

ANDRZEJ ŁASOŃ

A checklist of the Kateretidae and Nitidulidae of Azerbaijan (Coleoptera: Cucujoidea)

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Abstract: The current knowledge of the geographic distribution of short-winged flower beetles and sap beetles (Kateretidae and Nitidulidae) from Azerbaijan is summarized. In total, 65 species of Nitidulidae (in 22 genera and 5 subfamilies: Epuraeinae, Carpophilinae, Cryptarchinae, Nitidulinae, Meligethinae) and 10 species of Kateretidae (in 4 genera: *Anamartus* JELÍNEK, *Brachyleptus* MOTSCHULSKY, *Brachypterus* KUGELANN, *Kateretes* HERBST) are listed. *Kateretes mixtus* KIREJTSHUK, *Epuraea biguttata* (THUNBERG), *Epuraea luteola* ERICHSON, *Epuraea pallescens* (STEPHENS), *Epuraea silacea* (HERBST), *Glischrochilus grandis* (TOURNIER), *Cychramus luteus* (FABRICIUS), *Boragogethes mandibularis* (SAHLBERG), *Genistogethes carinulatus* (FÖRSTER), *Sagittogethes hladili* (JELÍNEK), *Sagittogethes incanus* (STURM) and *Sagittogethes jordanis* (JELÍNEK & SPORNRAFT) are new records for Azerbaijan.

Key words: Coleoptera, sap beetles, short-winged flower beetles, checklist, Azerbaijan.

INTRODUCTION

Nitidulidae LATREILLE, 1802 are one of the largest and most diverse families belonging to the superfamily Cucujoidea and suborder Polyphaga. The family contains about 230 genera and more than 3000 species, widely distributed in all zoogeographical regions. Sap beetles are small beetles whose trophic and habitat requirements are extremely varied, utilizing a multitude of dietary niches. Kateretidae ERICHSON, 1846 are a small family of small-sized beetles, containing approximately 108 species in 16 genera. Until recently, Kateretidae were considered to be a subfamily in Nitidulidae, but were elevated to family status by AUDISIO (1984) and KIREJTSHUK (1986). The first faunistic data on beetle species from the Azerbaijan have been mentioned in the 19th century by KOLENATI (1846) and REITTER (1891, 1896). In the next century several publications appeared, which were summarized by AUDISIO *et al.* in 2000 and JELÍNEK & AUDISIO in 2007. The aim of this paper is to give a summary of the current state of knowledge on the Kateretidae and Nitidulidae of the Azerbaijan based on published and original new data collected on several entomological expeditions which took place in 2010, 2012–2014.

MATERIAL AND METHODS

The published data on Kateretidae and Nitidulidae in Azerbaijan are summarized from previous reports as well as some original material collected from different regions of the country. The catalogue comprises the following data: the valid taxon name, synonymy, and published records with provincial distribution or, when this information is not available, "Azerbaijan (no locality cited)" is given. The system, nomenclature, synonymy, and distribution follow AUDISIO (1993) and JELÍNEK & AUDISIO (2007). The taxonomy, nomenclature, and extra-Azerbaijani distribution used here follow the *Catalogue of Palaearctic Coleoptera* (JELÍNEK & AUDISIO 2007), except for *Meligethes* STEPHENS and relatives, which conform to the recent work of AUDISIO *et al.* (2009). The list of species is given alphabetically together with distribution data. Also, the following acronyms of collectors are used:

AL – Andrzej Lason

RK – Roman Królik

Unless otherwise specified in the text, all specimens are in the author's collection.

RESULTS

In total, 10 species of Kateretidae and 67 species of Nitidulidae have been recorded from Azerbaijan so far, and the list of species is given below with synonymies and distribution data. Genera and species in alphabetic order.

Kateretidae ERICHSON, 1846

Anamartus JELÍNEK, 1976

Anamartus appli (GANGLBAUER, 1900)

Distribution within Azerbaijan. Kirovabad (IABLOKOFF-KHNZORIAN 1983, under *Amartus appli*; JELÍNEK 1976; AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

General distribution. Armenia, Lebanon, Turkey.

Anamartus dilutitarsis (SOLSKY, 1876)

Distribution within Azerbaijan. "Caucasus", without more detailed data (REITTER 1891; JELÍNEK 1976; AUDISIO *et al.* 2000).

General distribution. Afghanistan, Tadjikistan, Turkmenistan, Uzbekistan.

Anamartus incognitus JELÍNEK, 1976

Distribution within Azerbaijan. "Caucasus", without more detailed data (JELÍNEK 1976; AUDISIO *et al.* 2000).

General distribution. Georgia, Israel, Jordan, Lebanon, Syria, Turkey.

Brachyleptus MOTSCHULSKY, 1845

Brachyleptus aurosus REITTER, 1885

Brachyleptus reitteri GANGLBAUER, 1899; *Brachyleptus tomentiventris* REITTER, 1896.

Distribution within Azerbaijan. Near Lenkoran (REITTER 1896); Bezh Barna near Baku (JELÍNEK 1980, under *B. tomentiventris* REITTER; AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

Material examined. Astara rayonu, Isty-Su ad Astara, 23 VII 2001, 1 ex., leg. R. Andreeva.; Lerik rayonu, Talysh Mts., Gosmalyan, 38°41' N, 48°23' E, 1400m, 29 V 2013, 5 exx., on *Ranunculus* sp., leg. AL; Yardımlı rayonu, Talysh Mts., Üzyübaşı Mt., 26 V 2013, 2 exx., on Papaveraceae, leg AL.

General distribution. Afghanistan, Armenia, Bulgaria, Egypt, Greece, Iran, Iraq, Israel, Jordan, Lebanon, Russia, Syria, Turkey, Turkmenistan.

Brachyleptus discolor REITTER, 1896

Brachyleptus rufipennis PIC, 1919.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007).

General distribution. Armenia, Cyprus, Georgia, Iran, Iraq, Israel, Jordan, Lebanon, Russia, Syria, Turkey.

Brachyleptus quadratus (STURM, 1844)

Brachypterolus canescens MOTSCHULSKY, 1845.

Distribution within Azerbaijan. Gosmalyan; Maraza (AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

General distribution. Armenia, Austria, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Georgia, Greece, Hungary, Iran, Iraq, Israel, Jordan, Lebanon, Macedonia, Romania, Russia, Serbia and Montenegro, Slovakia, Syria, Turkey, Ukraine.

Brachypterus KUGELANN, 1794

Brachypterus glaber (NEWMAN, 1834)

Brachypterus pubescens ERICHSON, 1843; *Cercus pubescens* P. H. LUCAS, 1846; *Brachypterus meridionalis* KÜSTER, 1848; *Brachypterus ater* MOTSCHULSKY, 1849; *Brachypterus unicolor* KÜSTER, 1849; *Brachypterus collinus* GISTEL, 1857; *Brachypterus lucasii* MURRAY, 1864.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007).

General distribution. Algeria, Azores, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Great Britain, Germany, Greece, Hungary, Iran, Ireland, Italy, Latvia, Lithuania, Malta, Macedonia, Morocco, Norway, Poland, Spain, Sweden, the Netherlands, Tunisia, Turkey.

Brachypterus urticae (FABRICIUS, 1792)

Strongylus abbreviatus HERBST, 1792; *Nitidula erythropus* MARSHAM, 1802; *Cateretes affinis* HEER, 1841; *Cercus pusillus* MELSHEIMER, 1844; *Brachypterus flavicornis* KÜSTER, 1848; *Brachypterus pelusius* GISTEL, 1857; *Brachypterus solaris* GISTEL, 1857.

Distribution within Azerbaijan. Near Baku (AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

General distribution. Whole Palaearctic Region (excluding North Africa).

Kateretes HERBST, 1793

Kateretes dalmatinus (STURM, 1844)

Cercus testaceus MURRAY, 1864.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007).

General distribution. Austria, Croatia, Greece, Hungary, Iran, Israel, Italy, Turkey.

Kateretes mixtus KIREJTSHUK, 1989

Examined material. Şamaxı rayonu, Qobustan, Nağaraxana env., 40°44' N, 48°38' E, 1230m, 4 V 2014, 2 exx., leg. RK. **Species new for Azerbaijan.**

General distribution. Hungary, Kazakhstan, Romania, Slovakia, Ukraine.

Nitidulidae LATREILLE, 1802

Epuraeinae KIREJTSHUK, 1986

Epuraea ERICHSON, 1843

Epuraea ERICHSON, 1843

Epuraea aestiva (LINNAEUS, 1758)

Anthribus testacea OLIVIER, 1790; *Nitidula obsoleta* HERBST, 1793; *Nitidula villosa* THUNBERG, 1794; *Nitidula depressa* ILLIGER, 1798; *Nitidula convexiuscula* MANNERHEIM, 1843; *Epuraea bisignata* STURM, 1844; *Epuraea ochracea* STURM, 1844; *Nitidula vaccinii* GISTEL, 1857; *Epuraea grandiclava* ROUBAL, 1939.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007).

General distribution. Whole Palaearctic Region.

Epuraea biguttata (THUNBERG, 1784)

Nitidula bipunctata HEER, 1841.

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372 m, 01 VI 2013, 3 exx., banana trap (with beer), leg. AL. **Species new for Azerbaijan.**

General distribution. Europe.

Epuraea fageticola AUDISIO, 1991

Nitidula castanea DUFTSCHMID, 1825

Distribution within Azerbaijan. "Azerbaijan", without more detailed data (KIREJTSHUK 1997, under *Epuraea hilleri* f. *fageticola*; AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

General distribution. Europe.

Epuraea guttata (OLIVIER, 1811)

Nitidula decemguttata FABRICIUS, 1792.

Distribution within Azerbaijan. Aurora Tehran (AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

Material examined. Lerik rayonu, 2km SE of Peştətük, 38°46' N, 48°34' E, 372 m, 01 VI 2013, 1 exx., banana trap (with beer), leg. AL.; Yardımlı rayonu, Talysh Mts., 23km NE of Yardımlı, 38°56' N, 48°26' E, 368-450m, 23 VI 2012, 2 exx., banana trap (with beer), leg. AL.

General distribution. Europe, Iran and Turkey.

Epuraea marseuli REITTER, 1873

Nitidula pusilla ILLIGER, 1798; *Epuraea bickhardti* SAINTE-CLAIRE DEVILLE, 1906; *Epuraea lenkorana* MÉQUIGNON, 1945; *Epuraea acuta* BISTRÖM, 1977.

Distribution within Azerbaijan. “Caucasus”, without more detailed data (SJÖBERG 1939); Talysh Mountains, Lenkoran (REITTER 1919; MÉQUIGNON 1945; AUDISIO 1982); (AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372 m, 06-07 V 2014, 2 exx., *Fagus* sp., under bark, leg. AL.

General distribution. Entire Palaearctic Region.

Epuraea pallescens (STEPHENS, 1835)

Epuraea florea ERICHSON, 1845; *Epuraea abietina* J. R. SAHLBERG, 1889.

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372 m, 05 V 2014, 3 exx., *Fagus* sp., under bark, leg. AL; Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 09 VI 2010, 16 exx., beech-hornbeam wood, on the felled trunk, leg. AL. **Species new for Azerbaijan.**

General distribution. Whole Palaearctic Region.

Epuraea silacea (HERBST, 1783)

Epuraea deleta STURM, 1844; *Epuraea laricina* MOTSCHULSKY, 1860; *Epuraea fagi* BRISOUT de BARNEVILLE, 1874.

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372 m, 06 V 2014, 1 ex., *Fagus* sp., under bark, leg. AL. **Species new for Azerbaijan.**

General distribution. Albania, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Czech Republic, Croatia, Denmark, Estonia, Finland, France, Germany, Georgia, Greece, Great Britain, Hungary, Iran, Ireland, Italy, Latvia, Lithuania, Macedonia, Moldavia, Mongolia, Norway, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Sweden, Switzerland, the Netherlands, Ukraine.

Epuraea unicolor (OLIVIER, 1790)

Nitidula obsoleta FABRICIUS, 1792; *Epuraea subangulata* MOTSCHULSKY, 1860; *Epuraea trapezicollis* MOTSCHULSKY, 1860; *Epuraea heeri* TOURNIER, 1872; *Epuraea maculata* DALLA TORRE, 1879; *Epuraea marginata* DALLA TORRE, 1879; *Epuraea x-rubrum* J. R. SAHLBERG, 1911.

Distribution within Azerbaijan. “Azerbaijan”, without more detailed data (JELÍNEK & AUDISIO 2007).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372 m, 05 V 2014, 3 exx., *Fagus* sp., under bark, leg. AL.; Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 09 VI 2010, 16 exx., beech-hornbeam wood, on the

General distribution. Whole Palaearctic Region (excluding North Africa).

Epuraea variegata (HERBST, 1793)

Epuraea fennica J. R. SAHLBERG, 1889; *Epuraea monochroa* REITTER, 1894; *Epuraea variabilis* REITTER, 1894; *Epuraea nigropunctata* REITTER, 1919; *Epuraea carinthiaca* HÖZEL, 1960.

Distribution within Azerbaijan. “Azerbaijan”, without more detailed data (JELÍNEK & AUDISIO 2007).

General distribution. Europe.

Haptoncus MURRAY, 1864

Epuraea luteola ERICHSON, 1843

Nitidula intendens WALKER, 1858; *Nitidula submaculata* WALKER, 1859; *Haptoncus pubescens* MURRAY, 1864; *Haptoncus testacea* MURRAY, 1864; *Epuraea vulpecula* L. REDTENBACHER, 1868; *Haptoncus paupercula* REITTER, 1873; *Epuraea texana* CROTCH, 1874; *Haptoncura subquadrata* REITTER, 1877; *Haptoncus albertisi* REITTER, 1880; *Haptoncus floreola* SHARP, 1890.

Material examined. Yardımlı rayonu, Talysh Mts., 23km NE of Yardımlı, 38°56' N, 48°26' E, 368-450m, 01 VI 2013, 4 exx., banana trap (with beer), leg. AL. **Species new for Azerbaijan.**

General distribution. Afghanistan, Albania, Andorra, Arab Emirates, Bosnia Herzegovina, Bulgaria, Canary Island, China, Croatia, Cyprus, France, Germany, Greece, India, Iran, Iraq, Israel, Italy, Japan, Korea, Malta, Macedonia, Morocco, Nepal, Pakistan, Portugal, Romania, Saudi Arabia, Serbia and Montenegro, Slovenia, Spain, Taiwan, Turkey, Ukraine, Oriental Region.

An invasive species that has spread widely in southern and central Europe in recent years (JELÍNEK *et al.* 2016).

Micruria REITTER, 1875

Epuraea melanocephala (MARSHAM, 1802)

Nitidula affinis STEPHENS, 1830; *Nitidula truncate* STEPHENS, 1830; *Nitidula discolor* WALTZ, 1838; *Nitidula brunnea* HEER, 1841; *Nitidula ferruginea* HEER, 1841; *Nitidula heterochroa* GISTEL, 1857.

Distribution within Azerbaijan. “Azerbaijan”, without more detailed data (JELÍNEK & AUDISIO 2007).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°47' N, 48°34' E, 372 m, 3 VI 2010, 1 ex., in *Calystegia* sp., leg. AL; 38°46' N, 48°34' E, 28 V 2013, 2 exx., in flight, leg. AL.; 30 V 2013, 1 ex., in *Calystegia* sp., leg. AL.; Yardımlı rayonu, Talysh Mts., 23km NE of Yardımlı, 38°56' N, 48°26' E, 368 - 450m, 31 V 2010, 1 ex., in flight, leg. AL; 1 VI 2013, 1 ex., at light, leg. AL.; 1-7 VI 2013, 1 ex., leg. RK.; Qəbələ rayonu, Caucasus Range, Solquca env., 41°01' N, 47°41' E, 530m, 07 VI 2010, 1 ex., leg. AL.

General distribution. All of Europe, Algeria, Iran, Morocco, Tunisia, Turkey.

Carpophilinae ERICHSON, 1842

Carpophilus STEPHENS, 1830

Carpophilus STEPHENS, 1830

Carpophilus hemipterus (LINNAEUS, 1758)

Silpha bimaculata LINNAEUS, 1767; *Nitidula flexuosa* HERBST, 1790; *Nitidula quadriguttata* THUNBERG, 1794; *Nitidula quadrata* FABRICIUS, 1798; *Nitidula cadaverina* FABRICIUS, 1801; *Stenus ficus* FABRICIUS, 1801; *Cateretes dimidiatus* HEER, 1841; *Cateretes pictus* HEER, 1841; *Carpophilus brevipennis* GERMAIN, 1856; *Carpophilus atterimus* MACLEAY, 1871; *Carpophilus circumdatus* RAGUSA, 1892.

Distribution within Azerbaijan. Azerbaijan, without more detailed data (JELÍNEK & AUDISIO 2007).

General distribution. Cosmopolitan.

Ecnomorphus MOTSCHULSKY, 1858

Carpophilus sexpustulatus (FABRICIUS, 1792)

Lyctus abbreviatus PANZER, 1794, *Carpophilus quadrimaculatus* RAGUSA, 1892. *circumdatus* RAGUSA, 1892.

Distribution within Azerbaijan. “Azerbaijan”, without more detailed data (JELÍNEK & AUDISIO 2007).

General distribution. Algeria, Austria, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Italy, Lebanon, Morocco, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, the Netherlands, Tunisia, Turkey, Ukraine.

Cryptarchinae C.G. THOMSON, 1859

Cryptarcha SHUCKARD, 1840

Cryptarcha undata (A.G. OLIVIER, 1790)

Nitidula imperialis FABRICIUS, 1792, *Nitidula nebulosa* MARSHAM, 1802.

Distribution within Azerbaijan. Avtora (AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 11 V 2014, 1 ex., banana trap (with beer), leg. AL; Yardımlı rayonu, Talysh Mts., 23km NE of Yardımlı, 38°56' N, 48°26' E, 368-450m, 23 VI 2012, 3 exx., banana trap (with beer), leg. AL; 1 VI 2013, 1 ex., on the trunk, by the leaking sap, leg. AL.; 1-7 VI 2013, 1 ex., leg. et coll. RK.

General distribution. Austria, Belarus, Bosnia Herzegovina, Czech Republic, Denmark, France, Germany, Great Britain, Greece, Hungary, Italy, Latvia, Lithuania, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherlands, Turkey, Ukraine.

Glischrochilus REITTER, 1873

Librodor REITTER, 1884

Glischrochilus grandis (TOURNIER, 1872)

Ips latefasciatus REITTER, 1883

Material examined. Astara rayonu, Talysh Mts., 1700m, 23 V 2001, leg V. Dolin. **Species new for Azerbaijan.**

General distribution. Armenia, Belarus, Estonia, Finland, Georgia, Latvia, Lithuania, Poland, Russia, Slovakia, Ukraine.

Invasive species, originally endemite of Caucasus, which currently along the eastern border of Europe has arrived in Finland (LASON & HOLLY 2015).

Nitidulinae LATREILLE, 1802

Cychramus KUGELANN, 1794

Cychramus luteus (FABRICIUS, 1787)

Anthrribus unicolor A. G. OLIVIER, 1790, *Nitidula latus* SCRIBA, 1790, *Nitidula verris* P. ROSSI, 1790, *Cychramus fungicola* HEER, 1841, *Cychramus alutaceus* REITTER, 1875, *Cychramus dorsalis* REITTER, 1884, *Cychramus floricola* REITTER, 1884, *Cychramus subopacus* REITTER, 1884, *Cychramus montandoni* PIC, 1893, *Cychramus pubescens* PIC, 1894.

Material examined. Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 09 VI 2010, 2 exx., beech-hornbeam wood, leg. AL. **Species new for Azerbaijan.**
General distribution. Europe, Far East, Oriental Region.

Nitidula FABRICIUS, 1775

Nitidula carnaria (SCHALLER, 1783)

Nitidula quadripustulata FABRICIUS, 1792; *Nitidula guttalis* HERBST, 1793; *Nitidula variata* STEPHENS, 1830; *Nitidula flavipennis* HEER, 1841.

Distribution within Azerbaijan. “Azerbaijan”, without more detailed data (JELÍNEK & AUDISIO 2007).

General distribution. Holarctic.

Omosita ERICHSON, 1843

Omosita colon (LINNAEUS, 1758)

Nitidula haemorrhoidalis FABRICIUS, 1777; *Nitidula bipartita* TROST, 1801; *Omosita viana* GISTEL, 1857.

Distribution within Azerbaijan. Seki (AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

General distribution. Holarctic and Australian Regions.

Meligethinae C.G. THOMSON, 1859

Acanthogethes AUDISIO & CLINE, 2009

Acanthogethes solidus (KUGELANN, 1794)

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes solidus*).

General distribution. Europe and Turkey.

Afrogethes AUDISIO & CLINE, 2009

Afrogethes planiusculus (HEER, 1841)

Nitidula ruficornis HEER, 1841; *Meligethes murinus* ERICHSON, 1845; *Meligethes seniculus* ERICHSON, 1845.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes planiusculus*).

General distribution. Whole Palearctic Region (excluding Far East).

Astylogethes KIREJTSHUK, 1992

Astylogethes substrigosus (ERICHSON, 1845)

Meligethes subrugosus auct. non GYLLENHAL, 1808; *Meligethes turbidescens* EASTON, 1957

Distribution within Azerbaijan. Zakatalskyi zapovednik ((AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes subrugosus*).

Material examined. Lerik rayonu, Talysh Mts., 2km NW of Lerik, Xıramo, 38°48' N, 48°25' E, 940m, 7 V 2014, 1 ex., leg. AL; Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 08 VI 2010, 1 ex., beech-hornbeam wood, leg. AL.

General distribution. Whole Palearctic Region.

Boragogethes AUDISIO & CLINE, 2009

Boragogethes mandibularis (J. R. SAHLBERG, 1913)

Meligethes nitidissimus ROUBAL, 1943; *Meligethes robustus* JELÍNEK & MAREK, 1966.

Material examined. Şamaxı rayonu, Qobustan, Nağaraxana env., 40°44' N, 48°38' E, 1230m, 4 V 2014, 8 exx., *Phlomis* sp., leg. AL; the same data, 5 exx., leg. et coll. RK.

Species new for Azerbaijan.

General distribution. Georgia, Russia, Turkey.

Boragogethes rosenhaueri (REITTER, 1871)

Meligethes krueperi REITTER, 1873; *Meligethes kirschenblatti* KIREJTSHUK, 1979.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes rosenhaueri*).

General distribution. Albania, Armenia, Austria, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Germany, Georgia, Greece, Hungary, Iran, Italy, Kazakhstan, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Syria, Turkey, Ukraine.

Boragogethes symphyti (HEER, 1841)

Meligethes reclairei SCHOLZ, 1933; *Meligethes glabripennis* ROUBAL, 1943.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes symphyti*).

General distribution. Whole Europe, Algeria, Iran, Turkey.

Brassicogethes AUDISIO & CLINE, 2009

Brassicogethes aeneus (FABRICIUS, 1775)

Distribution within Azerbaijan. Zakatalskiy zapovednik ((AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes aeneus*).

Material examined. Jalilabad rayonu, Qarazəncir env., 24 V 2013, 3 exx., *Sisymbrium* sp., leg. AL; Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 28 V 2013, 10 exx., *Hieracium* sp., leg. AL; the same data, 4 exx., leg. RK; the same locality, 5-12 V 2014, 2 exx., leg. RK; Lerik rayonu, Talysh Mts., Gosmalyan env., 38°41' N, 48°23' E, 1400-1600m, 29 V 2013, 5 exx., *Ranunculus* sp., leg. AL; the same data, 8 exx., leg. RK; Lerik rayonu, Talysh Mts., 2km NW of Lerik, 38°48' N, 48°25' E, 940m, 7 V 2014, 2 exx., *Crataegus* sp., leg. AL; Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 08 VI 2010, 2 exx., beech-hornbeam wood, leg. AL; Şamaxı rayonu, Qobustan, Nağaraxana env., 40°44' N, 48°38' E, 1230m, 4 V 2014, 1 ex., leg. RK; Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 12-14 VI 2012, 4 exx., leg. RK; the same locality, 26 V 2013, 29 exx., *Crataegus* sp., leg. AL; the same locality, 02 VI 2013, 15 exx., leg. AL; the same locality, 02 VI 2013, 3 exx., leg. RK; Yardımlı rayonu, Talysh Mts., Zeynaləzir env., 38°57' N, 48°27' E, 530m, 22 exx., leg. AL;

General distribution. Holarctic.

Brassicogethes anthracinus (BRISOUT, 1863)

Distribution within Azerbaijan. Lenkoran, Isti-Su ((KIREJTSHUK 1987); (JELÍNEK & AUDISIO 2007), under *Meligethes anthracinus*).

General distribution. Albania, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Greece, Hungary, Iran, Italy, Macedonia, Moldavia, Poland, Portugal, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, the Netherlands, Turkey, Ukraine.

Brassicogethes coracinus (STURM, 1845)

Meligethes pumilus ERICHSON, 1845; *Meligethes decoloratus* FÖRSTER, 1849; *Meligethes epuraeoides* REITTER, 1875; *Meligethes basalis* REITTER, 1919.

Distribution within Azerbaijan. Caspi Sea Region, Baku, Cagacuk-Caj; near Maraza; near Zarat, 90km N of Baku ((AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes coracinus*).

Material examined. Ağsu rayonu, Caucasus Range, NW of Muğanlı, 40°41' N, 48°29' E, 710m, 1 ex., leg. AL; Lerik rayonu, Talysh Mts., 3km SE of Peştətük, Hayal, 38°46' N, 48°34' E, 650m, 19 VI 2012, 1 ex., *Crepis* sp., leg. AL; Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372m, 09 V 2014, 1 ex., leg. AL; Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 04-09 VI 2010, 48 exx., beech-hornbeam wood, leg. AL; Şamaxı rayonu, Qobustan, Nağaraxana env., 40°44' N, 48°38' E, 1230m, 4 V 2014, 6 exx., *Phlomis* sp., leg. AL; the same locality, 2 exx., leg. RK; Yardımlı rayonu, Talysh Mts., Yardımlı, 38°54' N, 48°14' E, 760m, 09 VI 2012, 1 ex., *Sisymbrium loeselii* L., leg. AL; Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 10 VI 2012, 15 exx., leg. AL; the same locality, 12-14 VI 2012, 11 exx., leg. RK; the same locality, 21 VI 2012, 4 exx., *Rosa* sp., leg. AL; Yardımlı rayonu, Talysh Mts., 23km NE of Yardımlı, 38°56' N, 48°26' E, 368-450m, 22 VI 2012, 1 ex., leg. AL; the same locality, 05-06 VI 2013, 3 exx., Papaveraceae, leg. AL.

General distribution. Palaearctic.

Brassicogethes erysimicola (AUDISIO & DE BIASE, 2001)

Meligethes coracinus var. *aenescens* GANGLBAUER, 1899.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes erysimicola*).

General distribution. Albania, Armenia, Austria, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgai, Germany, Greece, Hungary, Iran, Italy, Lebanon, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Syria, Turkey, Ukraine.

Brassicogethes matronalis (AUDISIO & SPORNRAFT, 1990)

Distribution within Azerbaijan. Near Palakesh ((AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes matronalis*).

General distribution. Austria, Belgium, Croatia, Czech Republic, Denmark, France, Germany, Hungary, Italy, Poland, Spain, Slovenia, Sweden, Switzerland, Turkey.

Brassicogethes reitteri (SCHILSKY, 1894)

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes reitteri*).

General distribution. Andorra, Armenia, Austria, Belgium, Bosnia Herzegovina, Czech

Republic (Szopa 2019), France, Georgia, Germany, Hungary, Italy, Kazakhstan, Kyrgyzstan, Romania, Russia, Spain, Switzerland, Turkey, Ukraine.

Brassicogethes viridescens (FABRICIUS, 1787)

Nitidula rufipes FABRICIUS, 1775; *Nitidula azureus* HEER, 1841; *Meligethes pratincola* GISTEL, 1857; *Meligethes virescens* THOMSON, 1862; *Meligethes germanicus* REITTER, 1871; *Meligethes discolor* REITTER, 1872; *Meligethes colereus* REY, 1889; *Meligethes perviridis* REITTER, 1896; *Meligethes bohemicus* OBNENBERGER, 1914.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes viridescens*).

General distribution. Holarctic.

Clypeogethes KIREJTSHUK, 1979

Clypeogethes lepidii (MILLER, 1852)

Meligethes subtilis BRISOUT, 1866; *Meligethes hypocrita* BRISOUT, 1867; *Meligethes chalybaeus* REITTER, 1871; *Meligethes solitarius* REITTER, 1872.

Distribution within Azerbaijan. Azerbaijan, without more detailed data (JELÍNEK & AUDISIO 2007, under *Meligethes lepidii*).

Material examined. Lerik rayonu, Talysh Mts., Gosmalyan env., 38°41' N, 48°23' E, 1400m, 08 V 2014, 1 ex., *Ranunculus* sp., leg. AL;

General distribution. Afghanistan, Albania, Armenia, Austria, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, France, Germany, Greece, Hungary, Iran, Iraq, Israel, Italy, Jordan, Kyrgyzstan, Lebanon, Macedonia, Moldavia, Poland, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

Fabogethes AUDISIO & CLINE, 2009

Fabogethes brachialis (ERICHSON, 1845)

Meligethes dives REITTER, 1872.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes brachialis*).

General distribution. Albania, Andorra, Armenia, Austria, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Greece, Hungary, Iran, Italy, Kazakhstan, Macedonia, Moldavia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, the Netherlands, Turkey, Ukraine.

Fabogethes diversus (SCHILSKY, 1893)

Meligethes tschistiyakovae KIREJTSHUK, 1990; *Meligethes yakushenkoi* KIREJTSHUK, 1992.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes diversus*).

General distribution. Armenia, Georgia, Iran, Kazakhstan, Russia, Turkey, Turkmenistan.

Fabogethes nigrescens (STEPHENS, 1830)

Meligethes subrugosus STEPHENS, 1830; *Meligethes xanthocerus* STEPHENS, 1830; *Meligethes picipes*

STURM, 1845; *Meligethes funebris* FÖRSTER, 1849; *Meligethes seminulum* LeCONTE, 1857; *Meligethes saulcyi* REITTER, 1872; *Meligethes medius* REY, 1889; *Meligethes pallipes* REY, 1889; *Meligethes subsimilis* REY, 1889.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes nigrescens*).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştätük, 38°46' N, 48°34' E, 07 V 2014, 1 ex., *Fragaria* sp., leg. AL; Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 08 VI 2010, 1 ex., beech-hornbeam wood, leg. AL; Şamaxı rayonu, Qobustan, Nağaraxana env., 40°44' N, 48°38' E, 1230m, 4 V 2014, 11 exx., leg. AL; the same data, 6 exx., leg. et coll. RK.

General distribution. Holarctic.

Genistogethes AUDISIO & CLINE, 2009

Genistogethes carinulatus (FÖRSTER, 1849)

Nitidula eythropus GYLLENHAL, 1808; *Meligethes carbonarius* FÖRSTER, 1849; *Meligethes binodulus* REY, 1889; *Meligethes coriaceus* REY, 1889; *Meligethes crenulatus* REY, 1889; *Meligethes misellus* REY, 1889; *Meligethes pusillus* REY, 1889; *Meligethes teter* REY, 1889.

Material examined. Lerik rayonu, Talysh Mts., Gosmalyan env., 38°41' N, 48°23' E, 1400m, 08 V 2014, 2 exx., *Ranunculus* sp., leg. AL. **Species new for Azerbaijan.**

General distribution. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Iran, Ireland, Italy, Jordan, Latvia, Lebanon, Lithuania, Luxembourg, Macedonia, Moldavia, Norway, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, the Netherlands, Turkey, Ukraine.

Lamiogethes AUDISIO & CLINE, 2009

Lamiogethes atrovirens (JELÍNEK, 1982)

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes atrovirens*).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştätük, 38°46' N, 48°34' E, 372m, 03 VI 2010, 1 ex., *Calystegia* sp., leg. AL.

General distribution. Armenia, Azerbaijan, Georgia, Iran, Russia, Turkey.

Lamiogethes bolognai (AUDISIO, 1977)

Distribution within Azerbaijan. Zarov ((AUDISIO & KIREJTSHUK 1988; AUDISIO *et al.*, 2000,); (JELÍNEK & AUDISIO 2007), under *Meligethes bolognai*).

General distribution. Georgia, Turkey.

Lamiogethes brunnicornis (STURM, 1845)

Meligethes letzneri REITTER, 1873.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes brunnicornis*).

General distribution. Whole Palaearctic Region.

Lamiogethes dieckmanni (AUDISIO & JELÍNEK, 1984)

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes dieckmanni*).

Material examined. Lerik rayonu, Talysh Mts., 3km SE of Peştətük, Hayal, 38°46' N, 48°34' E, 650m, 02 VI 2010, 1 ex., leg. AL; Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372m, 03 VI 2010, 1 ex., *Calystegia* sp., leg. AL; Qəbələ rayonu, Caucasus Range, Qəmərvan, 41°02' N, 47°47' E, 1019m, 09 VI 2010, 2 exx., beech-hornbeam wood, leg. AL.

General distribution. Armenia, Azerbaijan, Georgia, Iran, Russia, Turkey.

Lamiogethes difficilis (HEER, 1841)

Meligethes luctifer REITTER, 1872; *Meligethes milleri* REITTER, 1872; *Meligethes parvus* REY, 1889; *Meligethes schenklingi* REITTER, 1919.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes difficilis*).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372m, 03 VI 2010, 1 ex., *Calystegia* sp., leg. AL; the same locality, 28 V 2013, 1 ex., *Geranium* sp., leg. AL.

General distribution. Albania, Andorra, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, China, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Iran, Ireland, Italy, Japan, Kazakhstan, Kyrgyzstan, Latvia, Lichtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldavia, North Korea, Norway, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, the Netherland, Turkey, Ukraine, Uzbekistan.

Lamiogethes haemorrhoidalis (FÖRSTER, 1849)

Meligethes floribundus REITTER, 1877; *Meligethes praestans* KIREJTSHUK, 1977.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes haemorrhoidalis*).

General distribution. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, France, Georgia, Germany, Great Britain, Hungary, Iran, Italy, Latvia, Luxembourg, Macedonia, Moldavia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherland, Turkey, Ukraine.

Lamiogethes leati (EASTON, 1956)

Distribution within Azerbaijan. Bezh Barma ((JELÍNEK 1981; AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes leati*).

Material examined. Lerik rayonu, Talysh Mts., 2km SE of Peştətük, 38°46' N, 48°34' E, 372m, 28 V 2013, 8 exx., *Geranium* sp., leg. AL; the same locality, 06-07 V 2014, 6 exx., *Fragaria* sp., leg. AL; Lerik rayonu, Talysh Mts., 2km NW of Lerik, 38°48' N, 48°25' E, 940m, 7 V 2014, 2 exx., *Fragaria* sp., leg. AL;

General distribution. Algeria, Armenia, Georgia, Iran, Italy (Sicilia), Libya, Russia, Tunisia.

Lamiogethes morosus (ERICHSON, 1845)

Meligethes lewisii REITTER, 1873; *Meligethes memnonius* ERICHSON, 1845.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes morosus*).

General distribution. Whole Palaearctic Region.

Lamiogethes pedicularius (GYLLENHAL, 1808)

Nitidula viduata HEER, 1841; *Meligethes fuliginosus* ERICHSON, 1845; *Meligethes bituberculatus* FÖRSTER, 1849; *Meligethes luctuosus* FÖRSTER, 1849; *Meligethes melanarius* FÖRSTER, 1849; *Meligethes austriacus* REITTER, 1871; *Meligethes aestimabilis* REITTER, 1872.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007).

General distribution. Whole Palaearctic Region.

Lamiogethes persicus (FALDERMANN, 1837)

Meligethes tenebrosus FÖRSTER, 1849; *Meligethes sinuatus* REY, 1889.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes persicus*).

General distribution. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, China, Croatia, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Iran, Ireland, Italy, Kazakhstan, Kyrgyzstan, Lichtenstein, Luxembourg, Macedonia, Moldavia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, the Netherland, Turkey, Ukraine, Uzbekistan.

Meligethes STEPHENS, 1830

Meligethes flavimanus STEPHENS, 1830

Meligethes borealis MOTSCHULSKY, 1845; *Meligethes lumbaris* STURM, 1845; *Meligethes foersteri* REITTER, 1871; *Meligethes foveifrons* REITTER, 1871; *Meligethes asperrimus* GUILLEBEAU, 1897; *Meligethes ogumae* MATSUMURA, 1911; *Meligethes sibiricus* REBMANN, 1956.

Distribution within Azerbaijan. Zakatalskiy zapovednik (AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007).

Material examined. Qusar rayonu, Qusar env., 41°25' N, 48°26' E, 700m, 26 V-04 VI 2015, 1 ex., leg. S. Murzin.

General distribution. Whole Palaearctic Region (excluding North Africa).

Sagittogethes AUDISIO & CLINE, 2009

Sagittogethes ater (BRISOUT, 1863)

Distribution within Azerbaijan. Adjikient ((KIREJTSHUK 1978; AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes ater*).

General distribution. Albania, Austria, Bosnia Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Hungary, Iran, Iraq, Italy, Poland, Romania, Serbia and Montenegro, Slovenia, Syria, Turkey, Ukraine.

Sagittogethes distinctus (Sturm, 1845)

Meligethes confusus BRISOUT, 1872; *Meligethes minimus* REY, 1889.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes distinctus*).

Material examined. Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 26 V 2013, 1 ex., *Veronica* sp., leg. AL; the same locality, 15 V 2014, 4 exx., *Thymus* sp., leg. AL; the same data, 2 exx., leg. RK; the same locality, 26 V 2014, 2 exx., *Veronica* sp., leg. AL.

General distribution. Albania, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iran, Iraq, Italy, Latvia, Lichtenstein, Lithuania, Macedonia, Moldavia, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherlands, Turkey, Ukraine.

Sagittogethes hladili (JELÍNEK, 1982)

Material examined. Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 02 VI 2013, 3 exx., *Salvia* sp., leg. AL. **Species new for Azerbaijan.**

General distribution. Armenia, Georgia, Iran, Iraq, Syria, Turkey.

Sagittogethes hoffmanni (REITTER, 1871)

Meligethes niger BRISOUT, 1863; *Meligethes parvulus* BRISOUT, 1872; *Meligethes japonicus* REITTER, 1873; *Meligethes peneckeii* MARCU, 1939.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes hoffmanni*).

General distribution. Albania, Algeria, Armenia, Austria, Belarus, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, France, Greece, Hungary, Iran, Italy, Japan, Kazakhstan, Lebanon, Macedonia, Moldavia, Morocco, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Syria, Turkey, Ukraine, Uzbekistan.

Sagittogethes incanus (STURM, 1845)

Meligethes gredleri REITTER, 1873.

Material examined. Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 02 VI 2013, 3 exx., *Salvia* sp., leg. AL. **Species new for Azerbaijan.**

General distribution. Albania, Algeria, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Iran, Iraq, Israel, Italy, Jordan, Lebanon, Macedonia, Moldavia, Morocco, Poland, Portugal, Romania, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Syria, the Netherlands, Turkey, Ukraine.

Sagittogethes jordanis (JELÍNEK & SPORNRAFT, 1979)

Material examined. Lerik rayonu, Talysh Mts., Gosmalyan, 38°40' N, 48°23' E, 1400m, 01 VI 2010, 1 ex., leg. AL; Şamaxı rayonu, Qobustan, Nağaraxana env., 40°44' N, 48°38' E, 1230m, 4 V 2014, 1 ex., leg. RK; Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 15 V 2014, 1 ex., *Salvia* sp., leg. AL. **Species new for Azerbaijan.**

General distribution. Armenia, Iraq, Israel, Jordan, Lebanon, Russia, Syria, Turkey, Ukraine (Crimea).

Sagittogethes maurus (STURM, 1845)

Meligethes calvus REITTER, 1871; *Meligethes durus* REITTER, 1871; *Meligethes meridionalis* REITTER, 1871; *Meligethes rufimanus* SAHLBERG, 1913.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes maurus*).

General distribution. Whole Palaearctic Region (excluding North Africa).

Sagittogethes tauricus (JELÍNEK & SPORNRAFT, 1979)

Distribution within Azerbaijan. Hosrovsky forest; Kagismar ((AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes tauricus*).

General distribution. Armenia, Iran, Iraq, Turkey, Ukraine.

Sagittogethes umbrosus (STURM, 1845)

Meligethes transsylvanicus PETRI, 1912.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes umbrosus*).

General distribution. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Iran, Ireland, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lichtenstein, Lithuania, Luxembourg, Macedonia, Moldavia, Norway, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, the Netherland, Turkey, Ukraine.

Stachygethes AUDISIO & CLINE, 2009

Stachygethes nanus (ERICHSON, 1845)

Meligethes marrubii BRISOUT, 1863; *Meligethes dalmatinus* REITTER, 1871; *Meligethes spinipes* REITTER, 1871; *Meligethes schneideri* REITTER, 1878; *Meligethes rugicollis* REY, 1889.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes nanus*).

Material examined. Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 12-14 VI 2012, 2 exx., *Salvia* sp., leg. AL; the same locality, 26 V 2013, 1 ex., leg. AL.

General distribution. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, France, Georgia, Germany, Great Britain, Greece, Hungary, Iran, Iraq, Israel, Italy, Jordan, Kazakhstan, Lebanon, Luxembourg, Macedonia, Moldavia, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, the Netherland, Turkey, Ukraine.

Stachygethes ruficornis (MARSHAM, 1802)

Meligethes flavipes STURM, 1845; *Meligethes moestus* ERICHSON, 1845; *Meligethes flavicornis* MILLER, 1852; *Meligethes pruinosus* REY, 1889.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes ruficornis*).

Material examined. Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N,

48°06' E, 1890m, 26 V 2013, 4 exx., leg. AL; the same locality, 14 V 2014, 8 exx., leg. RK.
General distribution. Europe, Algeria, Cyprus, Egypt (Sinai), Iran, Iraq, Israel, Jordan, Kazakhstan, Lebanon, Russia (West Siberia), Syria, Tajikistan, Tunisia, Turkmenistan, Turkey, Uzbekistan.

Thymogethes AUDISIO & CLINE, 2009

Thymogethes acicularis (BRISOUT, 1863)

Meligethes angulosus REBMANN, 1940.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes acicularis*).

Material examined. Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 26 V 2013, 4 exx., leg. AL.

General distribution. Albania, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, France, Georgia, Germany, Greece, Hungary, Iran, Italy, Macedonia, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Switzerland, Turkey, Ukraine.

Thymogethes egenus (ERICHSON, 1845)

Meligethes menthae BRISOUT, 1863; *Meligethes alutaceus* REY, 1889; *Meligethes mucronatus* REY, 1889.

Distribution within Azerbaijan. Nachitshevan Region, Ordubad (AUDISIO *et al.* 2000); (Jelínek & Audisio 2007), under *Meligethes egenus*).

Material examined. Lerik rayonu, Talysh Mts., Gosmalyan, 38°40' N, 48°23' E, 1400m, 29 V 2013, 1 ex., *Ranunculus* sp., leg. AL; Şamaxı rayonu, Qobustan, Nağaraxana env., 40°44' N, 48°38' E, 1230m, 4 V 2014, 1 ex., leg. AL; the same data, 1 ex., leg. RK.

General distribution. Albania, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iran, Iraq, Israel, Italy, Jordan, Kazakhstan, Latvia, Lebanon, Lichtenstein, Lithuania, Macedonia, Moldavia, Poland, Romania, Russia, Saudi Arabia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, The Netherland, Turkey, Turkmenia, Ukraine.

Thymogethes exilis (STURM, 1845)

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes exilis*).

General distribution. Albania, Andorra, Armenia, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Latvia, Lichtenstein, Lithuania, Luxembourg, Macedonia, Moldavia, Morocco, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine.

Thymogethes funereus (JELÍNEK, 1967)

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes funereus*).

General distribution. Albania, Armenia, Bosnia Herzegovina, Bulgaria, Croatia, Georgia, Greece, Iran, Italy, Macedonia, Russia, Serbia and Montenegro, Slovenia, Turkey, Ukraine.

Thymogethes lugubris (STURM, 1845)

Meligethes ebeninus FÖRSTER, 1849; *Meligethes mellitulus* REITTER, 1872.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes lugubris*).

Material examined. Yardımlı rayonu, Talysh Mts., 2km NW of Üzyübaşı Mt., 38°52' N, 48°06' E, 1890m, 15 V 2014, 1 ex., leg. RK.

General distribution. Whole Palaearctic Region (excluding North Africa).

Xerogethes AUDISIO & CLINE, 2009

Xerogethes discoideus (ERICHSON, 1845)

Nitidula glaucii KOLENATI, 1846; *Meligethes maculatus* SCHILSKY, 1894; *Meligethes anatolicus* SCHILSKY, 1903.

Distribution within Azerbaijan. “Transcaucasien, Elisabethopol” ((KOLENATI 1846; EASTON 1957; AUDISIO *et al.* 2000); (JELÍNEK & AUDISIO 2007), under *Meligethes discoideus*).

General distribution. Armenia, Austria, Bulgaria, Croatia, Czech Republic, Georgia, Greece, Hungary, Iran, Iraq, Kazakhstan, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Turkey, Ukraine.

Xerogethes kraatzi (REITTER, 1871)

Meligethes frivaldszkyi REITTER, 1875; *Meligethes assyricus* OBENBERGER, 1914; *Meligethes basimargo* REITTER, 1919.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007, under *Meligethes kraatzi*).

General distribution. Albania, Armenia, Austria, Bulgaria, Croatia, Cyprus, Czech Republic, Georgia, Greece, Hungary, Iran, Iraq, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Turkey, Ukraine.

Pria STEPHENS, 1830

Pria dulcamarae (SCOPOLI, 1763)

Silpha truncatella MARSHAM, 1802; *Nitidula olivacea* GYLLENHAL, 1813; *Cormyphora mandibularis* LAPORTE, 1840; *Nitidula breviscula* KOLENATI, 1846.

Distribution within Azerbaijan. Azerbaijan (no locality cited) (JELÍNEK & AUDISIO 2007).

General distribution. Europe, Algeria, Canary Island, Cyprus, Egypt, Iran, Israel, Japan, Jordan, Morocco, Russia (Far East and Siberia), Syria, Turkey, Yemen.

DISCUSSION

The number of species of Kateretidae and Nitidulidae present in Azerbaijan is now updated to 10 and 65, respectively. Comparing this number to the fauna of Iran (8 Kateretidae and 91 Nitidulidae: LASON & GHAHARI 2013, BUNALSKI & GHAHARI 2015, AUDISIO *et al.* 2017), given the size of both countries, it can be concluded that this list is quite substantial. In contrast, Iran's fauna is severely underestimated. This number looks a lot worse when we

compare it to the much better known fauna of these beetle families in Turkey (18 Kateretidae and 163 Nitidulidae: LASOŃ 2007; AVGIN *et al.* 2012, 2015). Azerbaijan is a country with different geographical regions and climate, so I expect that discovering next species is only a matter of time.

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