniaceae

Limonium gmelinii (WILLD.) KTZE. – Ili desert.: 22 km NE Masak 12.VI.1991.

Glabrobus cyane (EVERSMANN, 1837)

Limoniaceae

Gonioiimon cuspidatum GAMAJUN. – Zailiiskii Alatau: riv. Chilik 2900 m 11.VIII.1989; Sujgoty mts.: 6 km E Kokpek 9.VII.1984.

Limonium leptolobum (RGL.) KTZE. – Sary-Isyk-Otyrau desert: 17 km NE vill. Lepsy 9.VI.1985.

* *Rimisia miris* (STAUDINGER, 1881)

Fabaceae

Astragalus balchaschensis SUMN. – Sary-Isyk-Otyrau desert: 17 km NE vill. Lepsy 9.VI.1985.

Aricia agestis ([DENIS & SCHIFFERMÜLLER], 1775)

Geraniaceae

Geranium collinum STEPH., *G. divaricatum* EHRH. – Talasskii Alatau: res. Aksu-Dzhabagly 26.VII.1990.

Aricia nicias (MEIGEN, 1829).

Geraniaceae

Geranium pratense L. – South Altai: vic. Zyrajnovsk 30.VI.1981.

Aricia allous (GEYER, [1836]) (= *scythissa* NEKR.)

Geraniaceae

Geranium saxatile KAR. et KIR. – Zailiiskii Alatau: riv. Talgar 1800 m 14.VII.1988.

* *Umpria chinensis* (MURRAY, 1874)

Geraniaceae

Erodium oxyrhynchum BIEB. – Ili desert: 45 km E Chilik 10.VI.1991.

Eumedonia eumedon (ESPER, [1780])

Geraniaceae

Geranium saxatile KAR. et KIR., *G. collinum* STEPH. – Talasskii Alatau: res. Aksu-Dzhabagly Kschi-Kaindy pass 3000 m 4.VIII.1993.

Eumedonia kogistana GRUM-GRSHIMAILO, 1888)

Geraniaceae

Geranium spec. – Darvaz mts.: not sure, I didn't observe the oviposition.

Eumedonia persephatta (ALPHERAKY, 1881)

Geraniaceae

Geranium saxatile KAR. et KIR. – Zailiiskii Alatau: riv. Talgar 1700 m 14.VI.1984.

Agridades pheretiades (EVERSMANN, 1843)

Primulaceae

Androsace lehmanniana SPRENG. – Turaigur mts.: 2500 m 9.VII.1984; Kuluktau mts. Kegen pass 15.VII.1984; Kungei Alatau riv. Kara Bulak 3000 m 13.VII.1984; Dzhungarskii Alatau riv. Bien 3000 m 4.VIII.1984.

Agridades wosnesenskii (MENETRIES, 1855)

Saxifragaceae

Saxifraga spec. – South Altai: Sarymsakty mts. 15 km S vill. Novo-Berezovka 24.VI.1981.

Albulina orbitulus (DE PRUNNER, 1798)

Fabaceae

Astragalus spec. – South Altai: Sarymsakty mts. 15 km S vill. Novo-Berezovka 23.VI.1981.

Plebicula amanda (SCHNEIDER, 1792)

Fabaceae

Vicia kokanica RGL. et SCHMALH. – Alai mts.: 25 km S Schachimardan 2000 m 20.VII.1992;

Vicia costata LEDEB. – South Dzhungaria: riv. Small Usek 1.VII.1992;

Medicago romanica PROD. – N-W Kazakhstan: 150 km W Uralsk 11.VI.1989.

Plebicula thersites (CANTENER, 1843)

Fabaceae

Onobrychis viciifolia SCOP. – Zailiiskii Alatau: 33 km W Almaty 4.VI.1989.

Polyommatus icarus (ROTTEMBURG, 1775)

Fabaceae

Medicago romanica PROD., *M. falcata* L. – N-W Kazakhstan: 155 km W Uralsk 10.VI.1989.

Trifolium repens L. – Zailiiskii Alatau: riv. Talgar 1500 m 10.VI.1984.

Polyommatus icadius (GRUM-GRSHIMAILO, 1890)**

Fabaceae

Cicer songaricum STEPH. ex DC.- Tarbagatai mts.: 20 km north Urdzhar 24.VI.1994; Dzhungarskii Alatau: riv. Bien 2600 m 4.VIII.1984; vic. Kopal 1800 m 2.VIII.1984; Zailiiskii Alatau: riv. Turgen 2600 m 9.VII.1991; Alai mts.: 25 km S Schachimordan 18.VII.1992; Gissar mts.: riv. Sching 2000 m, 21.VII.1993.

Cicer flexuosum LIPSKY – Talasskii Alatau: res. Aksu-Dzhabagly 1700 m 22.VI.1991 (caterpillar in flower).

Polyommatus venus (STAUDINGER, 1886)

Fabaceae

Oxytropis talassica GONTSCH., *O. aulieatensis* VVED. – Talasskii Alatau: res. Aksu-Dzhabagly riv. Bachramsü 2800 m 27.VII.1991.

Polyommatus wiskotti (COURVOISIER, 1910)

Fabaceae

Oxytropis lapponica (WAHLENB.) J. GAY – Zailiiskii Alatau: riv. Talgar 2900 m 4.VIII.1988.

Polyommatus amor (STAUDINGER, 1886)

Fabaceae

Astragalus spec. – Gissar mts.: riv. Sching 2600 m, 22.VII.1993.

Polyommatus erotides (STAUDINGER, 1891)

Fabaceae

Astragalus nivalis KAR. et KIR. – Zailiiskii Alatau: riv. South Issyk 3300 m 9.VIII.1989.

Agrodiaetus damon ([DENIS & SCHIFFERMÜLLER], 1775)

Fabaceae

Onobrychis ferganica (SIRJ.) – Zailiiskii Alatau: riv. Turgen 2700 m 5.VII.1991.

Agrodiaetus juldusa (STAUDINGER, 1886)

Fabaceae

Hedysarum aculeatum GOLOSK. – South Dzhungaria: riv. Small Usek, 1500 m 6.VII.1993.

Agrodiaetus ripartii (FREYER, 1830)

Fabaceae

Hedysarum montanum (B. FEDTSCH.) – Zailiiskii Alatau: vic. Almaty, 29.VI.1977.

Paraagrodiaetus magnifica (GRUM-GRSHIMAILO, 1885)

Fabaceae

Onobrychis grandis LIPSKY – Talasskii Alatau: canyon riv. Aksu 28.VI.1991.

* *Alpherakya sarta* (ALPHERAKY, 1881)

Crassulaceae

Pseudosedum longidentatum BORISS. – South Dzhungaria, Zailiiskii Ala tau: 26 km S. Chilik 900 m 1.VI.1994; Talasskii Alatau: res. Aksu-Dzhabagly 1700 m 31.VIII.1991; Alai mts.: 25 km S. Schachimardan 2400 m 18.VII.1992.

Rosularia kokanica (RGL. et SCHMALH.) BORISS. – Gissar mts.: riv. Sching 2700 m 20.VII.1993.

Alpherakya devanica (MOORE, [1875])

Crassulaceae

Pseudosedum spec. – Pamir: not sure, I didn't observe the oviposition.

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