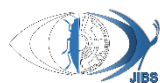


Original Article 

Exploring taxonomic heritage: A catalogue of the Coleoptera type specimens in the Hayk Mirzayans insect museum (HMIM), Iran

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ABSTRACT. The first catalogue of Coleoptera type material preserved in the Hayk Mirzayans Insect Museum (HMIM) of the Iranian Research Institute of Plant Protection is presented. In total, the Coleoptera collection of this museum comprises 758 type specimens representing 150 species and 23 subspecies. Nine species are represented only by the holotypes, 30 species are represented by both holotypes and paratypes, and 111 species are represented only by paratypes. Two subspecies are represented by the holotypes, 19 subspecies by paratypes, and two subspecies by both holotypes and paratypes. Complete information for each type specimen, including label data, original and current status, bibliographic references, and a brief historical overview of the Coleoptera collection at HMIM, is provided.

KEYWORDS: Adephaga, Biodiversity heritage, Checklist, Collection, Holotypes, Paratypes, Polyphaga

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INTRODUCTION

Hayk Mirzayans Insect Museum (HMIM) is the largest entomological collection in Western Asia, housing more than four million insect specimens that represent the stunning faunal diversity of the vast country of Iran. The museum is part of the Insect Taxonomy Research Department of the Iranian Research Institute of Plant Protection (IRIPP), which operates under the Agricultural Research, Education and Extension Organization, Ministry of Agriculture. The foundation of the insect collection dates back to 1945, when a group of graduates from the University of Tehran, including Hayk Mirzayans, in collaboration with entomologists from the former Soviet Union, established an entomological and plant protection laboratory within the Ministry of Agriculture. This collaboration marked the beginning of a national insect collection dedicated to identifying agricultural pests and documenting the insect fauna of Iran. Following the establishment of the Plant Pests and Diseases Research Institute in 1963, the growing collection was transferred to a larger building and placed within the Insect Taxonomy Research Department (Pazuki 2004). After the death of its founder, the collection was officially named the *Hayk Mirzayans Insect Museum* (HMIM) in 1998 to honor his lifelong contributions to Iranian entomology.

The earliest records of beetles in the HMIM collection date back to specimens collected in 1948 by M.V. Alexandrov. The Coleoptera holdings gradually expanded through extensive fieldwork and numerous faunistic expeditions carried out across Iran, as done under the ongoing project of “investigation, collecting and identification of the insect fauna of Iran”. Several large-scale projects contributed significantly to the growth of the collection in collaboration with foreign scientists. For

example, during the 1960s, Franco–Iranian expeditions resulted in about 50,000 insect specimens, many of which are now preserved at both the *Muséum national d'Histoire naturelle* in Paris (MNHN) and HMIM. The results of this collaboration were published under the title *Contributions à la faune de l'Iran*. Similarly, the Czechoslovak–Iranian entomological expeditions conducted in 1970, 1973, and 1977 collected over 250,000 beetles (Abivardi 2001), most of which are housed in the *National Museum of Prague* (NMPC), with several series preserved in HMIM. Further material was obtained through collaborations in the framework of the project “*Study of the biodiversity and biogeography of selected insect taxa in Iran*” (2004–2010), jointly conducted by the *Museum für Naturkunde*, Berlin (ZMB), and the Iranian Research Institute of Plant Protection. All these efforts have made the HMIM Coleoptera collection one of the most representative references for the beetle fauna of Iran, comprising about eighty families collected from diverse habitats and geographical regions over the past six decades.

To make this valuable material accessible to taxonomists and other researchers worldwide, the present paper provides the first comprehensive catalogue of the type specimens of Coleoptera housed in the Hayk Mirzayans Insect Museum (HMIM).



Figure 1. Selected views of the Coleoptera collection, showing storage cabinets and drawers at HMIM. **A.** Storage cabinets; **B.** Open cabinet; **C.** A representative drawer containing beetle specimens.

MATERIALS AND METHODS

Type specimens preserved in the Coleoptera collection (Fig. 1) of the Hayk Mirzayans Insect Museum (HMIM) are not kept separate from non-type material and are marked with colored labels. The type labels are cited verbatim, with any editorial additions or clarifications placed in square brackets. The names of collectors are given in full except as mentioned in brackets. All scientific names are given in italics. Label data are separated by double slash “//” and lines are separated by single slash “/”. Each entry includes the original combination of the scientific name, an abbreviated reference to the original description, and pagination. The sequence of families follows the Catalogue of Palaearctic Coleoptera (Löbl & Smetana 2003–2013, vols 1–8; Löbl & Löbl 2015–2017, vols 1, 6, 2nd ed.). The subfamilies, genera and species names are listed in alphabetical order. Nomenclatural changes of the species are not reflected in the taxon headings but are indicated in the notes under the “Current status” section for each entry. To avoid any risk of damaging the type material, specimens requiring additional examination to determine sex were not dissected, nor was the glue softened to remove them from their mounting cards. Examples of the type labels and type specimens are shown in Figures 2 and 3.



Figure 2. Examples of some earlier labels of the type specimens deposited in the Coleoptera collection of the Hayk Mirzayans Insect Museum.

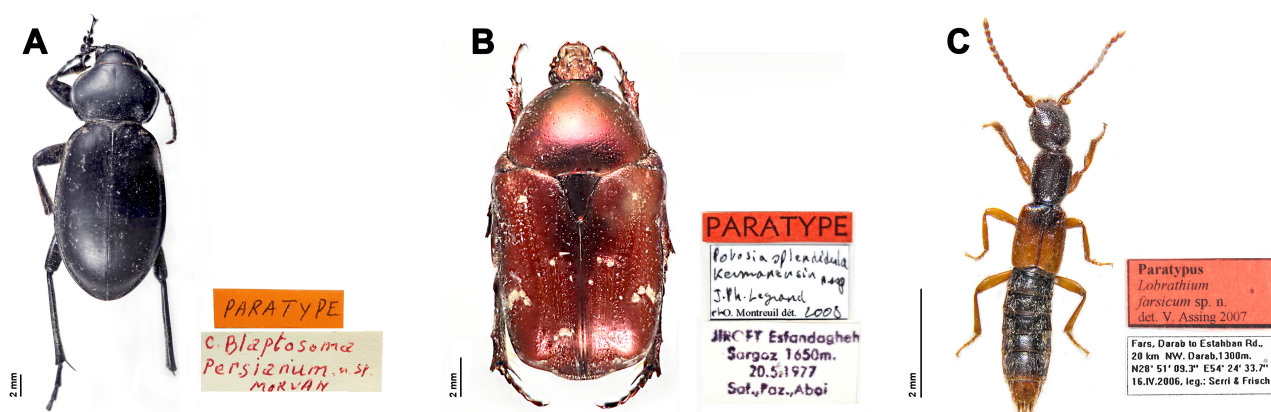


Figure 3. Examples of some type specimens. **A.** *Callitropa (Blaptosoma) persianum* Morvan 1974; **B.** *Potosia splendidula kermanensis* Montreuil & Legrand, 2008; **C.** *Lobrathium farsicum* Assing, 2007.

RESULTS

Class Insecta Linnaeus, 1758

Order Coleoptera Linnaeus, 1758

Suborder Adephaga Schellenberg, 1806

Family Dytiscidae Leach, 1815

Subfamily Hydroporinae Aubé, 1836

***Deronectes brancuccii* Fery & Hosseinie, 1998**

Deronectes brancuccii Fery & Hosseinie 1998:250.

Paratype (1 ♂): "24.3.1998, Iran, Kerman [province] / 87 km SE Baft, 2430 m., stream / [leg.] Elmi, Hosseinie // Paratype / *Deronectes brancuccii* sp. n. / Fery & Hosseinie [no.] (2056) / det. 1998".

Current status. Valid species.

***Deronectes elmii* Frey & Hosseinie, 1998**

Deronectes elmii Frey & Hosseinie 1998:254.

Paratype (1 ex.): "24.3.1998, Iran, Kerman [province] / 87 km SE Baft, 2430 m., stream / [leg.] Elmi, Hosseinie // Paratype / *Deronectes elmii* sp. n. / Fery & Hosseini [no.] (2056) / det. 1998 // 1".

Current status. Valid species.

Family Carabidae Latreille, 1802

Subfamily Nebriinae Laporte, 1834

Tribe Nebriini Laporte, 1834

***Eunebria radjabii* Morvan, 1973**

Eunebria radjabii Morvan 1973:169.

Paratypes (2 exx.): "IRAN. [Chaharmahal & Bakhtiari province] ZAGROS / Kurang 2500 / 6.1970 [leg.] Morvan // *Eunebria / radjabii* n. sp. Morvan // Paratype"

Paratype (1 ex.): "[IRAN: Chaharmahal & Bakhtiari province] Kouhrang 11.VI.70, [leg.] Radjabin // *Eunebria radjabii* n.sp. / Paratype / Morvan".

Current status. *Nebria* (*Eunebria*) *pivicornis radjabii* (Morvan, 1973).

***Nebria esfandiari* Morvan, 1974**

Nebria esfandiari Morvan 1974a:3.

Paratypes (5 exx.): "IRAN [Tehran province] / Elburz // Dizin. 3500 m. / 8.1972 / [leg.] Morvan // Paratype // *Nebria* (Eu) / *esfandiarii* / MORVAN".

Current status. *Nebria* (*Eunebria*) *pivicornis esfandiari* Morvan, 1974.

***Nebria davatchii* Morvan, 1974**

Nebria davatchii Morvan 1974b:129.

Paratype (1 ♂): "IRAN. [Tehran province] ELBURZ / Gash-i-sar. 3000m. / 7.1968. [leg.] MORVAN // *Nebria / davatchii* n. sp. MORVAN // Paratype".

Current status. Valid species.

***Nebria xanthacra kharazii* Morvan, 1974**

Nebria (*Paranebria*) *xanthacra kharazii* Morvan 1974a:2.

Paratype (1 ex.): "IRAN. [Kerman province] Djebel / -Barez, 23.4.1971 / [leg.] Radjabin // *N. Paranebria xanthacra* ssp. n. *kharazii* Morvan // Paratype".

Current status. Synonym of *Nebria* (*Eunebria*) *xanthacra xanthacra* Chaudoir, 1850.

Subfamily Carabinae Latreille, 1802

Callitropa (Blaptosoma) persianum Morvan, 1974

Callitropa (Blaptosoma) persianum Morvan 1974c:154.

Holotype (♂): "[IRAN: Sistan & Baluchestan province] Kousche / 23.5.[19]72 / [leg.] Abai // *Calosoma (Blaptosoma) / persianum* MORVAN / Th. Deuve 2002 // *C. Blaptosoma persianum* MORV. / n. sp. // HOLOTYPE".

Paratypes (3 ♂♂ 1 ♀): "Paratype // *C. Blaptosoma / persianum* sp. n. / MORVAN [without locality label]".

Allotype (♀): "[IRAN: Sistan & Baluchestan province] Kousche / 23.5.[19]72 / [leg.] Abai // *C. Blaptosoma persianum* / Allotype MORVAN".

Current status. Valid species, current combination: *Calosoma (Calosoma) persianum* (Morvan, 1974).

Carabus nirensis Heinz, 1970

Carabus nirensis Heinz 1970:373.

Paratypes (1 ♂, 1 ♀): "[IRAN: Ardebil province] Azarbaijan / (Iran), Heinz leg. // Nir westl. Ardebil / 1900 m 29.VII.67 / *Carabus (Lamprostus) / nirensis* / P.T. 10.IV. / det.W. Heinz, 1967 // *C. (Lamprostus) / calley nirensis* Heinz / Th. Deuve det. 2002".

Current status. Synonym of *Carabus (Lamprostus) calleyi inseriatus* Mandl, 1955.

Carabus separatus larkhaniensis Deuve, 2001

Carabus separatus larkhaniensis Deuve 2001:54.

Paratypes (2 ♂♂ 1 ♀): "[IRAN: Gilan province] Gilan, Espiyli / larkhani 1400 m / 8.VII.2000 [leg.] T. Deuve // *C. separatus / larkhaniensis* / n / sp. / Th. Deuve det. 2001 // Paratype".

Current status. Valid subspecies.

Subfamily Brachininae Bonelli, 1810

Tribe Brachinini Bonelli, 1810

Brachinus longipalpis kharazii Morvan, 1975

Brachinus longipalpis kharazii Morvan 1975b:73.

Paratypes (5 ♂♂ 2 ♀♀): "[IRAN: Kerman province] Dascht Koutch / 25.4.1971 [leg.] Dez[foulia] & Radj[abi] // PARATYPE".

Paratype (1 ♀): "[IRAN: Sistan & Baluchestan province] Karvandar / 18.4.1971 / [leg.] Radj[abi] // PARATYPE // *Brachynus longipalpis* ssp. n. / *kharazii* MORVAN".

Current status. Valid subspecies.

Subfamily Trechinae Bonelli, 1810

Tribe Bembidiini Stephens, 1827

Subtribe Bembidiina Stephens, 1827

Bembidion (Ocyturanus) muilwijki Neri & Toledano, 2017

Bembidion (Ocyturanus) muilwijki Neri & Toledano 2017:76.

Paratype (1 ex.): "[IRAN: Kohgiluyeh & Boyer-Ahmad province] S Iran, Zagros / Sisakht, 2400 m / 13–15.6.1973 // Loc. No. 240 / Exp. Nat. Mus / Praha // *Bembidion (Ocyturanus) / muilwijki* Neri & Toledano / 2017-PARATYPUS".

Current status. Valid species.

Nepha assalemi Jedlička, 1968

Nepha assalemi Jedlička 1968:990.

Paratypes (2 exx.): "IRAN: [Gilan province] V.1965 / Asalem / [leg.] Saf[avi] MORVAN // *Nepha / assalemi* Jedl. // PARATYPE".

Current status. Valid species, current combination: *Bembidion (Nepha) assalemi* (Jedlička, 1968).

Subtribe Tachyina Motschulsky, 1862

Tachyura (Tachyura) frischii Coulon & Felix, 2009

Tachyura (s. str.) *frischii* Coulon & Felix 2009:159.

Paratypes (2 exx.): " [IRAN] Kermanshah [province] /5 km W Ghasr-e-Shirin / 404 m / N 34°32'16.2" E 55°42'29.8" / 30.V.2006, leg. Mogh[addam], Nas[serzadeh] & Haj[esmailian] // *Tachyura / frischii* / [leg.] Coulon & Felix, / 2009".

Current status. Valid species.

Tribe Patrobini Kirby, 1837

Deltomerus davatchii Morvan, 1970

Deltomerus davatchii Morvan 1970:195.

Paratype (1 ♂): "IRAN. [Tehran province] ELBURZ. Ghash-i-sar. 3000 m/ 16.7.1968 [leg.] Morvan // *Deltomerus / davatchii* n. /sp. MORVAN // Paratype".

Current status. Valid species.

Tribe Trechini Bonelli, 1810

Subtribe Trechina Bonelli, 1810

Duvalius hetschkoi matilei Deuve, 2000

Duvalius hetschkoi matilei Deuve 2000:161.

Holotype (♂): "Holotype // [IRAN: Bushehr province] Bushehr, Ahram / Omar, 100 m., / 2.12.1966 / [leg.] Par[chami], Badii & Ebra[himi] // *Duvalius hetschkoi / matilei* n. sp. / Holotype / Th. Deuve det 2002".

Current status. Valid subspecies.

Trechus chodjarii Morvan, 1974

Trechus chodjarii Morvan 1974b:138.

Paratype (1 ex.): "IRAN. [Tehran province] ELBURZ / Dizin, Alt.3700 m / 8.1972 // *Trechus / chodjarii* n. sp. / MORVAN // Paratype".

Current status. Valid species.

Trechus esfandiarii Morvan, 1974

Trechus esfandiarii Morvan 1974b:131.

Paratypes (3 exx.): "IRAN. [Mazandaran province] Roudbarak / Alt. 1700 m. Forêt / 8.1972 // *Trechus / esfandiarii* n. sp. MORVAN // Paratype".

Current status. Synonym of *Trechus quadrimaculatus* Motschulsky, 1850.

Trechus mirzayani Morvan, 1974

Trechus mirzayani Morvan 1974b:133.

Paratype (1 ex.): "IRAN. [Tehran province] ELBURZ. Heram / ALT.1900 m / 8.1872 [leg.] Morvan // *Trechus / mirzayani* n. sp. / MORVAN // Paratype".

Current status. Valid species.

Trechus obscuriceps Morvan, 1972

Trechus obscuriceps Morvan 1972:26.

Paratypes (1 ♂ 2 ♀♀): "IRAN. [Mazandaran province] ELBURZ. 8.1972 / Roudbarak / Forêt, Alt. 1700 m. P. Morvan // *Trechus / obscuriceps* n. sp. / MORVAN // Paratype".

Current status. Synonym of *Trechus melanocephalus* Kolenati, 1845.

***Trechus taghizadehi* Morvan, 1974**

Trechus taghizadehi Morvan 1974b:135.

Paratype (1 ex.): "IRAN. [Tehran province] ELBURZ. 8.1972 / Heram. Alt.1900, Forêt / P.MORVAN // *Trechus taghizadehi* / n. sp. Morvan // Paratype".

Current status. Valid species.

Subfamily Harpalinae Bonelli, 1810

Tribe Chlaeniini Brullé, 1834

Subtribe Chlaeniina Brullé, 1834

***Chlaenius canariensis persicus* Morvan, 1975**

Chlaenius canariensis persicus Morvan 1975a:49.

Holotype (♂): "[IRAN: Sistan & Baluchestan province] Issin alt 416 / 3.3.1972 / [leg.] Mirz[ayans] [&] Borum[and] // Holotype // *Chlaenius canariensis* / ssp. *persicus* / det. MORVAN, 1975 // *Chlaenius canariensis persicus*".

Current status. Synonym of *Chlaenius* (*Chlaeniostenodes*) *persicus* L. Redtenbacher, 1850.

***Chlaenius rapyllii* Morvan, 1975**

Chlaenius rapyllii Morvan 1975a:49.

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan province] BALOUCHESTAN / Nikschahr, Tang-e Sarheh // 1100 m, 16.5.1972 / Abai, Ebert leg. // *Chlaenius rapyllii* / MORVAN // Paratype // *Chlaenius rapyllii* n. sp. / MORVAN // *C. laetiusculus* / Muilijwik det."

Current status. Valid species.

Tribe Harpalini Bonelli, 1810

Subtribe Ditomina Bonelli, 1810

***Carterus oxygonus radjabii* Morvan, 1974**

Carterus oxygonus radjabii Morvan 1974a:1.

Allotype (♀): "IRAN. [West Azarbaijan province] Julfa / Mt. Kiamaki ALT: 2700 m / VI.1973 [leg.] (Radjabi) // *Carterus* (Od.) / *oxygonus* ssp. nov. / *radjabii* Morvan // Allotype // Azarbaijan / Nour lake 2363 / - 2450 / 21.6.1973 / [leg.] Rajabi // *Carterus* (Odon.) / *oxygonus* ssp. *radjabii* Morvan".

Paratype (1 ♂): "IRAN. [West Azarbaijan province] Julfa / Mt. Kiamaki ALT: 2700 m / VI.1973 [leg.] (Radjabi) // *Carterus* (Od.) / *oxygonus* ssp. nov. / *radjabii* Morvan // Paratype // Azarbaijan / nour lake 2363 / - 2450 / 21.6.[19]73 / [leg.] Rajabi".

Current status. Valid subspecies, current combination: *Tschitscherinellus oxygonus radjabii* (Morvan, 1974).

Tribe Lebiini Bonelli, 1810

Subtribe Cymindidina Laporte, 1834

***Cymindis hierichontica intermedius* Morvan, 1974**

Cymindis hierichontica intermedius Morvan 1974a:9.

Holotype (♂): "IRAN. [Fars province] 20.9.1947 / Arsandjan / [leg.] Zomor[rodi] // Det. P. MORVAN / n.ssp. // *Cy. iscarotes* / *hierichontica* / ssp. *intermedius* Morvan // Holotype".

Paratype (1 ♀): "[IRAN: Kermanshah province] Mehran V.48 / [leg] Sark[issian] / *iscariotes* / *hierichontica* / ssp. *intermedius* / MORVAN // Paratype".

Current status. Synonym of *Cymindis* (*Iscariotes*) *hierichontica hierichontica* (Reiche & Saulcy, 1855).

Tribe Pterostichini Bonelli, 1810

Pseudopedius iranicus Morvan, 1974

Pseudopedius iranicus Morvan 1974b:139.

Holotype (♂): "[IRAN: Ardebil province] Moghan / 23.VII.67 / D.AB. [leg. Damanabi] // Holotype // *Pseudopedius iranicus* Morv[an]."

Allotype (♀): "[IRAN: Ardabil province] Moghan / 8.VI.67 / D.AB. [leg. Damanabi] // Allotype // *Pseudopedius iranicus* Morv[an]."

Paratypes (1 ♂ 1 ♀): "IRAN: [Ardebil province] 6.8.1967 / Moghan / [leg.] Mirzayan[s] P. MORVAN // *Pseudopedius iranicus* / MORVAN // Paratype".

Paratype (1 ♂): "IRAN: [Tehran province] 19.4.1967 / Varamin / [leg.] Mirzayan[s] -P. MORVAN // *Pseudopedius iranicus* / MORVAN // Paratype".

Current status. Valid species, current combination: *Poecilus (Ancholeus) iranicus* (Morvan, 1974).

Tribe Sphodrini Laporte, 1834

Subtribe Sphodrina Laporte, 1834

Antisphodrus mirzayani Morvan, 1973

Antisphodrus mirzayani Morvan 1973:184.

Paratype (1 ♂): "IRAN: [Chaharmahal & Bakhtiari province] ZAGROS / Kurang Alt: 3800 / 6.1970 [leg.] MORVAN // *Antisphodrus mirzayani* / n.sp. MORVAN // PARATYPE".

Current status. Valid species, current combination: *Laemostenus (Antisphodrus) mirzayani* (Morvan, 1973).

Pristonychus mirzayani Morvan, 1974

Pristonychus mirzayani Morvan 1974c:153.

Paratype (1 ♂): "IRAN. [Tehran province] Elburz / Dizin ALT. 3700m / 8.1972 [leg.] Morvan // *Pristonychus mirzayani* n.sp. MORVAN // Paratype // *Laemostenus mirzayani* det. Muilwijk".

Current status. Secondary homonym of *Laemostenus (Antisphodrus) mirzayani* (Morvan, 1973). Valid species with the substitute name *Laemostenus (Pristonychus) morvani* Casale, 1988.

Tribe Zabryini Bonelli, 1810

Subtribe Amarina C. Zimmermann, 1832

Leiocnemis davatchii Morvan, 1975

Leiocnemis (Leiromorpha) davatchii Morvan 1975b:70.

Paratype (1 ♀): "IRAN. [Mazandaran province] Elburz / Mt. Sulaiman. 3700m / VII.1972. [leg.] Morvan // *L. Leiromorpha davatchii* n.sp. / Morvan // Paratype".

Current status. Valid species, current combination: *Amara (Leiocnemis) davatchii* (Morvan, 1975).

Suborder Polyphaga Emery, 1886

Superfamily Hydrophiloidea Latreille, 1802

Family Hydrophilidae Latreille, 1802

Subfamily Hydrophilinae Latreille, 1802

Tribe Laccobiini Bertrand, 1954

Laccobius hoberlandti Gentili, 1982

Laccobius hoberlandti Gentili 1982:35.

Paratypes (2 exx.): "IRAN: Gilan province, Assalem] N Iran, 160m / Sheykh Mahalleh / 28.6–3.7.1977 // Loc.no.390 / Exp.Nat. Mus. / Praha // E. Gentili det, 1982 // *Laccobius (Macrol.) hoberlandti* // Paratypus".

Current status. Valid species.

***Laccobius macrophthalmus* Gentili, 1982**

Laccobius macrophthalmus Gentili 1982:32.

Paratype (1 ex.): "[IRAN: Sistan & Baluchestan province] SE Iran Bahu-Kalat / 3–4.4.1973 // Loc.no.147 / Exp.Nat. Mus. / Praha // E. Gentili, det. 1982 / *Laccobius* (*Microl.*) *macrophthalmus* / n.sp. // Paratypus".

Paratype (1 ex.): "[IRAN: Sistan & Baluchestan province] SE Iran 13km SSE Nikshahr (riv.) 8–9.4.1973 // Loc.no.152 Exp.Nat. Mus. / Praha // E. Gentili, det. 1982 / *Laccobius* (*Microl.*) / *macrophthalmus* n.sp. // Paratypus".

Current status. Valid species.

Superfamily Staphylinoidea Latreille, 1802**Family Hydraenidae Mulsant, 1844****Subfamily Hydraeninae Mulsant, 1844****Tribe Hydraenini Mulsant, 1844*****Hydraena farsensis* Skale & Jäch, 2011**

Hydraena (*Hydraena*) *farsensis* Skale & Jäch 2011:187.

Paratypes (1♂ 1 ♀): "IRAN: Fars province / 20 km NW Qir, Shaldan / N 28°33' E 52°59' 1090m / 12.Dec.08, 15 Dec.08 / leg. Sh. Falamarzi // PARATYPUS / *Hydraena* (s. str.) / *farsensis* sp. n. / Skale & Jäch, 2011".

Current status. Valid species.

***Hydraena hajeki* Skale & Jäch, 2011**

Hydraena (*Hydraena*) *hajeki* Skale & Jäch 2011:200.

Paratype (1 ♂): "IRAN 7–8.IV.2000 / Kerman prov, 1925 m. / 5 km NE DEHBAKRI / (29°05'N 57°55'E) // Iran 2000 Czech Biological / Expedition / J. HAJEK & M. MIKAT leg. // PARATYPUS *Hydraena* (s. str.) / *hajeki* sp. n. / Skale & Jäch, 2011".

Paratype (1 ♀): "IRAN: Kerman prov., 5 km NE Deh Bakri 29°05'N 57°55'E/ 7–8.4.2000 // IRAN 2000 Czech / Biological Expedition / leg. J. Hajek & M. Mikat // PARATYPUS *Hydraena* (s. str.) / *hajeki* sp. n. / Skale & Jäch, 2011"

Current status. Valid species.

***Hydraena nurabadensis* Skale & Jäch, 2011**

Hydraena (*Hydraena*) *nurabadensis* Skale & Jäch 2011:201.

Paratypes (1 ♂ 1 ♀): "IRAN: Fars [province] 30 km N Nurabad / 25.4.1996 rivulet / [leg.] Wewalka (13) // PARATYPUS: *Hydraena* (s. str.) / *nurabadensis* Skale & Jäch, 2011".

Current status. Valid species.

***Hydraena proesei* Skale & Jäch, 2011**

Hydraena (*Hydraena*) *proesei* Skale & Jäch 2011:193.

Paratypes (3 exx.): "N Iran. Prov. Mazandaran, vic. / Now Shahr, Kheiroud Kenar forest / (river), 36°31'38" N 51°38'46" E / 880 m / 2.V.2010 leg. A. Skale (43) // PARATYPUS *Hydraena* (s. str.) / *proesei* sp. n. / Skale & Jäch, 2011".

Paratypes (2 exx.): "IRAN: Prov. Mazandaran / [IR08-20] Chalus County, / Elbura Mts. N-Slope, 10 km / SE Abbasabad, small stream / 36°38'95.9" N 51°12'22.5" E, 149 m. 04.VI.2008 leg. A. Pütz // PARATYPUS *Hydraena* (s. str.) / *proesei* sp. n. / Skale & Jäch, 2011".

Current status. Valid species.

Subfamily Ochthebiinae Thomson, 1859***Ochthebius darius* Balfour-Browne, 1979**

Ochthebius darius Balfour-Browne 1979:167.

Paratypes (2 ♂♂): "IRAN: [South] Khorasan [province], 50 km S. Shahabad on Birjand Rd. / 6.vi.1975 R.Mc Cullers // ♂ // *Ochthebius* (*Hymenodes*) *darius* J. Balfour-Browne Paratype".

Current status. Valid species.

***Ochthebius iranicus* Balfour-Browne, 1979**

Ochthebius iranicus Balfour-Browne 1979:168.

Paratypes (2 ♀♀): "Iran: [South] Khorasan [province] 50 km S. Shahabad on Birjand Rd. / 6.vi.1975 [leg.] R. Mc Cullers // ♀ // *Ochthebius* (*Hymenodes*) *iranicus* J. Balfour-Browne Paratype".

Current status. Valid species.

***Ochthebius jelineki* Ferro, 1982**

Ochthebius jelineki Ferro 1982:145.

Paratype (1 ex.): "[IRAN: Mazandaran province] N Iran, C Elburz, Kandavan Val. 2545m / 10–11.8.1970 // Loc.no. 86 / Exped. Nat. Mus. / Praha // *O. HYMENODES JELINEKI* n.sp. / PARATYPUS // *O. Hymenodes* / *jelineki* n.sp. / det. FERRO 89".

Current status. Synonym of *Ochthebius puberulus* Reitter, 1885.

***Ochthebius minabensis* Ferro, 1983**

Ochthebius minabensis Ferro 1983:76.

Paratypes (3 exx.): "[IRAN: Sistan & Baluchestan province] SE Iran / Bahu –Kalat 3–4.4.1973 // Loc.no. 147 / Exped. Nat. Mus. / Praha // *Ochthebius* / *minabensis* n.sp. PARATYPUS // *Ochthebius minabensis* det. FERRO 89".

Current status. Valid species.

***Ochthebius pudilaceris* Ferro, 1982**

Ochthebius pudilaceris Ferro 1982:150.

Paratype (1 ex.): "[IRAN: Hormozgan province] S. Iran Derpehan / 12 km E Senderk / 11–12.5.1977 // Loc.no. 326 / Exped. Nat. Mus. / Praha // PARATYPUS // *O. Hymenodes* / *pudilaceris* / det FERRO 81".

Current status. Valid species.

***Ochthebius scitulus* Ferro, 1982**

Ochthebius scitulus Ferro 1982:148.

Paratype (1 ex.): "[IRAN: Mazandaran province] N Iran C Elburz / Kandavan Val. 2545m / 10–11.8.1970 // Loc.no. 86 / Exped. Nat. Mus. / Praha // *O. HYMENODES scitulus* n.sp. / PARATYPUS // *O. Hymenodes* / *scitulus* det FERRO".

Current status. Valid species.

Family Staphylinidae Latreille, 1802**Subfamily Steninae MacLeay, 1825*****Stenus darius* Puthz, 2009**

Stenus darius Puthz 2009:38.

Paratypes (2 ♂♂ 3 ♀♀): "[IRAN] Gilan [province], Masuleh, Masuleh – / Khalkhal road, 4 km NW / Masuleh, 1439 m. / N 37°10'20.2" E 48°58'46.3" / 08.VI.2008 / leg. Ser[ri], Nas[serzadeh], Puetz // *Stenus* / *darius* sp. n. / det. Puthz, 2008 // ♂ Paratypus".

Current status. Valid species.

***Stenus taurus* Serri & Frisch, 2013**

Stenus taurus Serri & Frisch 2013:100.

Holotype (♂): "[IRAN] West Azerbaijan [province], W Salmas / 8 km W Kuzerash, 2129 m / N 38°11'15" E 44°31'20.1" / 31.VIII.2008, leg. Serri & Frisch // *Stenus taurus* Serri & Frisch det. S. Serri 2013 / Holotype ♂ / *Stenus* / *taurus* / Serri & Frisch, 2013".

Paratype (1 ♂): "[IRAN] West Azerbaijan [province], W Salmas / 8 km W Kuzerash, 2129 m / N 38°11'15" E 44°31'20.1" / 31.VIII.2008, leg. Serri & Frisch // *Stenus taurus* Serri & Frisch det. S. Serri 2013 / Paratypus ♂ / *Stenus* / *taurus* / Serri & Frisch, 2013".

Paratype (1 ♂): "[IRAN] West Azerbaijan [province], Ghotour road / 32 km W Khoy, 1555 m / N 38°27'30.4" E 44°39'19.7" / 29.VIII.2008, leg. Serri & Frisch // *Stenus taurus* Serri & Frisch det. S. Serri 2013 // Paratype".

Paratypes (5 ♂♂ 1 ♀): "[IRAN] West Azerbaijan [province], SE Maku / Gharakelisa, 1855 m / N 39°05'31.5" E 44°32'40.3" / 28.VIII.2008 / leg. Serri & Frisch // *Stenus taurus* Serri & Frisch det. S. Serri 2013 // Paratype".

Paratype (1 ♂) "[IRAN: West Azerbaijan province], Siahcheshmeh – Khoy road / Kordkandy, 1873 m / N 38°55'02.0" E 44°27'40.4" / 29.VIII.2008 / leg. Serri & Frisch // *Stenus taurus* Serri & Frisch det. S. Serri 2013 // Paratype".

Current status. Valid species.

Subfamily Paederinae Fleming, 1821

Tribe Paederini Fleming, 1821

Subtribe Lathrobiina Laporte, 1835

Lobrathium farsicum Assing, 2007

Lobrathium farsicum Assing 2007b:741.

Paratypes (3 exx.): "[IRAN] Fars [province], Darab, Rastagh, / Layzangan, 2050 m / N 28°40'59.5" E 54°58'34.6" / 17.IV.2006, leg.: Serri & Frisch // Paratypus / *Lobrathium farsicum* sp. n. / det. V. Assing, 2007".

Paratypes (1 ex.): "[IRAN] Fars [province], Firouzabad to / Farashband Rd. / Khergheh, 1610 m. / N 28°54'35.7" E 52°21'41.4" / 13.IV.2006, leg.: Serri & Frisch // Paratypus / *Lobrathium farsicum* sp. n. / det. V. Assing, 2007".

Paratypes (2 exx.): "[IRAN] Fars [province], Darab to Estahban Rd. / Rudbal, 1530 m / N28°59'46.1" E54°26'17.7" / 17.IV.2006, leg.: Serri & Frisch // Paratypus / *Lobrathium farsicum* sp. n. / det. V. Assing, 2007".

Paratypes (2 exx.): "[IRAN] Fars [province], Darab to Estahban Rd., / 20 km NW Darab, 1300 m / N 28°51'09.3" E 54°24'33.7" / 16.IV.2006, leg.: Serri & Frisch // Paratypus / *Lobrathium farsicum* sp. n. / det. V. Assing, 2007".

Paratype (1 ex.): "[IRAN] Fars [province], Firuzabad, Meymand / to Borak Rd., 5 km W Behjan / 1440 m / N 28°50'20.7" E 52°56'25.1" / 14.IV.2006, leg. Serri & Frisch // Paratypus / *Lobrathium farsicum* sp. n. / det. V. Assing, 2007".

Paratype (1 ex.): "[IRAN] Fars [province], N Marydasht, 30 km S. / Hasanabad, 5 km SE / Emamzadeh 1720 m. / N 30°15'56.5" E 52°38'44.8" / 10.IV.2006, leg. Serri & Frisch // Paratypus / *Lobrathium farsicum* sp. n. / det. V. Assing, 2007".

Paratype (1 ex.): "[IRAN] Fars [province], Darab to Estahban Rd. / 23 km NW Darab, 1340 m / N 28°52'31.3" E 54°23'58.1" / 24.IV.2006, leg. Serri & Frisch // Paratypus / *Lobrathium farsicum* sp. n. / det. V. Assing, 2007".

Current status. Valid species.

Lathrobium serriae Assing, 2007

Lathrobium serriae Assing 2007a:181.

Holotype (♂): "[IRAN] Razavi Khorasan [province] / Shandiz, Zoshk village / 1760 m / N 36°19'20.6" E 59°10'52.3" / 27.V.2006, leg. Serri & Frisch // Holotypus ♂ / *Lathrobium serriae* sp. n. / det. V. Assing, 2007 ♂".

Paratype (1 ♀): "[IRAN] Razavi Khorasan [province] / Shandiz, Zoshk village / 1760 m / N 36°19'20.6" E 59°10'52.3" / 27. V. 2006, leg. Serri & Frisch // Paratypus ♀ / *Lathrobium serriae* sp. n. / det. V. Assing, 2007".

Paratype (1 ♀): "[IRAN] Razavi Khorasan / Torbat-e Heydariyeh / Senobar village, 1701 m / N 35°25'09.7", E 59°07'41.6" / 28. V. 2006, leg. Serri & Frisch // Paratypus ♀ / *Lathrobium serriae* sp. n. det. V. Assing, 2007".

Current status. Valid species.

Subtribe Medonina Casey, 1905

Medon frischi Assing, 2005

Medon frischi Assing 2005:1029.

Paratypes (1 ♂ 2 ♀♀): "IRAN. Chahar Mahal va / Bakhtiari Province. Lordegan / 5 km to Lordegan Fall / N 31°46'23" E 050°58'50" / 06.07.2004, leg. Frisch // Paratypus *Medon frischi* sp. n. det. V. Assing, 2005".

Current status. Valid species.

Subtribe Scopaeina Mulsant & Rey, 1878

Scopaeus alborzensis Frisch, 2010

Scopaeus alborzensis Frisch 2010:177.

Paratypes (2 ♂♂): "IRAN, Gilan Province / Rudbar, Barrehsar / 1080 m, / N 36°47'03" E 049°45'28" / 30.07.2005, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *alborzensis* sp. n. / des. J. Frisch, 2010".

Paratypes (2 ♀♀): "IRAN, Gilan Province / Rudbar, Barrehsar, / Sebostaneh, 1400 m, / N 36°47'11" E 049°48'20" / 31.07.2005 lg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *alborzensis* sp. n. / des. J. Frisch, 2010".

Paratype (1 ♂): "IRAN, Tehran Province / Fasham, Zaygan (Kuhha-ye / Alborz), 2060 m / N 35°56'49" E 051°32'54" / 18.06.2004 lg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *alborzensis* sp. n. des. J. Frisch, 2010".

Paratype (1 ♀): "IRAN, Tehran Province / 8 km S Fasham, Ahar Valley / (Kuhha-ye Alborz), 2220 m/ N 35°55'49" E 051°26'17" / 18.06.2004 lg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *alborzensis* sp. n. / des. J. Frisch, 2010".

Current status. Valid species.

Scopaeus borumandi Frisch, 2010

Scopaeus borumandi Frisch 2010:172.

Paratype (1 ♂): "IRAN: Azarbayjan-e Gharbi [province] / Khoy – Siyah Chesmeh road / 21 km W Zar Abad, 2350 m / N 38°44'19" E 044°28'09" / 30.08.2008, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *borumandi* sp. n. / des. Frisch, 2010".

Current status. Valid species.

Scopaeus farsensis Frisch, 2007

Scopaeus farsensis Frisch 2007a:80.

Paratypes (2 ♂♂): "IRAN. Fars Province / Shiraz -Firuzabad road: pass / Kavar - Bowvakan, 1880 m / N 29°05'21" E 052°39'09" / 11.04.2006, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *farsensis* sp. n. / des. Frisch, 2006".

Paratype (1 ♀): "IRAN. Fars Province / Shiraz - Kazerun road: 11 km E Dasht-e Arzhan: / Chehel Chesmeh, 2060 m / N 29°43'04"E 051°59'43" / 08.04.2006, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *farsensis* sp. n. / des. Frisch, 2006".

Current status. Valid species.

Scopaeus femursetosus Frisch, 2006

Scopaeus femursetosus Frisch 2006a:12.

Paratypes (1 ♂ 1 ♀): "IRAN. Chahar Mahal va / Bakhtiari Province / NW Shur Ab: Sheikhalikhan / (Kuh-e Karbosh), 2650 m / N 32°33'22" E 049°58'34" / 03.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *femursetosus* sp. n. / des. Frisch, 2005".

Paratypes (1 ♂ 1 ♀): "IRAN. Chahar Mahal va / Bakhtiari Province / SE Naghan: Sabz Kuh / Protected Area, 2550 m / N 31°46'23" E 050°58'50" / 05.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *femursetosus* sp. n. / des. Frisch, 2005".

Paratype (1 ♀): "IRAN. Fars Province / S Kakan: / Dasht-e Khoshk , 2400 m / N 30°29'28" E 051°51'28" / 07.07.2004, lg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *femursetosus* sp. n. / des. Frisch, 2005".

Paratypes (1 ♂ 1 ♀): "IRAN. Fars Province / Yasuj- Kakan road: / Baba Hasan Pass, 2450 m / N 30°41'44" E 051°40'58" / 09.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *femursetosus* sp. n. / des. Frisch, 2005".

Current status. Valid species.

Scopaeus hyrcanus Frisch, 2006

Scopaeus hyrcanus Frisch 2006b:265.

Paratypes (1 ♂ 2 ♀♀): "IRAN. Gilan Province / Masuleh (Kuhha-ye Talish) / 680 m / N 37°09'45" E 049°01'34" / 02.08.2005, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *hyrcanus* sp. n. / des. Frisch, 2006".

Paratypes (1 ♂ 1 ♀): "IRAN. Mazandaran Province / 12 km E Kiyasar: / Alikolar, 1590 m / N 36°12'58" E 053°38'41" / 09.06.2006, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *hyrcanus* sp. n. / des. Frisch, 2006".

Current status. Valid species.

***Scopaeus iranensis* Frisch, 2006**

Scopaeus iranensis Frisch 2006a:9.

Paratype (1 ♀): "IRAN: Lorestan Province / NE Alashtar: Kahman / (Kuh-e Garri), 2000 m. / N 33°56'37" E 048°20'48" / 25.06.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *iranensis* sp. n. / des. Frisch, 2005".

Paratypes (1 ♂ 1 ♀): "IRAN: Kermanshah Province / 25 km E Sonqor: Tappeh / 1700m / N 34°43'48" E 047°53'22" / 23.06.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *iranensis* sp. n. / des. Frisch, 2005".

Current status. Valid species.

***Scopaeus kermanensis* Frisch, 2010**

Scopaeus kermanensis Frisch 2010:186.

Paratype (1 ♀): "IRAN: Kerman Province / Baft – Jiroft: 7 km NE Hanza / 2950 m / N 29°20'53" E 057°12'29" / 24.05.2010, leg. Frisch // Paratypus / *Scopaeus* ERICHSON / *kermanensis* sp. n. / des. Frisch, 2010".

Current status. Valid species.

***Scopaeus qohrudensis* Frisch, 2008**

Scopaeus qohrudensis Frisch 2008:286.

Paratype (1 ♀): "IRAN. Esfahan Province / Meymeh – Qamsar road: pass / 3 km W Qohrud, 2480 m / N 33°38'57" E 051°24'03" / 17.05.2007, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *qohrudensis* sp. n. / des. Frisch, 2008".

Paratypes (1 ♂ 1 ♀): "IRAN. Esfahan Province / 10 km E Zefreh / 2490 m (Mt Marshenan) / N 32°55'38" E 052°21'35" / 16.05.2007, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *qohrudensis* sp. n. / des. Frisch, 2008".

Paratypes (1 ♂ 1 ♀): "IRAN. Yazd Province / 10 km NW Nir: Sakhvid / 2550 m (Mt Shir) / N 31°30'55" E 054°03'14" / 14.05.2007, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *qohrudensis* sp. n. / des. Frisch, 2008".

Current status. Valid species.

***Scopaeus serriae* Frisch, 2006**

Scopaeus serriae Frisch 2006a:7.

Paratypes (2 ♂ 1 ♀): "IRAN. Lorestan Province SE Dorud: Saravand / (Oshtoran Kuh), 2050 m / N 33°34' E 049°25' / 27.06.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *serriae* sp. n. / des. Frisch, 2005".

Current status. Valid species.

***Scopaeus similis minor* Frisch, 2014**

Scopaeus similis minor Frisch 2014:206.

Paratypes (1 ♂ 1 ♀): "IRAN: Razavi Khorasan [province] / Kardeh Dam Rd, Goosh/village, 1490 m, N 36°42'13.3" E 59°35'01.0" / 26.V.2006, leg. Serri & Frisch // Paratypus *Scopaeus* ERICHSON *similis minor* sp. n. / des. J. Frisch 2014".

Current status. Valid subspecies.

***Scopaeus stramineus* Frisch, 2007**

Scopaeus stramineus Frisch 2007b:208.

Paratype (1 ♀): "IRAN. Hormozgan Province / Tall-e Gerdu, 820 m / (Bakhun Mts) / N 27°48'45" E 056°25'26" / 19.04.2006, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *stramineus* sp. n. / des. Frisch, 2006".

Current status. Valid species.

Scopaeus ulughdaghensis* Frisch, 2010Scopaeus ulughdaghensis* Frisch 2010:166.

Paratype (1 ♂): "IRAN: Azarbayjan-e Gharbi [province] / 14 km S Ziveh (Ulugh Dag) / 2320 m / N 37°09'09" E 044°52'55" / 01.09.2008, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *ulughdaghensis* sp. n. / des. Frisch, 2010".

Paratype (1 ♀): "IRAN: Azarbayjan-e Gharbi [province] / N Takab: 13 km / E Takht-e Soleyman 2450 m / N 36°36'07" E 047°19'42" / 07.09.2008, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *ulughdaghensis* sp. n. / des. Frisch, 2010".

Current status. Valid species.***Scopaeus zagrosensis* Frisch, 2006***Scopaeus zagrosensis* Frisch 2006a:11.

Paratypes (2 ♂♂ 1 ♀): "IRAN. Lorestan Province / SE Dorud: Saravand / (Oshtoran Kuh), 2050 m / N 33°34' E 049°25' / 27.06.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *zagrosensis* sp. n. / des. Frisch, 2005".

Paratypes (1 ♂): "IRAN. Lorestan Province / Kole Kuh: Choqa Gorg / 2250 m / N 33°11'21" E 049°30'01" / 28.06.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *zagrosensis* sp. n. / des. Frisch, 2005".

Paratypes (1 ♂ 1 ♀): "IRAN. Boyer Ahmadi va / Kohkiluyeh Province, Si Sakht / Dena Protected Area / (Kuh-e Dihar), 2440 m / N 30°51'17" E 051°30'55" / 08.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *zagrosensis* sp. n. / des. Frisch, 2005".

Paratypes (2 ♂♂ 1 ♀): "IRAN. Boyer Ahmadi va / Kohkiluyeh Province, Si Sakht / Dena Protected Area / (Kuh-e Dihar), 2700 m / N 30°52'20" E 051°30'17" / 08.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *zagrosensis* sp. n. / des. Frisch, 2005".

Paratype (1 ♀): "IRAN. Fars Province / S of Kakan / Dasht-e Khoshk, 2400 m / N 30°29'28" E 051°51'28" / 07.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *zagrosensis* sp. n. / des. Frisch, 2005".

Paratype (1 ♂): "IRAN. Fars Province / Margoon / 2040 m / N 30°31'35" E 051°54'47" / 09.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *zagrosensis* sp. n. / des. Frisch, 2005".

Paratype (1 ♀): "IRAN. Fars Province / Yasuj - Sepidan road / 20 km SO Yasuj, 2230 m / N 30°27'56" E 051°41'36" / 10.07.2004, leg. Frisch & Serri // Paratypus / *Scopaeus* ERICHSON / *zagrosensis* sp. n. / des. Frisch, 2005".

Current status. Valid species.**Superfamily Scarabaeoidea Latreille, 1802****Family Glaphyridae MacLeay, 1819*****Amphicoma azarbaijanica* Petrovitz, 1980***Amphicoma azarbaijanica* Petrovitz 1980:614.

Paratype (1 ♀): "[IRAN: East Azarbaijan province] 44 km SÖ [south east] Tabris / 15.6. Iran // Paratypus // *Amphicoma* (Eulasia) / *azarbaijanica* nov. / Petrovitz // 103 [in Farsi]".

Paratype (1 ♀): "IRAN: East Azarbaijan province] 25 km SÖ Tabris / Seeufer 15.6. IRAN // Paratypus // *Amphicoma* (Eulasia) / *azarbaijanica* nov. / Petrovitz // 103 [in Farsi]".

Current status. Valid species, current combination: *Eulasia azarbaijanica* (Petrovitz, 1980).***Pygopleurus deuvei* Montreuil & Serri, 2007***Pygopleurus deuvei* Montreuil & Serri 2007:2.

Paratype (1 ♂): "IRAN: Gilan [province] / Damash, 1880 m / 13.VI.2002 / O. Montreuil det. // PARATYPE // *Pygopleurus deuvei* n. sp. Montreuil & Serri, 2007".

Current status. Valid species.**Family Scarabaeidae Latreille, 1802****Subfamily Scarabaeinae Latreille, 1802****Tribe Onthophagini Burmeister, 1846**

***Onthophagus (Euonthophagus) amyntas aspadanaensis* Petrovitz, 1965**

Onthophagus (Euonthophagus) amyntas aspadanaensis Petrovitz 1965:671.

Paratype (1 ♀): "[IRAN: Fars province] Dasht Arjan / W. Shiraz, Iran / leg. Petrovitz // Paratypus // *Onth. (Euonthoph.) / amyntas / aspadanaensis* ssp.n. Petrovitz // 570".

Current status. Synonym of *Euonthophagus amyntas auchenia* L. Redtenbacher, 1850.

***Onthophagus (Euonthophagus) mostafasairii* Petrovitz, 1980**

Onthophagus (Euonthophagus) mostafasairii Petrovitz 1980:599.

Paratype (1 ex.): "[IRAN: Fars province] Dasht- Arjan / 1.5.1971 / [leg.] Radj[abi]. // 296 // *Onth. (Euonthoph.) / mostafa-sairii* n. / Petrovitz // *Onth. (Euonthoph.) / mostafa-sairii* n. det. Petrovitz".

Paratype (1 ♂): "[IRAN: Fars province] Dasht- Arjan / W. Shiraz, Iran / leg. Petrovitz // Paratypus".

Paratype (1 ♂): "[IRAN: Kerman province] Hosseinabad / no. Sirjan, Iran / leg. Petrovitz // Paratypus // *Onth. (Euonthoph.) / mostafa-tsairii* / Petrovitz // 27 [in farsi]".

Current status. Junior objective synonym of *Euonthophagus mostafatsairi* Palestini, Varola & Zunino, 1979.

Subfamily Melolonthinae Leach in Samouelle, 1819**Tribe Melolonthini Samouelle, 1819*****Cryptotrogus borumandi* Montreuil & Keith, 2017**

Cryptotrogus borumandi Montreuil & Keith 2017:7.

Holotype (♂): "[IRAN: Sistan & Baluchestan province] BALUCHESTAN / Tchahbehar / Tiss / 6–8.4.1973 / [leg.] Saf[avi], Broum[and] // HOLOTYPE // *Cryptotrogus / borumandi* n. sp. / O. Montreuil det. 2016".

Paratypes (5 ♂♂): "[IRAN: Sistan & Baluchestan province] BALUCHESTAN / Tchahbehar / Tiss / 6–8.4.1973 / [leg.] Saf[avi], Broum[and] // PARATYPE // *Cryptotrogus / borumandi* n. sp. / Montreuil & Keith / det.2017 / PARATYPE".

Paratype (1 ♀): "[IRAN: Sistan & Baluchestan province] Baloucestan / Cah. Behar. Konarak / III.49 / [leg.] Makoui // PARATYPE // *Cryptotrogus / borumandi* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Current status. Valid species.

***Cryptotrogus ebrahimi* Montreuil & Keith, 2017**

Cryptotrogus ebrahimi Montreuil & Keith 2017:19.

Holotype (♂): "[IRAN] Sistan & Baluchestān [province] / Sārāvān (palm tree) / 1250 m. 5.VI.1996 / [leg.] Mirz[ayans], Boru[mand], Fagh[ih] & Ebr[ahimi] // HOLOTYPE // *Cryptotrogus / ebrahimi* n. sp. / Dr. Keith et / O. Montreuil det. 2017 det.2016".

Paratypes (21 ♂♂ 1 ♀): "[IRAN: Sistan & Baluchestān [province] / Sārāvān (palm tree) / 1250 m. 5.VI.1996 / [leg.] Mirz[ayans], Boru[mand], Fagh[ih] & Ebr[ahimi] // PARATYPE // *Cryptotrogus / ebrahimi* n. sp. / Montreuil & Keith / det.2017 / PARATYPE".

Paratypes (2 ♂♂): "[IRAN: Sistan & Baluchestan province] / 10.V.57 / [leg.] Bachirelahi // PARATYPE".

Paratypes (4 ♂♂): "[IRAN: Sistan & Baluchestan province] / 10.V.57 / [leg.] Bachirelahi // PARATYPE// *Cryptotrogus / ebrahimi* n. sp. / Montreuil & Keith / det.2017 / PARATYPE"

Paratypes (4 ♂♂): "[IRAN: Sistan & Baluchestan province] / Saravan / 25.V.57 / [leg.] Bachirelahi // PARATYPE// *Cryptotrogus / ebrahimi* n. sp. / Montreuil & Keith / det.2017 / PARATYPE".

Current status. Valid species.

***Cryptotrogus mirzayansi* Montreuil & Keith, 2017**

Cryptotrogus mirzayansi Montreuil & Keith 2017:6.

Holotype (♂): "[IRAN] HORMOZGAN [province] / B. A. Bagho 50 m. / 30.4.1986. [leg.] Mirz[ayans] [&] Boru[and] // HOLOTYPE // *Cryptotrogus / mirzayansi* n. sp. / O. Montreuil & Keith / det. 2016".

Paratype (1 ♂): "[IRAN] HORMOZGAN / [province] Minab, 100 m. / 14.IV.1994 / [leg.] Ebra[himi] [&] Parch[ami] // PARATYPE / *Cryptotrogus / mirzayansi* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratype (1 ♂): "[IRAN] HORMOZGAN [province] / B. A. Bagho 50 m. / 30.4.1986. [leg.] Mirz[ayans] [&] Borum[and] // PARATYPE // *Cryptotrogus / mirzayansi* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Current status. Valid species.

***Cryptotrogus monodi* Montreuil & Keith, 2017**

Cryptotrogus monodi Montreuil & Keith 2017:12.

Holotype (♂): "[IRAN] KERMÁN [province] / Rafsandjan / Nough / 27.4.1973 / [leg.] Borum[and] // HOLOTYPE // *Cryptotrogus / monodi* n. sp. / Montreuil & Keith / det. 2016 // HOLOTYPE".

Paratypes (3 ♂♂): "[IRAN] KERMÁN [province] / Rafsandjan / Nough / 27.4.1973 / [leg.] Boruamd // PARATYPE // *Cryptotrogus / monodi* n. sp. / Montreuil & Keith / det. 2017 // PARATYPE".

Current status. Valid species.

***Cryptotrogus morgani* Montreuil & Keith, 2017**

Cryptotrogus morgani Montreuil & Keith 2017:12.

Holotype (♂): "[IRAN] KHUZESTAN [province] / Dezful, Baladieh / 400 m., 1.VI.1998 / [leg.] Mof[idi] [&] Ebra[himi] // HOLOTYPE // *Cryptotrogus / morgani* n. sp. / O. Montreuil det. 2016".

Paratypes (2 ♂♂): "[IRAN] KHUZESTAN [province] / Dezful, Baladieh / 400 m., 1.VI.1998 / [leg.] Mof[idi] [&] Ebra[himi] // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratypes (2 ♂♂): "[IRAN] KHUZESTAN [province] / Shustar, Kārun Co. / 400 m., 2.VI.1998 / [leg.] Ebra[himi] [&] Mof[idi] // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratypes (2 ♂♂): "[IRAN] KHUZESTAN [province], 15 km N.W. / Ahwaz Albaji / 50 m 14.4.1977 / [leg. Pazuki & Hashemi // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratypes (2 ♂♂): "[IRAN] KHUZESTAN [province] / Haft- Tappeh / 70 m .13.5.1975 / [leg. Pazuki & Hashemi // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratype (1 ♂): "[IRAN] KHUZESTAN [province] / Haft- Tappeh / 6.V.1994 / [leg.] Hash[emi] [&] Safz. [=Sarafrazi] // lab. // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratypes (1 ♂ 2 ♀♀): "[IRAN] KHUZESTAN [province] / Ahwaz / 6.7.1967 / [leg. Pazuki & Hashemi // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratypes (3 exx.): "[IRAN: KHUZESTAN province] / Ahwaz / 30.6.66 / [leg.] Gharib // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Paratype (1 ♀): "[IRAN: KHUZESTAN province] / Ahwaz / 7.June 1915 / 11 // PARATYPE // *Cryptotrogus / morgani* n. sp. / Montreuil & Keith / det. 2017 / PARATYPE".

Current status. Valid species.

***Cryptotrogus parallelus* Montreuil & Keith, 2017**

Cryptotrogus parallelus Montreuil & Keith 2017:11.

Holotype (♂): "[IRAN] KERMÁN [province] / Rafsandjan / Nough / 30.7.1974 / [leg.] Barkhordari // HOLOTYPE // *Cryptotrogus / parallelus* n. sp. / D. Keith et / O. Montreuil det. 2017".

Paratypes (3 ♂♂): "[IRAN] KERMÁN [province] / Rafsandjan - Nough / 30.7.1974 / [leg.] Barkhordari // PARATYPE // *Cryptotrogus / monodi* n. sp. / Montreuil & Keith / det. 2017 // PARATYPE".

Current status. Valid species.

***Melolontha borumandi* Montreuil, 2012**

Melolontha (Agropyga) borumandi Montreuil 2012:450.

Holotype (♂): "IRAN / Khuzestan [province] / Haftappeh / Ghaneii leg. / 24.IV.1984 // Holotype // *Melolontha (Agropyga) borumandi* sp. n. / O. Montreuil, det. 2012 // [Farsi label with the same data]".

Paratypes (4 ♂♂): "IRAN / Khuzestan [province] / Haftappeh / Ghaneii leg. / 24.IV.1984 // Paratype // *Melolontha (Agropyga) borumandi* sp. n. / O. Montreuil, det. 2012".

Paratypes (3 ♂♂): "[IRAN] Khuzestan [province] / Haftappeh / 70 m. 13.V.1975 / [leg.] Pazuki & Borumand // 1 // Paratype // [Farsi label with the same data]".

Paratype (1 ♂): "[IRAN] Khuzestan [province] / Andimeshk, Bidrobeh / Amirseyf, 700 m. 2.V.2001 // [leg.] Mofidi, Gilasian & Hajesmailian // Paratype // *Melolontha (Agropyga) borumandi* sp. n. / O. Montreuil, det. 2012".

Current status. Valid species.

Tribe Pachydemini Burmeister, 1855

Alaia sexdentata Petrovitz, 1980

Alaia sexdentata Petrovitz 1980:631.

Paratypes (2 ♂♂): "[IRAN] Ghom [province] / 20.6.1969 / [leg.] Abai // Paratypus // *Alaia* gen. nov. / *sexdentata* nov. / Petrovitz // 129 [in Farsi]".

Current status. Valid species.

Otoclinius fragilis Petrovitz, 1980

Otoclinius fragilis Petrovitz 1980:629.

Paratypes (2 ♂♂): "[IRAN: Hormozgan province] Bandar- abbas / Süd Iran / leg. Petrovitz // PARATYPUS // *Otoclinius* // *fragilis* n. sp. / Petrovitz // 128 [in Farsi]".

Current status. Valid species, current combination: *Falsotoclinius fragilis* (Petrovitz, 1980).

Tanyproctoides gormicus Montreuil & Keith, 2013

Tanyproctoides gormicus Montreuil & Keith, 2013:66.

Holotype (♂): "[IRAN] Bushehr / Jazireh-e Gorm / 0 m, 7.III.2001 / [leg.] Ghayourfar // HOLOTYPE // *Tanyproctoides (Odontiellus)* / *gormicus* n. sp. / KEITH & MONTREUIL, 2012".

Paratype (1 ♀♀): "[IRAN] Bushehr / Jazireh-e Gorm / 0 m, 7.III.2001 / [leg.] Ghayourfar // PARATYPE // *Tanyproctoides (Odontiellus)* / *gormicus* n. sp. / KEITH & MONTREUIL, 2012".

Current status. Valid species.

Tanyproctoides mirzayansinus Keith & Montreuil, 2005

Tanyproctoides mirzayansinus Keith & Montreuil 2005:222.

Holotype (♂): "[IRAN] Hormozgan: 35 km / Jask, 30 m. alt. / 13.3.1991 / [leg.] Mirzayans, Badii // HOLOTYPUS // *Tanyproctoides* / *mirzayansinus* n. sp. / KEITH & MONTREUIL, 2005".

Current status. Valid species.

Tanyproctus mirzayani Petrovitz, 1968

Tanyproctus mirzayani Petrovitz 1968:243.

Holotype (♂): "[IRAN: Sistan & Baluchestan province] Kasch / 9.IV.49 / [leg.] Mirzayan // 82 // Typus // *Tanyproctus* / *mirzayani* / Petrovitz // 117 [in Farsi]".

Paratype (1 ex.): "[IRAN: Sistan & Baluchestan province] Kasch / 9.IV.49 / [leg.] Mirzayan // 81 // Paratypus // *Tanyproctus* // *mirzayani* m. Petrovitz // 1 [in Farsi]".

Current status. Valid species, current combination: *Phalangonyx mirzayani* (Petrovitz, 1968).

Tribe Rhizotrogini Burmeister, 1855

Haplidia iranica Petrovitz, 1970

Haplidia iranica Petrovitz 1970:39.

Allotype (♀): "[IRAN: Kermanshah province,] Ghasr Chirin / Sar-Pol Zahab / 15.VI.51 / [leg.] F.B. [Farahbakh] // 120 [in Farsi] // *Haplidia* / *iranica* nov. Petrovitz // Allotypus // 72".

Current status. Valid species, current combination: *Aplidia iranica* (Petrovitz, 1970).

***Holochelus hivae* Montreuil & Keith, 2022**

Holochelus hivae Montreuil & Keith 2022:8.

Holotype (♂): "[IRAN] Kermanshah [province] / Rijab / 25.V.2007 // HOLOTYPE // *Holochelus / hivae* n. sp. / Keith et / O. Montreuil det. 2022".

Current status. Valid species.

***Lasiexis ebrahimii* Montreuil & Keith, 2022**

Lasiexis ebrahimii Montreuil & Keith 2022:5.

Holotype (♂): "[IRAN] HORMOZGĀN [province] / Geno Mt. 1550 m. / 18.IV.1994 / [leg.] Parch[ami] [&] Ebra[himi] // HOLOTYPE // *Lasiexis / ebrahimii* n. sp. / D. Keith et / O. Montreuil / det. 2022".

Paratypes (5 ♂♂): "[IRAN] HORMOZGĀN [province] / Geno Mt. 1550 m. / 18.IV.1994 / [leg.] Parch[ami] [&] Ebra[himi] // PARATYPE // *Lasiexis / ebrahimii* n. sp. / D. Keith et / O. Montreuil / det. 2022".

Paratypes (2 ♀♀): "[IRAN] HORMOZGĀN [province] / Geno Mt. 800 m. / 15–17.IV.1992 / [leg.] Mirz[ayans] [&] Badii // PARATYPE // *Lasiexis / ebrahimii* n. sp. / D. Keith et / O. Montreuil / det. 2022".

Current status. Valid species.

Subfamily Sericinae Kirby, 1837**Tribe Sericini Kirby, 1837*****Autoserica esfandiarrii* Petrovitz, 1970**

Autoserica esfandiarrii Petrovitz 1970:38.

Paratype (1 ex.): "[IRAN: Sistan & Baluchestan province] Zabol / V. [19]50 / [leg.] Mirzayans // 177 // Typus // *Maladera esfandiarrii* nov. / det. Petrovitz".

Current status. Synonym of *Maladera (Cephaloserica) insanabilis* Brenske, 1894.

***Maladera hivae* Montreuil & Keith, 2009**

Maladera hivae Montreuil & Keith 2009:60.

Paratypes (8 exx.): "IRAN: Kermanshah [province] / Jalilvand, Panjsavar / 22–23.V.2007 / O. Montreuil leg. // *Maladera hivae* n. sp. / O. Montreuil & D. Keith det. 2009 / PARATYPE".

Paratypes (9 exx.): "[IRAN] Kermanshah [province] / Khorramabad, Badrabad / 1200 m., 13.V.1994 / [leg.] Safz.[=Sarafrazi] [&] Hasch[emi] // PARATYPE // *Maladera hivae* n. sp. / O. Montreuil / & D. Keith /det. 2009 / PARATYPE".

Current status. Valid species.

***Maladera kermanica* Montreuil, 2016**

Maladera kermanica Montreuil 2016:112.

Holotype (♂): "[IRAN: Kerman province], Esfandagheh / djiroft / 20.4.1971 / [leg.] Saf[avi] [&] Zairi // HOLOTYPE // *Maladera / (Macroserica) / kermanica* / O. Montreuil det. 2015".

Paratype (1 ♀): "[IRAN: Kerman province], Esfandagheh / djiroft / 20.4.1971 / [leg.] Saf[avi] [&] Zairi // PARATYPE // *Maladera / (Macroserica) / kermanica* / O. Montreuil det. 2015".

Current status. Valid species.

***Maladera khuzestanica* Montreuil, 2016**

Maladera khuzestanica Montreuil 2016:113.

Holotype (♂): "[IRAN] Khuzestan [province] / Andimeshk, Bidrobeh / Amirseyf, 700 m., 20.V.2001 / [leg.] Mof[idi], Gil[asian] [&] Haj[esmailian] / HOLOTYPE // *Maladera (Macroserica) / khuzestanica* n. sp. / O. Montreuil det 2015".

Paratype (1 ♂): "[IRAN] Khuzestan [province] / Andimeshk, Bidrobeh / Amirseyf, 700 m., 20.V.2001 / [leg.] Mof[idi], Gil[asian] [&] Haj[esmailian] / PARATYPE // *Maladera (Macroserica) / khuzestanica* n. sp. / O. Montreuil det. 2015".

Current status. Valid species.

***Maladera mirzayansi* Montreuil & Keith, 2009**

Maladera mirzayansi Montreuil & Keith 2009:61.

Holotype (♂): "[IRAN] Fars [province] / Firouzabad. Muk / 1800 m. 8–9.5.1985 / [leg.] Mirz[ayans] [&] Hasch[emi] // HOLOTYPE // *Maladera / mirzayansi* / D. Keith et O. Montreuil det. 2008".

Current status. Valid species.

***Maladera mofidii* Montreuil & Keith, 2009**

Maladera mirzayansi Montreuil & Keith 2009:62.

Holotype (♂): "[IRAN] Fars [province] / Estahban, 1710 m. / 10–11.VI.1996 / [leg.] Safz. [=Sarafrazi], Badii & Linn[avori] // HOLOTYPE // *Maladera / mofidii* n. sp. / D. Keith / O. Montreuil det. 2008".

Current status. Valid species.

Subfamily Rutelinae MacLeay, 1819**Tribe Adoretini Burmeister, 1844****Subtribe Adoretina Burmeister, 1844*****Adoretus sistanicus* Petrovitz, 1970**

Adoretus sistanicus Petrovitz 1970:41.

Allotype (♀): "[IRAN: Sistan & Baluchestan province] Zabol / 1.6.50 [leg.] Mirz[ayans] // Allotypus // *Adoretus / sistanicus* nov. / det. Petrovitz, 1970 // 74 // 150 [Farsi label]".

Current status. Valid species.

Tribe Anomalini Mulsant, 1842**Subtribe Anisopliina Burmeister, 1844*****Anisoplia austriaca persica* Petrovitz, 1980**

Anisoplia austriaca persica Petrovitz 1980:633.

Paratypes (1 ♂ 1 ♀): "[IRAN: Tehran province] Evin (Tehran) / leg. Petrovitz // *Anisoplia austriaca / ssp. persica* nov. / Petrovitz // Paratypus".

Current status. Valid subspecies.

Subtribe Popilliina Ohaus, 1918***Pharaonus adelphus* Keith, Sabatinelli & Uliana, 2015**

Pharaonus adelphus Keith, Sabatinelli & Uliana 2015:168.

Paratype (1 ♂): "[IRAN: Kerman province] Kerman / 2.VI.51 / [leg.] Salavatian // Paratypus / *Pharaonus (Pharaonus) / adelphus* / Keith, Sabatinelli & Uliana, 2015".

Current status. Valid species.

Subfamily Dynastinae MacLeay, 1819**Tribe Oryctini Mulsant, 1842*****Oryctes nasicornis shiraticus* Endrodi & Petrovitz, 1974**

Oryctes nasicornis shiraticus Endrodi & Petrovitz 1974:8.

Paratype (1 ♂): "[IRAN: Fars province] Miandjanganhal / 29.4.1971 / [leg.] Saf & Zairi // Paratypus / *O. nasicornis shiraticus* Endr. & Pet. // PARATYPUS".

Paratype (1 ♂): "[IRAN: Fars province] Chiraz / 9.III.[19]45, leg. Mirz // *O. nasicornis shiraticus* Endr. & Pet".

Current status. Valid subspecies.

Subfamily Cetoniinae Leach, 1815

Tribe Cetoniini Leach, 1815

Subtribe Cetoniina Leach, 1815

Aethiessa legrandi Montreuil, Sabatinelli & Uliana, 2022

Aethiessa legrandi Montreuil, Sabatinelli & Uliana 2022:23.

Holotype (♂): "[IRAN: Fars province]: BAKO / Jubkhale Bala / 12.VI.2012 // *Aethiessa / legrandi* n. sp. / O. Montreuil det. 2019".

Current status. Valid species.

Oxythyrea cinctella taftanensis Montreuil & Legrand, 2008

Oxythyrea cinctella taftanensis Montreuil & Legrand 2008:157.

Holotype (♂): "[IRAN: Sistan & Baluchestan province] Kouschek (Taft.) / 19.4.1971 / [leg.] Radjabi // HOLOTYPE // *Oxythyrea / cinctella / taftanensis* n. ssp. / J. Ph. Legrand / O. Montreuil, 2008".

Paratypes (5 exx.): "[IRAN: Sistan & Baluchestan province] Kouschek (Taft.) / 19.4.1971 / [leg.] Radjabi // PARATYPE // *Oxythyrea / cinctella / taftanensis* n. ssp. / J. Ph. Legrand / O. Montreuil, 2008".

Paratypes (5 exx.): "[IRAN: Sistan & Baluchestan province] Kouschek (Taft.) / 20.4.1971 / [leg.] Radjabi // PARATYPE // *Oxythyrea / cinctella / taftanensis* n. ssp. / J. Ph. Legrand / O. Montreuil, 2008".

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan province] Kouschek (Taft.) / 2.5.1969 / [leg.] Dez[foulani] [&] Hasch[emi] // PARATYPE // *Oxythyrea / cinctella / taftanensis* n. ssp. / J. Ph. Legrand / O. Montreuil, 2008".

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan province] Kouschek- Khash / 2.5.1968 / [leg.] Paz[uki] [&] Hasch[emi] // PARATYPE // *Oxythyrea / cinctella / taftanensis* n. ssp. / J. Ph. Legrand / O. Montreuil, 2008".

Current status. Synonym of *Oxythyrea cinctella* (Schaum, 1841a).

Potosia splendidula kermanensis Montreuil & Legrand, 2008

Potosia splendidula kermanensis Montreuil & Legrand 2008:161.

Paratypes (6 exx.): "[IRAN: Kerman province] Jiroft, Esfandageh / Sargaz 1650m. / 20.5.1977 / [leg.] Saf[avi], Paz[uki]. Abai // *Potosia splendidula kermanensis* n.ssp. / J. Ph. Legrand / et O. Montreuil 2008".

Current status. Valid subspecies.

Superfamily Dascilloidea Guérin-Ménéville, 1843

Family Dascilloidae Guérin-Ménéville, 1843

Subfamily Karumiinae Escalera, 1913

Tribe Karumiini Escalera, 1913

Zarudniola loeffleri kermanensis Wittmer, 1983

Zarudniola loeffleri kermanensis Wittmer 1983:270.

Paratype (1 ♂): "[IRAN: Fars province] S. IRAN / Mianjangal / 30.5– 5.6.1973 // Loc. No. 223 / Exp. Nat. Mus. / Praha // Paratypus // *Zarudniola / loeffleri / kermanensis* Wittmer".

Paratypes (2 ♂♂ 1 ♀): "[IRAN: Kerman province] E Iran, 1650 m / Gan Koshi / 7.8.1973 // Loc. No. 190 / Exp. Nat. Mus. / Praha / Paratypus // *Zarudniola / loeffleri / kermanensis* Wittmer".

Current status. Valid subspecies, current combination: *Karumia loeffleri kermanensis* (Wittmer, 1983).

Superfamily Buprestoidea Leach, 1815

Family Buprestidae Leach, 1815

Subfamily Julodinae Lacordaire, 1857

Julodella iranica* Bílý, 1983Julodella iranica* Bílý 1983:33.Paratypes (2 ♂♂): "[IRAN: Hormozgan province] S. Iran 400m. / 6 km W Geno / 7–9.5.1977 // Loc.no. 323 / Exp. Nat. Mus. / Praha // PARATYPE / *Julodella / iranica* sp. n. SV. Bílý det."**Current status.** Valid species.**Subfamily Polycestinae Lacordaire, 1857****Tribe Acmaeoderini Kerremans, 1893*****Xantheremia jelineki* Bílý, 1983***Xantheremia jelineki* Bílý 1983:46.Paratype (1 ♀): "[IRAN] E Iran, 55 km S Hadjiabad, 2000 m, 10.5.1973 // Loc.no. 195 Exp. Nat. Mus. Praha // ♀ // PARATYPE *Xantheremia jelineki* sp. n. SV Bílý det."**Current status.** Valid species.***Xantheremia volkovitshi* Bílý, 1983***Xantheremia volkovitshi* Bílý 1983:45.Paratype (1 ex.): "[IRAN: Kerman province] C Iran Rafsanjan 22.3.1973 // Loc.no. 131 Exp. Nat. Mus. Praha // Paratype *Xantheremia volkovitshi* sp. n. SV. Bílý det."**Current status.** Valid species.**Subfamily Buprestinae Leach, 1815****Tribe Anthaxiini Gory & Laporte, 1837*****Anthaxia armeniaca farsica* Bílý, 1983***Anthaxia armeniaca farsica* Bílý 1983:53.Paratype (1 ♀): "[IRAN: Kohgiluyeh & Boyerahmad province] S. Iran, 29 km / E Yassuj, 2300 m / 16–17.6.1973 // Loc.no. 245 / Exp. Nat. Mus. / Praha // ♀ // PARATYPE / *Anthaxia / (Haplanthaxia) / armeniaca farsica* / ssp. n. SV. Bílý det."**Current status.** *Anthaxia (Haplanthaxia) winkleri* ssp. *farsica* Bílý, 1983 (Biocchi & Magnani 2010).***Anthaxia turana chorasana* Bílý, 1983***Anthaxia turana chorasana* Bílý 1983:61.Paratype (1 ex.): "[IRAN: Razavi Khorasan province] NE Iran, Hesar / 50 km ESE Nishabur / 12–13.6.1977, 1400m // Loc.no. 364 / Exp. Nat. Mus. / Praha // PARATYPE / *Anthaxia (Hapl.) / turana / chorasana* ssp / Bílý det."**Current status.** Valid subspecies.**Superfamily Byrrhoidea Latreille, 1804****Family Elmidae Curtis, 1830****Subfamily Elminae Curtis, 1830****Tribe Elmini Curtis, 1830****Subtribe Elmina Curtis, 1830*****Elmis assyriae* Olmi, 1981***Elmis assyriae* Olmi 1981:338.Paratypes (4 exx.): "[Türkiyeh] Kazan, Toros / Anat. 8–9.8.47 / Exp. N. Mus. ČSR // Paratypus // *Elmis / assyriae* Olmi / M. Olmi det. 76".**Current status.** *Elmis bosnica assyriae* Olmi, 1981.

Superfamily Elateroidea Leach, 1815**Family Elateridae Leach, 1815****Subfamily Elaterinae Leach, 1815****Tribe Agriotini Champion, 1894*****Agriotes bagherii* Platia, Furlan & Gudenzi, 2002**

Agriotes bagherii Platia, Furlan & Gudenzi 2002:68.

Paratypes (3 ♂♂): "IRAN-SH- 3 / [Chaharmahal & Bakhtiari province] Shahr e-Kord / 4.IV.01 [leg.] Bagheri // PARATYPUS / *AGRIOTES* / *bagherii* n. sp. / Platia- Furlan- Gu [Gudenzi]".

Current status. Valid species.

***Agriotes iranicus* Platia, Furlan & Gudenzi, 2002**

Agriotes iranicus Platia, Furlan & Gudenzi 2002:69.

Paratype (1 ♂): "IRAN SH-4 / [Chaharmahal & Bakhtiari province] Shahr-e Kord / 8.IV.01 [leg.] Bagheri // PARATYPUS / *Agriotes* / *iranicus* n. sp. / Platia, Furlan & Gudenzi".

Current status. Valid species.

***Agriotes kurdistanus* Platia & Akrawi, 2013**

Agriotes kurdistanus Platia & Akrawi 2013:213.

Paratype (1 ♂): "Iraq- Kurdistan Region / Dohuk, Akrah district [Dohuk-Akre, Bjil, district] / VI-IX.2011 at light // PARATYPUS / *AGRIOTES* / *kurdistanus* n. sp. / [leg.] Platia & Akrawi".

Current status. Valid species.

Tribe Ampedini Gistel, 1856***Reitterelater prosternalis* Nasserzadeh & Platia, 2021**

Reitterelater prosternalis Nasserzadeh & Platia 2021:355.

Holotype (♂): "IRAN, Azarbaijan-e Gharbi / Mirabad P.A., Sardasht to / Mirabad rd., nr. Nalas, Degeh vill., N 36°16', E 45°29' / ca. 1200 m, 27.V.2016 (L.T.) [leg. H. Nasserzadeh] // HOLOTYPE ♂ / *Reitterelater prosternalis* / sp. n., det. Nasserzadeh & / Platia, 2021".

Current status. Valid species.

Subfamily Melanotinae Candèze, 1859 [1856]***Melanotus borumandi* Nasserzadeh & Platia, 2021**

Melanotus borumandi Nasserzadeh & Platia 2021:348.

Holotype (♂): "[IRAN] Kordeatsn province, Kusalan / va Shaho p.a., Sarvabad / 2 km E Dezli, N 35°22'34.5" / E 46°09'36.4", 1379 m, 30.VI. / 2015, leg. H. Nasserzadeh (L.T.) // HOLOTYPE / *Melanotus* / *borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratype (1 ♀): "[IRAN] Ardabil [province] / 14.VI.2000 / Aghdam / on potato // PARATYPE / *Melanotus* / *borumandi* sp. n. / Nasserzadeh & / Platia, 2021"

Paratype (1 ♂): "[IRAN] Ardabil prov., Moghan p.a. / 1 km W Aslanduz, nr. Aras / river, N 39°26'15.1", E 47°24'05.9", 182 m, 25.VII.2017 / leg. Nasserzadeh & / Mojdehi (L.T) // PARATYPE / *Melanotus* / *borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratypes (40 ♂♂, 4 ♀♀): "[IRAN] Ardabil prov., Moghan p.a. / ca. 20 Km S Sarband, nr. / Alamlu vill., N 39°37'30.6" / E 47°46'57.8", 58 m / 27.VI.2017 / leg. H. Nasserzadeh (L.T) // PARATYPE / *Melanotus* / *borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratypes (2 ♂♂): "IRAN, Ardabil prov. Moghan / P.A., ca. 4km W Aslanduz / nr. Aras river, N 39°29'42.1" / E 48°03'04.5", 101 m, 28.VI. / 2017, leg. H. Nasserzadeh & / M. Mojdehi (L.T) // PARATYPE / *Melanotus* / *borumandi*

sp. n. / Nasserzadeh & / Platia, 2021".

Paratypes (3 ♂♂): "[IRAN, Ardabil province] Khalkhal / 25.7.49 / [leg.] Mak[oui]. // PARATYPE / *Melanotus / borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratype (1 ♂): "[IRAN] W. Azarbaijan / Rezaieh / 3.6.1975 / [leg.] Abai L.T // PARATYPE / *Melanotus / borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratypes (9 ♂♂): "[IRAN] Azarbaijan-e Sharghi prov. / Arasbaran p. a., Kaleybar / nr. Vinagh vill., N 38°59'56.6" / E 46°51'45.4", 1194 m, / 23.VI.2015 / leg. H. Nasserzadeh (L.T) // PARATYPE / *Melanotus / borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratype (1 ♀): "IRAN, Azarbaijan-e Sharghi / Arasbaran P.A., Jananlu to / Kaleybar rd., ca. 28 km S / Jananlu, N 38°57'09.8", E 47° / 01'17.3", 756 m, 26.VI.2017 / leg. H. Nasserzadeh // PARATYPE / *Melanotus / borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratypes (1 ♂ 1 ♀): "[IRAN] Kordeatsn province, Kusalan / va Shaho p.a., Sarvabad / 2 km E Dezli, N 35°22'34.5" / E 46°09'36.4", 1379 m, 30.VI. / 2015, leg. H. Nasserzadeh (L.T.) // PARATYPE / *Melanotus / borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Paratype (1 ♂): "[IRAN] KORDESTĀN / Marivān, Kanisānān / 1320 m; 9.VIII.2004 / [leg.] Gh./Nem. [Ghayourfar & Nematian] // PARATYPE / *Melanotus / borumandi* sp. n. / Nasserzadeh & / Platia, 2021".

Current status. Valid species.

***Melanotus kurdestanicus* Nasserzadeh & Platia, 2021**

Melanotus kurdestanicus Nasserzadeh & Platia 2021:353.

Holotype (♂): "[IRAN] Kordestan prov., Marivan / Zarivar Wildlife Sanctuary / ca. 1 km E Sardush, N 35°32'33.3" / E 46°05'0.5", 1400 m, 22.VIII.2017 / leg. H. Nasserzadeh // HOLOTYPE / *Melanotus / kurdestanicus* sp. n. / H. Nasserzadeh & / G. Platia, 2021".

Current status. Valid species.

Subfamily Pleonominæ Semenov & Pjatakova, 1936

Tribe Pleonimini Semenov & Pjatakova, 1936

***Gurjevelater catei* Nasserzadeh & Platia, 2023**

Gurjevelater catei Nasserzadeh & Platia [in Nasserzadeh et al.] 2023a:110.

Holotype (♂): "IRAN: Khuzestan prov. (L.T) / Andika, Shimbaar P.A., Chelo / to Taaraaz rd., Soosan- / Sorkhaab vill., N 32°20'03.8" / E 48°46'09.2", 708 m., 07.VI. / 2019, leg. H. Nasserzadeh // HOLOTYPE ♂ / *Gurjevelater catei* / sp. n., det. Nasserzadeh / & Platia, 2023".

Paratypes (2 ♂♂): "IRAN: Khuzestan prov. / Andimeshk, Chehempa P. A. / Dokuhe to Dez dam rd. / ca. 25 km N Andimeshk, N32° / 40'18.4" E 48°21'07.1", 419 m / 9.VI.2019, leg. H. Nasserzadeh // PARATYPE ♂ / *Gurjevelater catei* / sp. n., det. Nasserzadeh / & Platia, 2023".

Current status. Valid species.

Subfamily Denticollinae Stein & J. Weise, 1877

Tribe Denticollini Stein & J. Weise, 1877

Subtribe Athouina Candèze, 1859

***Elathous zagrosensis* Nasserzadeh & Platia, 2018**

Elathous zagrosensis Nasserzadeh & Platia [in Nasserzadeh et al.] 2018:528.

Holotype (♂): "[IRAN] Ilam [province], Ghallajeh / 1810 m., 18–19.VIII / 1996 / [leg.] Bar[ari], Parch[ami], V. Naz[ari] // HOLOTYPE / *Elathous / zagrosensis* sp. n. / det. Nasserzadeh & Platia / 2018".

Paratype (1 ♂): "[IRAN] KERMANSHAH [province] / Kermanshah, Mahidasht / Chaharzebar-e Olya, 1500 m. / 21–22.VIII.1996 / [leg.] Parch[ami], Bar[ari] [&] V. Naz[ari] // PARATYPE / *Elathous / zagrosensis* sp. n. / det. Nasserzadeh & Platia / 2018".

Current status. Valid species.

***Pleurathous hyrcanicus* Nasserzadeh & Platia, 2008**

Pleurathous hyrcanicus Nasserzadeh & Platia [in Nasserzadeh et al.] 2008:292.

Holotype (♂): "IRAN Mazandaran [province] / Dasht-e Naz (35 km / NE Sari) 5.VI.2005 / [leg.] H. Barimani Ph. Traps // Holotype / *Pleurathous hyrcanicus* sp. n. Nasserzadeh & Plata // HOLOTYPE / *Pleurathous hyrcanicus* n. sp. / Nasserzadeh, Platia / & Barimani, 2005".

Paratypes (9 exx.): "IRAN Mazandaran [province] / Dasht-e Naz (35 km / NE Sari) 5.VI.2005 / [leg.] H. Barimani Ph. Traps // PARATYPE / *Pleurathous hyrcanicus* sp. n. / Nasserzadeh, Plata // PARATYPE / *Pleurathous hyrcanicus* n. sp. / Nasserzadeh, Platia / & Barimani, 2005".

Current status. Valid species.

Subfamily Hemiopinae Fleutiaux, 1941

Tribe Hemiopini Fleutiaux, 1941

***Zorochros dilatatus* Nasserzadeh & Platia, 2018**

Zorochros dilatatus Nasserzadeh & Platia [in Nasserzadeh et al.] 2018:530.

Holotype (♂): "Ilam [province], Abdanan to / Darreshahr Rd., 3km. S. / Darreshahr, 810 m., N 33°06'10"/ E 47°21'13.5", 6.V.2008 / leg. Nas[serzadeh], Nem[atian], Montreuil // HOLOTYPE / *Zorochros dilatatus* / sp. n., Nasserzadeh & / Platia, 2018".

Paratypes (2 ♂♂ 6 ♀♀): "Ilam [province], Abdanan to / Darreshahr Rd., 3 km. S. / Darreshahr, 810 m., N 33°06'10"/ E 47°21'13.5", 6.V.2008 / leg. Nas[serzadeh], Nem[atian], Montreuil // PARATYPE / same data as holotype".

Paratypes (2 ♂♂ 10 ♀♀): "[IRAN] HAMEDAN [province] / S. Hamedan, Oshtoran / to Karzan Rd., 1 km. / NW. Karzan, 1910 m. / N 34°36'24.2"/ E 48°19'43.2"/ 2.VI.2007 / leg. Nas[serzadeh], Zahiri, Mont[reuil]. // PARATYPE / *Zorochros dilatatus* / sp. n., Nasserzadeh & / Platia, 2018".

Paratypes (23 exx.): "KERMANS SHAH [province], Kerend to / Sarpo-e Zahab, 22km. W. / Kerend, 1405 m. N 34°21' 25.5" E 46°06'25.9", 24.V. / 2007, Leg. Nas[serzadeh], Zahiri, Mont [reuil]// PARATYPE / *Zorochros dilatatus* / sp. n., Nasserzadeh & / Platia, 2018".

Paratypes (23 exx.): "KERMANS SHAH [province], Sarmast to Eslamabad / -e Gharb Rd., Beyg- /Rezaii Vill., 1530 m / N 34°04'26.2" / E 46°21'56.7 / 23.V.2007 / Leg. Nas[serzadeh], Zahiri, Mont [reuil] // PARATYPE / *Zorochros dilatatus* / sp. n., Nasserzadeh & / Platia, 2018".

Paratypes (17 exx.): "LORESTAN [province], 15 km. N. / Oshtorinan, 1880m. / N 34°04'38.9" E 48°36'30.8" / 31.V.2007 / Leg. Nas[serzadeh], Zahiri, Mont[reuil] // PARATYPE / *Zorochros dilatatus* / sp. n., Nasserzadeh & / Platia, 2018".

Current status. Valid species.

***Zorochros parvus* Nasserzadeh & Platia, 2023**

Zorochros parvus Nasserzadeh & Platia [in Nasserzadeh et al.] 2023b:191.

Holotype (♂): "[IRAN] Lorestan province / Andimeshk to Khorramabad / hwy., ca. 50 km N Andimeshk, 586 m., N 32°57'47.7" E 48°08'43.1", 10.VI.2019, leg. H. Nasserzadeh // HOLOTYPE ♂ / *Zorochros parvus* sp. n. / det. Nasserzadeh & // Platia, 2023".

Paratypes (2 ♂♂): "[IRAN] Lorestan province / Andimeshk to Khorramabad / hwy., ca. 50 km N Andimeshk, 586 m., N 32°57'47.7 E 48°08'43.1, 10.VI.2019, leg. H. Nasserzadeh // PARATYPE ♂ / *Zorochros parvus* sp. n. / det. Nasserzadeh & // Platia, 2023".

Current status. Valid species.

Subfamily Cardiophorinae Candèze, 1860

Tribe Cardiophorini Candèze, 1860

***Cardiophorus maculatus* Cate, Platia & Schimmel, 2002**

Cardiophorus maculatus Cate, Platia & Schimmel 2002:48.

Paratype (1 ♂): "[IRAN: province] SE Iran, 1420 m / Deh Pápid / 28.3.1973 // Loc. No 137 / Exp. Nat. Mus. / Praha // PARATYPE / *CARDIOPHORUS maculatus* n. sp. / Cate-Platia-Schimmel".

Current status. Valid species.

Craspedostethus miangaranensis Nasserzadeh & Platia, 2023

Craspedostethus miangaranensis Nasserzadeh & Platia [in Nasserzadeh et al.] 2023a:114.

Holotype (♂): "IRAN: Khuzestan prov. / Izeh, Miangaran P.A. / Miangaran wetland / N 31°52'16.9" E 49°53'06.9" / 860 m, 04.VI.2019 / leg. H. Nasserzadeh (L.T.) // HOLOTYPE ♂ / *Craspedostethus / miangaranensis* sp. n. / det. Nasserzadeh & / Platia, 2023".

Paratypes (2 ♂♂): "IRAN: Khuzestan prov. / Izeh, Miangaran P.A. / Miangaran wetland / N 31°52'16.9" E 49°53'06.9" / 860 m, 04.VI.2019 / leg. H. Nasserzadeh (L.T.) // PARATYPE ♂ / *Craspedostethus / miangaranensis* sp. n. / det. Nasserzadeh & / Platia, 2023".

Paratype (1 ♀): "IRAN: Khuzestan prov. / Izeh, Miangaran P.A. / Miangaran wetland / N 31°52'16.9" E 49°53'06.9" / 860 m, 04.VI.2019 / leg. H. Nasserzadeh (L.T.) // PARATYPE ♀ / *Craspedostethus / miangaranensis* sp. n. / det. Nasserzadeh & / Platia, 2023".

Current status. Valid species.

Dicronychus iranicus Nasserzadeh & Platia, 2018

Dicronychus iranicus Nasserzadeh & Platia [in Nasserzadeh et al.] 2018:534.

Holotype (♀): "[IRAN: Kermanshah province] KERMANSHAH, Ghasr-e / Shirin to Sarpol-e / Zahab Rd., 15 km. E. / Ghasr-e Shirin, 460 m. / N 34°27'57" / E 45°45'36" / 25.V.2007, leg. Nas[serzadeh], Zahiri, Montreuil // HOLOTYPE / *Dicronychus / iranicus* sp. n. / H. Nasserzadeh & G. Platia / 2018".

Current status. Valid species.

Dicronychus izehensis Nasserzadeh & Platia, 2023

Dicronychus izehensis Nasserzadeh & Platia [in Nasserzadeh et al.] 2023a:119.

Holotype (♂): "IRAN: Khuzestan prov. / Izeh, Miangaran P.A. / Miangaran wetland / N 31°52'16.9" E 49°53'06.9" / 860 m, 04.VI.2019 / leg. H. Nasserzadeh (L.T.) // HOLOTYPE ♂ / *Dicronychus izehensis* / sp. n., det. Nasserzadeh / & Platia, 2023".

Paratypes (2 ♂♂): "IRAN: Khuzestan prov. / Izeh, Miangaran P.A. / Miangaran wetland / N 31°52'16.9" E 49°53'06.9" / 860 m, 04.VI.2019 / leg. H. Nasserzadeh (L.T.) // PARATYPE ♂ / *Dicronychus izehensis* / sp. n., det. Nasserzadeh / & Platia, 2023".

Paratype (1 ♀): "IRAN: Khuzestan prov. / Izeh, Miangaran P.A. / Miangaran wetland / N 31°52'16.9" E 49°53'06.9" / 860 m, 04.VI.2019 / leg. H. Nasserzadeh (L.T.) // PARATYPE ♀ / *Dicronychus izehensis* / sp. n., det. Nasserzadeh / & Platia, 2023".

Current status. Valid species.

Neocardiophorus pilicornis Platia, 2008

Neocardiophorus pilicornis Platia 2008:207.

Paratype (1 ♂): "[IRAN] C Iran, Esfahan prov. / Kashan area, 25 km NE / Aran- va- Bidgol 26–24.04.07 / A. Klimenko leg. // SRGI // Paratypus / *Neocardiophorus / pilicornis* G. Plata describit".

Paratypes (2 ♂♂): "C IRAN, Esfahan Prov., / Kashan area, 25 km NE / Aran-va-Bitgol, 26–27.04.07, / A. Klimenko leg. // PARATYPUS ♂ / *NEOCARDIOPHORUS / pilicornis* n. sp. / G. Platia describit".

Current status. Valid species.

Family Cantharidae Imhoff, 1856

Subfamily Cantharinae Imhoff, 1856

Tribe Cantharini Imhoff, 1856

Rhagonycha esfandiarrii Wittmer, 1972

Rhagonycha esfandiarrii Wittmer 1972b:197.

Paratype (1 ♂): "[IRAN: Golestan province] Gole lovae / 750 / 1400 m // Iran 1970.3.5 / Wittmer v. Bothmer // PARATYPUS / *Rhagonycha / esfandiarrii* / Wittm. / det. W. Wittmer".

Current status. Valid species.

***Rhagonycha vitticollis caspica* Wittmer, 1972**

Rhagonycha vitticollis caspica Wittmer 1972a:65.

Paratype (1 ♀): "[IRAN: Gilan provinve] Assalam, / 1300 m 10.5 / Iran 1970 / Wittmer v. Bothmer // PARATYPUS // *Rhagonycha / vitticollis* ssp. / *caspica* Wittm. / det. W. Wittmer".

Current status. Valid species *Rhagonycha caspica* Wittmer, 1972.

Subfamily Malthininae Kiesenwetter, 1852**Tribe Malthodini Böving & Craighead, 1930*****Malthodes caspicus* Wittmer, 1972**

Malthodes caspicus Wittmer 1972b:202.

Paratypes (1 ♂ 1 ♀): "[IRAN: Golestan province] Gole Lovae / 750 / 1400 m // Iran 1970.3.5 / Wittmer, v. Bothmer // PARATYPUS // *Malthodes / caspicus* / det. W.Wittmer".

Current status. Valid species.

***Malthodes talyshensis* Wittmer, 1972**

Malthodes talyshensis Wittmer 1972b:203.

Paratype (1 ♂): "[IRAN: Gilan province:] Assalam, / 1300 m // Iran, 1970.10.5, / Wittmer, V. Bothmer // PARATYPUS // *Malthodes / talyshensis* / [leg.] Wittm[er]. / det. W. Wittmer".

Current status. Valid species.

Superfamily Cucujoidea Latreille, 1802**Family Nitidulidae Latreille, 1802****Subfamily Carpophilinae Erichson, 1842*****Carpophilus pictus* Jelinek, 1986**

Carpophilus pictus Jelínek 1986:456 (non Heer, 1841).

Paratypes (3 exx.): "[IRAN] S Iran / Isin / 28.4–6.5.1977 // Loc. No. 320 / Exped. Nat. Mus. / Praha // Paratypus / *Carpophilus / pictus* sp. n. / Jelinek, 1985".

Current status. Valid species with substitute name *Carpophilus jelineki* Audisio & Kirejtshuk, 1989.

Family Coccinellidae Latreille, 1807**Subfamily Sticholotidinae J. Weise, 1901****Tribe Serangiini Blackwelder, 1945*****Serangium montazerii* Fürsch, 1994**

Serangium montazerii Fürsch 1995:20.

Paratypes (1 ♂ 1 ♀): "IRAN: Mazandaran prov. / Mazandaran, Gorgan / 1994 / on Citrus leg. Montazeri 94 // Paratype / *Serangium montazerii* / Fürsch, 1994 // Montazeri".

Current status. Valid species.

Superfamily Tenebrionoidea Latreille, 1802**Family Mordellidae Latreille, 1802****Subfamily Mordellinae Latreille, 1802****Tribe Stenaliini Franciscolo, 1955*****Stenalia iranica* Horák, 1981**

Stenalia iranica Horák 1981:335.

Paratype (1 ex.): "[IRAN Sistan & Baluchestan province] E. Iran / Kahurak / 25–26.3.1973 // Loc no. 135 Exp. Nat. Mus. Praha // Paratypus / *Stenalia iranica* sp. n. / S. Horák, 1978".

Current status. Valid species.

Family Tenebrionidae Latreille, 1802

Subfamily Pimeliinae Latreille, 1802

Tribe Tentyriini Eschscholtz, 1831

Calyptopsis bakhtiarii Eshraghi Mofrad & Nabozhenko, 2025

Calyptopsis bakhtiarii Eshraghi Mofrad & Nabozhenko 2025:2.

Holotype (♂): "IRAN: Chaharmahal and Bakhtiari Prov. / Zagros Mts, Dezak env. / H = 2000–2100 m / 32°10'11.7"N, 50°19'03.2"E / 3.VI.2024 / leg. F. Eshraghi Mofrad // Holotype / *Calyptopsis bakhtiarii* / Eshraghi Mofrad & Nabozhenko, 2025".

Paratypes (1 ♂ 3 ♀): "IRAN: Chaharmahal and Bakhtiari Prov. / Zagros Mts, Biregan env. / H = 2400–2500 m / 32°20'42.6"N, 50°10'58.4"E / 8.VI.2024 / leg. F. Eshraghi Mofrad // Paratype / *Calyptopsis bakhtiarii* / Eshraghi Mofrad & Nabozhenko, 2025".

Current status. Valid species.

Calyptopsis mokhtariani Eshraghi Mofrad & Nabozhenko, 2025

Calyptopsis mokhtariani Eshraghi Mofrad & Nabozhenko 2025:11.

Holotype (♂): "IRAN: Ardabil Prov. / Alborz Mts, Susahab / Mirajin village env. / H = 2100–2300 m / 37°23'13.3"N, 48°30'28.0"E / 5.VII.2024 / leg. F. Eshraghi Mofrad // Holotype / *Calyptopsis mokhtariani* / Eshraghi Mofrad & Nabozhenko, 2025".

Paratypes (2 ♀ ♀): "IRAN: Ardabil Prov. / Alborz Mts, Susahab / Mirajin village env. / H = 2100–2300 m / 37°23'13.3"N, 48°30'28.0"E / 5.VII.2024 / leg. F. Eshraghi Mofrad // Paratype / *Calyptopsis mokhtariani* / Eshraghi Mofrad & Nabozhenko, 2025".

Current status. Valid species.

Calyptopsis muilwijki Eshraghi Mofrad & Nabozhenko, 2025

Calyptopsis muilwijki Eshraghi Mofrad & Nabozhenko 2025:4.

Holotype (♂): "IRAN: Chaharmahal and Bakhtiari Prov. / Zagros Mts, Chelgerd, Shykh Ali Khan env. / H = 2400–2500 m / 32°27'55.4"N, 50°06'30.0"E / 27.V.2024 / leg. F. Eshraghi Mofrad // Holotype / *Calyptopsis muilwijki* / Eshraghi Mofrad & Nabozhenko, 2025".

Paratype (1 ♀): "IRAN: Chaharmahal and Bakhtiari Prov. / Zagros Mts, Chelgerd, Shykh Ali Khan env. / H = 2400–2500 m / 32°27'55.4"N, 50°06'30.0"E / 27.V.2024 / leg. F. Eshraghi Mofrad // Paratype / *Calyptopsis muilwijki* / Eshraghi Mofrad & Nabozhenko, 2025".

Current status. Valid species.

Calyptopsis seyedabadii Eshraghi Mofrad & Nabozhenko, 2025

Calyptopsis seyedabadii Eshraghi Mofrad & Nabozhenko 2025:9.

Holotype (♂): "IRAN: Khorasan Razavi Prov. / county Khoshab, Seyedabad village / Govin Mt. H = 1200–1300 m / 36°22'52.2"N, 58°07'469"E / 28.III.2024 / leg. Kian Seyedabadi // Holotype / *Calyptopsis seyedabadii* / Eshraghi Mofrad & Nabozhenko, 2025".

Paratype (1 ♀): "IRAN: Khorasan Razavi Prov. / county Khoshab, Seyedabad village / Govin Mt. H = 1200–1300 m / 36°22'52.2"N, 58°07'469"E / 28.III.2024 / leg. Kian Seyedabadi // Paratype / *Calyptopsis seyedabadii* / Eshraghi Mofrad & Nabozhenko, 2025".

Current status. Valid species.

Subfamily Tenebrioninae Latreille, 1802

Subtribe Helopina Latreille, 1802

Euboeus kandovanensis Eshraghi Mofrad, 2023

Euboeus (Pelorinus) kandovanensis Eshraghi Mofrad 2023:297.

Holotype (♂): "IRAN: Alborz Prov. / Central Alborz Mts. / Gachsar env (Kandovan tunnel) / H=2900–3000 m / 36°09'06.4"N, 51°18'45.3"E / 17.VI.2023 / leg. F. Eshraghi Mofrad // Holotype / *Euboeus kandovanensis* / Eshraghi Mofrad, 2023".

Paratype (1 ♀): "IRAN: Alborz Prov. / Central Alborz Mts. / Gachsar env (Kandovan tunnel) / H=2900–3000 m / 36°09'06.4"N, 51°18'45.3"E / 17.VI.2023 / leg. F. Eshraghi Mofrad // Paratype / *Euboeus kandovanensis* / Eshraghi Mofrad, 2023".

Current status. Valid species.

Tribe Opatrini Brullé, 1832

Subtribe Opatrina Brullé, 1832

Penthicus achaemenus Nabozhenko & Eshraghi Mofrad, 2025

Penthicus achaemenus Nabozhenko & Eshraghi Mofrad 2025:41.

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan prov.] Kouschek (Taft.) [western slope of Taftan volcano, near 2300 m] / 20.4.1971 / [leg.] Radjabi // Holotype / *Penthicus achaemenus* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

Penthicus flatilatus Nabozhenko & Eshraghi Mofrad, 2025

Penthicus flatilatus Nabozhenko & Eshraghi Mofrad 2025:47.

Paratype (1 ♂): "Iran, Alborz Prov. / Gajereh, 3000 m / 5.viii.1972 / leg. G. Ledoux // Paratype / *Penthicus flatilatus* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (6 exx.): "[IRAN, Mazandaran Prov. / Marzanabad city] Chalous / 23.v.1965 / leg. Saf[avi] // Paratype / *Penthicus flatilatus* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (5 exx.): "IRAN: Alborz Prov. / Central Alborz Mts. / Gachsar env. (Kandovan tunnel) / H=2800–2900 m / 36°09'06.4"N, 51°18'45.3"E / 17.vi.2023 / leg. F. Eshraghi Mofrad // Paratype / *Penthicus flatilatus* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

Penthicus germanni Nabozhenko & Eshraghi Mofrad, 2025

Penthicus germanni Nabozhenko & Eshraghi Mofrad 2025:16.

Holotype (♂): "IRAN: Khuzestan Prov. / Shushtar city / Kushkak Ridge, H=100 m / 32°4'52.97"N, 48°50'18.438"E / 28.viii.2023 / leg. F. Eshraghi Mofrad // Holotype / *Penthicus germanni* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (6 ♂♂ 10 ♀♀): "IRAN: Khuzestan Prov. / Shushtar city / Kushkak Ridge, H=100 m / 32°4'52.97"N, 48°50'18.438"E / 28.viii.2023 / leg. F. Eshraghi Mofrad // Paratype / *Penthicus germanni* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (5 exx.): "IRAN, Khuzestan Prov. / Zagros Mts., Gotvand city / Kiars Ridge, H=270 m / 32°22'7.869"N, 48°56'22.586"E / 23.vi.2023 / leg. F. Eshraghi Mofrad // Paratype / *Penthicus germanni* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (7 exx.): "IRAN: Khuzestan prov. / Zagros Mts., Masjed Soleyman city / Moradabad village, H=300–350 m / 32°3'16.377"N, 49°15'20.038"E / 10.iii.2024 / leg. F. Eshraghi Mofrad // Paratype / *Penthicus germanni* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (8 exx.): "IRAN: Khuzestan Prov. / Zagros Mts., Saland city / Abolhasan village, H=800–900 m / 32°35'55.967"N, 48°50'20.671"E / 31.iii.2024 / leg. F. Eshraghi Mofrad // Paratype / *Penthicus germanni* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (7 exx.): "IRAN: Khuzestan prov. / Dezful city, Shevi waterfall Rd. / H=1300–1400 m / 32°43'37.786"N, 48°53'35.072"E / 25.iv.2024 / leg. F. Eshraghi Mofrad // Paratype / *Penthicus germanni* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

Penthicus iranensis Nabozhenko & Eshraghi Mofrad, 2025

Penthicus iranensis Nabozhenko & Eshraghi Mofrad 2025:70.

Paratype (1 ♀): "Iran, Fars Prov. / Babamonir city, Mahur village env. / 700–900 m. / 30°00'58.0104"N, 50°58'47.0964"E / 5.iv.2024 / leg. A. Dehghani // Paratype / *Penthicus iranensis* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

***Penthicus kermanicus* Nabozhenko & Eshraghi Mofrad, 2025**

Penthicus kermanicus Nabozhenko & Eshraghi Mofrad 2025:73.

Paratypes (7 exx.): "Iran, Kerman Prov. / Bardsir, Khanehsorkh / 8–12.ix.1973 / leg. Yozdanqan // Paratype / *Penthicus kermanicus* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

***Penthicus khorasanicus* Nabozhenko & Eshraghi Mofrad, 2025**

Penthicus khorasanicus Nabozhenko & Eshraghi Mofrad 2025:76.

Holotype (♂): "Iran, Khorasan Razavi Prov. / county Khoshab, Seyedabad village. / H=1100–1200 m / 36°22'52.2"N, 58°07'46.9"E / 28.iii.2024 / leg. K. Seyedabadi // Holotype / *Penthicus khorasanicus* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (1 ♂ 2 ♀♀): "Iran, Khorasan Razavi Prov. / county Khoshab, Seyedabad village. / H=1100–1200 m / 36°22'52.2"N, 58°07'46.9"E / 28.iii.2024 / leg. K. Seyedabadi // Paratype / *Penthicus khorasanicus* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

***Penthicus pazukii* Nabozhenko & Eshraghi Mofrad, 2025**

Penthicus pazukii Nabozhenko & Eshraghi Mofrad 2025:79.

Holotype (♂): "[Iran, Kerman Prov.] Baft, N. Shah [= Lalehzar] Mt. / H=3200–4170 m / 27–29.v.1977 / [leg.] Paz[uki] // Holotype / *Penthicus pazukii* / Nabozhenko & Eshraghi Mofrad, 2025".

Paratypes (4 ♀♀): "[Iran, Kerman Prov.] Baft, N. Shah [= Lalehzar] Mt. / H=3200–4170 m / 27–29.v.1977 / [leg.] Paz[uki] // Paratype / *Penthicus pazukii* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

***Penthicus zarudnyi* Nabozhenko & Eshraghi Mofrad, 2025**

Penthicus zarudnyi Nabozhenko & Eshraghi Mofrad 2025:87.

Paratypes (2 exx.): "[Iran, Khorasan Razavi Prov.] Neishabur, Soghand village / H = 1630 m / 13–14.6.1977 / [leg.] Paz[uki], Abai // Paratype / *Penthicus zarudnyi* / Nabozhenko & Eshraghi Mofrad, 2025".

Current status. Valid species.

Tribe Pedinini Eschscholtz, 1829**Subtribe Dendarina Seidlitz, 1889*****Dendarus nabozhenkoi* Eshraghi Mofrad, 2024**

Dendarus (*Pandarinus*) *nabozhenkoi* Eshraghi Mofrad 2024:196.

Holotype (♂): "IRAN: Chaharmahal and Bakhtiari Prov. / Zagros Mts., Bazoft env. / (Chari pass), H=2700–2800m / 32°09'54.9"N, 50°10'37.8"E / 17.VIII.2023 / leg. F. Eshraghi Mofrad // Holotype / *Dendarus nabozhenkoi* / Eshraghi Mofrad, 2024".

Paratypes (3 ♀♀): "IRAN: Chaharmahal and Bakhtiari Prov. / Zagros Mts., Bazoft env. / (Chari pass), H=2700–2800m / 32°09'54.9"N, 50°10'37.8"E / 17.VIII.2023 / leg. F. Eshraghi Mofrad // Paratype / *Dendarus nabozhenkoi* / Eshraghi Mofrad, 2024".

Current status. Valid species.

Family Oedemeridae Latreille, 1810**Subfamily Oedemerinae Latreille, 1810****Tribe Asclerini Semenov, 1894*****Alloxanthina flava* Švihla, 1983**

Alloxanthina flava Švihla 1983:117.

Paratypes (1 ♂ 1 ♀): "[IRAN: Sistan & Baluchestan province] SE Iran, 13 km / SSE Nikshahr (riv.) / 8–9.4.1973 // Loc no. 152 Exp. Nat. Mus. / Praha // Paratypus // *Alloxanthina flava* / Švihla".

Current status. Valid species, current combination: *Alloxantha flava* (Švihla, 1983).

Ananconiomorpha platytarsia* Švihla, 1983Ananconiomorpha platytarsia* Švihla 1983:120.Paratypes (1 ♂ 1 ♀): "[IRAN: Hormozgan province] S. Iran Derpehen / 12 km E Senderk / 11–12.5.1977 // Loc. no. 326. / Exp. Nat. Mus. / Praha // Paratypus // *Ananconiomorpha platytarsia* Švihla".**Current status.** Valid species, current combination: *Alloxantha platytarsia* (Švihla, 1983).***Anisochroa semenovi* Švihla, 1983***Anisochroa semenovi* Švihla 1983:111.Paratype (1 ex.): "[IRAN: Sistan & Baluchestan province] E. Iran, / Kahurak / 23–24.4.1973 / Loc no. 176 / Exp. Nat. Mus. / Praha // PARATYPUS / *Anisochroa semenovi* sp. n. / det. VI. Švihla, 1980".**Current status.** Valid species.***Anisochrodes jelineki* Švihla, 1983***Anisochrodes jelineki* Švihla 1983:110.Paratype (1 ♂): "[IRAN: Kerman province] S. Iran Chan-e Barqeh / 35 km S. Kahnuj / 15–16.5.1977 / 650 m. // Loc. no. 232 Exp. Nat. Mus. / Praha // PARATYPUS / *Anisochrodes jelineki* sp. n. / det. VI. Švihla, 1980".**Current status.** Valid species.***Colobostomoides longepubens* Švihla, 1983***Colobostomoides longepubens* Švihla 1983:115.Paratype (1 ♂): "[IRAN: Sistan & Baluchestan province] S Iran, Ziarat /23 km NWN Bilal 14–15.5.1977 // Loc. no. 230 / Exp. Nat. Mus. / Praha // PARATYPUS: *Colobostomoides longepubens* / sp. n. / det. VI. Švihla, 1980".**Current status.** Valid species.**Family Meloidae Gyllenhal, 1810****Subfamily Meloinae Gyllenhal, 1810****Tribe Cerocomini Leach, 1815*****Cerocoma latreillei schah* Kaszab, 1968***Cerocoma latreillei schah* Kaszab 1968:751.Paratype (1 ♂): "[IRAN: Fars province] Firouzabad / 11.IV.53 / [leg.] Kachkouli // 338 // Paratypus 1967 ♂ / *Cerocoma latreillei schah* / Kaszab".**Current status.** Synonym of *Cerocoma latreillei sterbai* Mařan, 1944.**Tribe Lyttini Solier, 1851*****Lydus tenuitarsis davatchii* Kaszab, 1968***Lydus tenuitarsis davatchii* Kaszab 1968:754.Paratype (1 ♀): "[IRAN: Kermanshah province] Ghasr Chirin / Pole- Zahab / [leg.] Ghar[ib] // 346 // Paratypus 1967 / *Lydus tenuitarsis davatchii* Kaszab".Paratype (1 ex.): "[IRAN: Kermanshah province] Naft chah / 25.IV.50 / [leg.] Farahbakhch // 346 // Paratypus 1967 / *Lydus tenuitarsis davatchii* Kaszab".**Current status.** Synonym of *Lydus tenuitarsis* Abeille de Perrin, 1880 (Bologna 2008).***Teratolytta capillata* Serri & Bologna, 2018***Teratolytta capillata* Serri & Bologna 2018:146.Holotype (♂): "[IRAN] Fars [province]: KAZERUN / Gavkoshak / 31.1.1976 / L.T [leg.] (Abai) // Holotypus ♂ / *Teratolytta capillata* Serri & Bologna".

Paratype (1 ♂): "[IRAN] Fars [province]: KAZERUN / Gavkoshak / 5-21.1.1976 / L.T [leg.] Abai // Paratype ♂ / *Teratolytta* / *capillata* / Serri & Bologna, 2018".

Current status. Valid species.

Tribe Mylabrini Laporte, 1840

Calydus allousei ab. *bimaculicollis* Kaszab, 1968

Calydus allousei ab. *bimaculicollis* Kaszab 1968:769.

Paratype (1 ♀): "[IRAN: Hormozgan province] Bandar- Abbas/ 10.4.50 / [leg.] Fasihi // 500 // Paratypus 1967 / ab. *bimaculicollis* / Kaszab".

Current status. Unavailable name. The species belongs to the subgenus *Calydabris* Kaszab, 1960, genus *Mylabris* Fabricius, 1775. The molecular study of the genus *Mylabris* Fabricius, 1775 indicated a well-supported monophyletic clade of the subgenus *Calydabris* with two species, *M. allousei* and *M. mirzayani* (Salvi et al. 2019).

Calydus mirzayani Kaszab, 1968

Calydus mirzayani Kaszab 1968:769.

Paratypes (1 ♂ 1 ♀): "[IRAN: Sistan & Baluchestan province] Saravan, Bamposht / 23.IV.1950 / [leg.] Sal[avati]an // 31 // *Calydus mirzayani* Kaszab, 1966 [no type label, mentioned in the paper]".

Paratypes (2 ♂♂ 1 ♀): "[IRAN: Sistan & Baluchestan province] Iranshahr / Damen / 11.IV.50 / [leg.] Sark[issian] // 33 // 15 [no type label, mentioned in the paper]".

Current status. Valid species, current combination: *Mylabris mirzayani* (Kaszab, 1968).

Croscherichia salavatiani Kaszab, 1968

Croscherichia salavatiani Kaszab 1968:756.

Paratype (1 ♀): "[IRAN: Hormozgan province] Minab / 6.IV.51 / [leg.] Sarkissian // 26 // *Croscherichia* / *salavatiani* sp. n. / Dr. Z. Kaszab, 1966 [no type label, mentioned in the paper]".

Paratypes (1 ♂ 1 ♀): "[IRAN: Hormozgan province] Langeh / 25.4.50 [leg.] Fasihi // 19 [no type label, mentioned in the paper]".

Current status. Valid species.

Decapotoma esfandarii Kaszab, 1969

Decapotoma esfandarii Kaszab 1969:279.

Paratype (1 ♀): "[IRAN: Kohgiluyeh & Boyerahmad province] Dogonbadan / 11.5.1968 / [leg.] Zairi & Ayat. // 777 // *Decapotoma* / *esfandarii* Kasz. // Det. Mirzayans, / 1969 // *Hycleus* / *esfandarii* (Kaszab) / M. Bologna det. 2004 [no type label, mentioned in the paper]".

Current status. Valid species, current combination: *Hycleus esfandarii* (Kaszab, 1969).

Hycleus hayki Serri & Bologna, 2020

Hycleus hayki Serri & Bologna [in Serri et al.] 2020:20

Holotype (♂): "[IRAN: Kohgiluyeh & Boyerahmad province] Dogonbadan / 15.V.68 / [leg.] Zairi, Ayat // Holotype".

Paratypes (4 ♂♂ 2 ♀♀): "[IRAN: Kohgiluyeh & Boyerahmad province] Dogonbadan / 15.V.68 / [leg.] Zairi, Ayat // Paratype".

Paratypes (3 ♂♂ 1 ♀♀): "[IRAN: Kohgiluyeh & Boyerahmad province] Dogonbadan / 11.V.68 / [leg.] Ayat, Zairi // Paratype".

Paratypes (3 ♂♂ 2 ♀♀): "[IRAN: Kohgiluyeh & Boyerahmad province] Dogonbadan / 9.V.67 / [leg.] Ayat, Zairi // Paratype".

Paratype (1 ♂): "[IRAN: Kohgiluyeh & Boyerahmad province] Behbahan / 1.V.69 / [leg.] Zairi, Ayat // Paratype".

Paratype (1 ♂): "[IRAN: Kohgiluyeh & Boyerahmad province] Behbahan / 3.VI.69 / [leg.] Zairi, Ayat // Paratype".

Current status. Valid species.

***Hycleus pirata* Bologna & Turco, 2007**

Hycleus pirata Bologna & Turco 2007:16.

Paratypes (1 ♂ 1 ♀): "[United Arab Emirates] EA 10- UAE Abu Dhabi, Al Ain, 3–4 km E / Al Selimat on road Al-Ain- Abu Dhabi / 24.19263 N 55.55861 E – M. Bologna & F. Turco // PARATYPUS / *Hycleus* / *pirata* n. sp. / M. Bologna det. 2005 / & Turco".

Current status. Valid species.

***Mylabris apiceguttata* Pan & Bologna, 2014**

Mylabris (*Mylabris*) *apiceguttata* Pan & Bologna 2014:18.

Holotype (♂): "[IRAN: South Khorasan province] Birjand / 21.4.65. [leg.] Safavi // HOLOYPUS ♂ / *Mylabris* (*Myl.*) / *apiceguttata* n. sp. / Z. Pan & / M. Bologna det. 2013".

Paratypes (2 ♂♂): "[IRAN: South Khorasan province] Birjand / 21.4.65. [leg.] Safavi // PARATYPUS ♂ / *Mylabris* (*Myl.*) / *apiceguttata* n. sp. / Z. Pan & / M. Bologna det. 2013".

Paratypes (2 ♂♂): "[IRAN: South Khorasan province] Birjand / 17.V.49. [leg.] Mirsalavatian / 123 / *Mylabris* sp. aff. *guerini* Chevr. / Dr. Z. Kaszab det., 1966 // PARATYPUS ♂ / *Mylabris* (*Myl.*) / *apiceguttata* n. sp. / Z. Pan & / M. Bologna det. 2013".

Current status. Valid species.

***Mylabris barezensis* Serri, Pan & Bologna, 2012**

Mylabris (*Mylabris*) *barezensis* Serri, Pan & Bologna 2012:82.

Holotype (♂): "[IRAN: Kerman province] Dehbakri / 6.5.69 / [leg.] Pazuki & Haschemi // Holotypus ♂ *Mylabris* (*Myl.*) *barezensis* / Serri, Pan, Bologna, 2012".

Paratypes (1 ♂ 2 ♀♀): "[IRAN: Kerman province] Dehbakri / 6.5.69 / [leg.] Pazuki & Haschemi // Paratypus *Mylabris* (*Myl.*) *barezensis* / Serri, Pan, Bologna, 2012".

Current status. Valid species within subgenus *Calydabris* Kaszab, 1960.

***Mylabris laticollis* ab. *davatchii* Kaszab, 1968**

Mylabris (*Ammabris*) *laticollis* ab. *davatchii* Kaszab 1968:762.

Paratype (1 ♂): "[IRAN: Kordestan province] Sanandaj / VI.51 / [leg.] Gharib // 207 // Paratypus 1967 / *Mylabris laticollis* / ab. *davatchii* / Kaszab".

Current status. Unavailable name.

***Mylabris laticollis* ab. *mirzayani* Kaszab, 1968**

Mylabris (*Ammabris*) *laticollis* ab. *mirzayani* Kaszab 1968:762.

Paratype (1 ♂): "[IRAN: Kermanshah province] Kermanschah / 23.V.51 / [leg.] Charif // Paratypus 1967 / *Mylabris laticollis* / ab. *mirzayani* / Kaszab".

Current status. Unavailable name.

***Mylabris pierrei* Kaszab, 1968**

Mylabris pierrei Kaszab 1968:765.

Paratype (1 ♀): "[IRAN: Hormozgan province] Bandar Abbas / III.49 / [leg.] Fassihi // 165 // Paratypus 1967 / *Mylabris pierrei* / Kaszab". [no type label, mentioned in the paper]".

Current status. Valid species, current combination: *Hycleus pierrei* (Kaszab, 1968).

***Mylabris schah* ab. *anticebinota* Kaszab, 1968**

Mylabris schah ab. *anticebinota* Kaszab 1968:764.

Paratype (1 ♂): "[IRAN: Kerman province] Bard-sir / 10.6.52 / [leg.] Famuri // 313 // Paratypus 1967 / *Mylabris schah* / ab. *anticebinota* / Kaszab".

Current status. Unavailable name.

***Mylabris schah ab. morose* (Kaszab, 1968)**

Mylabris schah ab. morose Kaszab 1968:763.

Paratype (1 ♀): "[IRAN: Kerman province] Bard-sir / 10.6.52 / [leg.] Famuri // 311 // Paratypus 1967 / *Mylabris schah* / *ab. morosa* / Kaszab".

Current status. Unavailable name.

Superfamily Chrysomeloidea Latreille, 1802**Family Cerambycidae Latreille, 1802****Subfamily Lamiinae Latreille, 1825****Tribe Phytoeciini Mulsant, 1839*****Semiangusta rebecca* Sama & Rejzek, 2002**

Semiangusta rebecca Sama & Rejzek 2002:106.

Paratypes (2 exx.): Iran, Kordestan 1400 m 13 km Sud Saqqez / G. Sama leg 13.V.2002 // Paratypus *Semiangusta rebecca* n. sp. G. Sama & M. Rejzek, 2002".

Current status. Valid species.

Subfamily Cerambycinae Latreille, 1802**Tribe Clytini Mulsant, 1839*****Xylotrechus ilamensis campadellii* Sama & Rapuzzi, 2003**

Xylotrechus ilamensis campadellii Sama & Rapuzzi 2003:92.

Paratype (1 ex.): "Iran- Azarbaijan e Garbi 37 km W Mahabad 1900m / 14.V.2002 leg.G. Sama // Ex Larva *Astragalus* sp / sf. 25.VI.2002 // Paratypus *Xylotrechus ilamensis* ssp. *campadellii* / G. Sama & P. Rapuzzi, 2003".

Paratype (1 ex.): "Iran- Azarbaijan e Garbi 37 km W Mahabad 1900m / 14.V.2002 leg.G. Sama // Ex Larva / *Astragalus* sp / sf. 1/6.VII.2002 // Paratypus *Xylotrechus ilamensis* ssp. *campadellii* / G. Sama & P. Rapuzzi, 2003".

Current status. Valid subspecies, current combination: *Turanoclytus ilamensis campadellii* (Sama & Rapuzzi, 2003).

Subfamily Cerambycinae Latreille, 1802**Tribe Hesperophanini Mulsant, 1839****Subtribe Hesperophanina Mulsant, 1839*****Trichoferus fissitarsis* Sama, Rapuzzi & Fallahzadeh, 2005**

Trichoferus fissitarsis Sama, Rapuzzi & Fallahzadeh 2005:125.

Paratype (1 ♂): "[IRAN: Fars province] Schiraz / 12.VIII.49 [leg.] Mirz[ayans] // *Trichoferus* / *preissi* Heyd. / A. Villiers det. 1966 // Paratypus / *Trichoferus fissitarsis* n. sp. / G. Sama, P. Rapuzzi & / M. Fallahzadeh det. 2005".

Paratype (1 ♀): "[IRAN: Fars province] Firouzabad / 29.V.51 [leg.] Mirz[ayans] / PARATYPUS / *Trichoferus fissitarsis* n. sp. / G. Sama, P. Rapuzzi & M. Fallahzadeh det. 2005".

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan province] Bampur / 6.V.1950 / [leg.] Sark[jissian] / *Trichoferus preissi* // PARATYPUS *Trichoferus fissitarsis* n. sp. / G. Sama, P. Rapuzzi & / M. Fallahzadeh det. 2005".

Current status. Valid species.

Tribe Nathriini Arnett, 1962***Iranobrium davatchii* Villiers, 1967**

Iranobrium davatchii Villiers 1967:338.

Paratypes (2 exx. [one without abdomen]): "[IRAN: Hormozagan province] Bandar Abbas / Rezvan 23.IV.49 / [leg.] Esf[andiani] // PARATYPE // *Iranobrium* / *davatchii* / n. gn n. sp. / A. Villiers det. 1966".

Current status. Valid species.

Subfamily Apatophyseinae Lacordaire, 1869**Tribe Apatophyseini Lacordaire, 1869*****Apatophysis farsicola* Sama, Fallahzadeh & Rapuzzi, 2005**

Apatophysis farsicola Sama, Fallahzadeh & Rapuzzi 2005:124.

Paratype (1 ♀): "[IRAN: Esfahan province] Kashan - Abyaneh / 16–17.6.1984 2300 m / [leg.] Paz[uki] [&] Hasch[emi] // PARATYPUS / *Apatophysis farsicola* n. sp. / G. Sama, P. Rapuzzi & / M. Fallahzadeh 2005".

Paratype (1 ♀): "[IRAN: Fars province] Dehbid, 2150 m. / 19.6.1986 / [leg.] Mirz[ayans] [&] Hasch[emi] // PARATYPUS / *Apatophysis farsicola* n. sp. / G. Sama, P. Rapuzzi & / M. Fallahzadeh 2005".

Paratype (1 ♂): "[IRAN: Esfahan province] Esfahan- Natanz, / Abjaneh, 2150 m. / 6.6.1988 [leg.] Hasch[emi] [&] Badii // PARATYPUS / *Apatophysis farsicola* n. sp. / G. Sama, P. Rapuzzi & / M. Fallahzadeh 2005".

Paratype (1 ♀): "[IRAN: Ghom province] Ghom 8 km S. / Fardu; Wesb / 2320 m, 26–28.7.1983 / [leg.] Pazuki & Hashemi // PARATYPUS / *Apatophysis farsicola* n. sp. / G. Sama, P. Rapuzzi & / M. Fallahzadeh 2005".

Current status. Valid species.

Family Chrysomelidae Latreille, 1802**Subfamily Chrysomelinae Latreille, 1802****Tribe Doryphorini Motschulsky, 1860****Subtribe Chrysolina Chen, 1936*****Crosita grata nigrolucens* Lopatin, 1985**

Crosita (*Bittotaenia*) *grata nigrolucens* Lopatin, 1985:770.

Paratypes (1 ♂ 2 ♀♀): "[IRAN: Kerman province] C. Iran, 3200–3800m. / Kuh-e Lalehzar N slope / 24–30.5.1977 // Loc. no. 348 / Exped. Nat. Mus. / Praha // Paratypus // *Cros. grata / nigrolucens* sp. n. / det. I. Lopatin, 1983".

Current status. Valid subspecies, current combination: *Chrysolina grata nigrolucens* (Lopatin, 1985).

Subfamily Galerucinae Latreille, 1802**Supertribe Galerucitae Latreille, 1802****Tribe Galerucini Latreille, 1802*****Farsogaleruca rufina* Lopatin, 1981**

Farsogaleruca rufina Lopatin 1981:626.

Paratypes (1 ♂ 1 ♀): "[IRAN: Fars province] S. Iran / Maharlu / 5–6.6.1973 // Loc. no. 227 / Exped. Nat. Mus. / Praha // Paratypus // *Farsogaleruca / rufina* sp. n. / det. I. Lopatin, 1981".

Current status. Valid species, current combination: *Radymna rufina* (Lopatin, 1981).

Tribe Luperini Gistel, 1848**Subtribe Luperina Gistel, 1848*****Calomicrus wilcoxi* Lopatin, 1984**

Calomicrus wilcoxi Lopatin, 1984:90.

Paratypes (2 ♂♂ 3 ♀♀): "[IRAN: Fars province] S Iran, 30 km / E Kazerun, 1300 m / 8–10.6.1973/ Loc. no. 229 / Exped. Nat. Mus. / Praha // Paratypus // *Calomicrus / wilcoxi* sp. n. / det. I. Lopatin, 1984".

Current status. Valid species.

Supertribe Alticitae Newman, 1835***Phyllotreta muehlei* Doeberl, 2010**

Phyllotreta muehlei Doeberl 2010:50.

Paratypes (2 ♀♀): "Iran Khorasan, Birjand / 10 km S Mud, Kahi / 26.V.2008 2400–2500m / leg. Muhle // *Phyllotreta* / *muehlei* Doeberl / det Doberl 2009 // PARATYPUS".

Current status. Valid species.

Subfamily Cryptocephalinae Gyllenhal, 1813

Tribe Clytrini Kirby, 1837

Subtribe Acolastina Schöller, 2024

Thelyterotarsus glabratus Lopatin, 1985

Thelyterotarsus glabratus Lopatin 1985:765.

Paratypes (1 ♂ 2 ♀♀): "[IRAN Kohgiluyeh & Boyerahmad province] SW Iran, Zagros Mts. / Sisakht, 2400 m / 13–15.6.1973 // Loc. no. 240 / Exp. Nat. Mus. / Praha // Paratypus // *Thelyterotarsus* / *glabratus* sp. n. / det. I. Lopatin, 1983".

Current status. Valid species, current combination: *Acolastus glabratus* (Lopatin, 1985).

Thelyterotarsus rufus Lopatin, 1980

Thelyterotarsus rufus Lopatin 1980:621.

Paratypes (1 ♂ 1 ♀): "[IRAN: Fars province] S Iran, 30 km / E Kazerun, 1300 m. 8–10.6.1973 // Loc. no. 229 / Exp. Nat. Mus. / Praha // Paratypus // *Thelyterotarsus* / *rufus* sp. n. / det. I. Lopatin, 1978".

Current status. Valid species, current combination: *Acolastus rufus* (Lopatin, 1980).

Thelyterotarsus x-signatus Lopatin, 1985

Thelyterotarsus x-signatus Lopatin 1985:768.

Paratypes (1 ♂ 1 ♀): "[IRAN Kohgiluyeh & Boyerahmad province] SW Iran, Zagros Mts. / Sisakht, 2400 m / 13–15.6.1973 / Loc. no. 240 / Exp. Nat. Mus. / Praha // Paratypus // *Thelyterotarsus* / *x-signatus* sp. n. / det. I. Lopatin, 1989".

Current status. Valid species, current combination: *Acolastus x-signatus* (Lopatin, 1985).

Subtribe Clytrina Kirby, 1837

Antipa mirzayani Lopatin, 1985

Antipa mirzayani Lopatin 1985:763.

Holotype: "[IRAN: Fars province] Firouzabad / 14.IV.51 / [leg.] Mirz[ayans] // 51 // Holotype // *Antipa* / *mirzayani* sp. n. / det. I. Lopatin, 1984".

Current status. Valid species, current combination: *Tituboea mirzayani* (Lopatin, 1985).

Tribe Cryptocephalini Gyllenhal, 1813

Subtribe Cryptocephalina Gyllenhal, 1813

Cryptocephalus sarbazicus Lopatin, 1980

Cryptocephalus sarbazicus Lopatin 1980:615.

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan province] SE Iran, Rask / vall. R. Sarbaz / 3–4.4.1973 // Loc. no. 146 / Exp. Nat. Mus. / Praha // Paratypus // *Cryptocephalus* / *sarbazicus* sp. n. / det. I. Lopatin".

Current status. Valid species.

Cryptocephalus undulatus meridiopersicus Lopatin, *nomen nudum*

Cryptocephalus undulatus meridiopersicus Lopatin. *Nomen nudum*.

Paratypes (1 ♂ 3 ♀♀): "[IRAN: Sistan & Baluchestan province] SE Iran, Rask / vall r. Sarbaz / 3–4.4.1973 // Loc. no. 146 Exp. Nat. Mus. / Praha // Paratypus // *C. undulatus* / *meridiopersicus* / det. I. Lopatin".

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan province] S. Iran / Bilai / 23–24.5.1973 // Loc. no. 209 / Exp. Nat. Mus. / Praha // Paratypus // *C. undulatus* / *meridiopersicus* / det. I. Lopatin".

Paratype (1 ♂): "[IRAN: Hormozgan province] Hassan Langi [62 km E Bandar Abbas], 24–25.5.1973 // Loc. no. 211 / Exp. Nat. Mus. / Praha // Paratypus // *Cr. undulatus* / *meridiopersicus* / det. I. Lopatin".

Current status. Unavailable name. This is considered *nomen nudum* (Schöller & Nasserzadeh 2010). Based on the location, these specimens are *Cryptocephalus* (*Cryptocephalus*) *fasciatointerruptus* Berti & Rapilly, 1979.

***Cryptocephalus vitellinus* Lopatin, 1980**

Cryptocephalus vitellinus Lopatin 1980:615.

Paratypes (2 ♂♂ 2 ♀♀): "[IRAN: Sistan & Baluchestan province] SE Iran, 25 km / W Ghasre-ghand / 9–10.4.1973 // Loc. no. 153 / Exp. Nat. Mus. / Praha // Paratypus // *Cryptocephalus* / *vitellinus* sp. n. det. I. Lopatin".

Current status. Valid species.

Subfamily Cryptocephalinae Gyllenhal, 1813

Tribe Cryptocephalini Gyllenhal, 1813

Subtribe Pachybrachina Chapuis, 1874

***Pachybrachis rapillyi* Lopatin, 1984**

Pachybrachis rapillyi Lopatin 1984:79.

Paratypes (1 ♂ 2 ♀♀): "[IRAN: Kohgiluyeh & Boyerahmad province] S. Iran, 29 km / E Yasuj, 2800 / 16–17.6.1973 / Loc. no. 245 / Exp. Nat. Mus. / Praha // Paratypus // *Pachybrachis* / *rapillyi* sp. n. / det. I. Lopatin, 1982".

Current status. Valid species.

Subfamily Eumolpinae Hope, 1840

Tribe Bromiini Chapuis, 1874

***Macrocoma robusta* Lopatin, 1984**

Macrocoma robusta Lopatin 1984:89.

Paratype (1 ex.): "[IRAN: Sistan & Baluchestan province] SE Iran Env. Sarbaz / vall. R. Sarbaz / 1–2.4.1973 // Loc. no. 145 / Exped. Nat. Mus. / Praha // Paratypus // *Macrocoma* / *robusta* sp. n. / det. I. Lopatin, 1982".

Paratype (1 ex.): "[IRAN: Sistan & Baluchestan province] SE Iran 13 km / SSN Nikshahr (riv.) / 8–9.4.1973 // Loc. no. 152 / Exped. Nat. Mus. / Praha // Paratypus // *Macrocoma* / *robusta* sp. n. / det. I. Lopatin, 1982".

Paratypes (2 exx.): "[IRAN: Sistan & Baluchestan province] SE Iran 25 km / W Ghasre-ghand / 9–10.4.1973 // Loc. no. 153 Exped. Nat. Mus. / Praha // Paratypus // *Macrocoma* / *robusta* sp. n. / det. I. Lopatin, 1982".

Current status. Valid species.

Tribe Nodinini Chen, 1940

***Chloropterus ornatus* Lopatin, 1984**

Chloropterus ornatus Lopatin 1984:86.

Paratypes (2 exx.): "[IRAN: Sistan & Baluchestan province] SE Iran / Bahu- Kalat / 3–4.4.1973 / Loc. no. 147 / Exped. Nat. Mus. / Praha // Paratypus // *Chloropterus* / *ornatus* sp. n. / det. I. Lopatin, 1982".

Current status. Valid species.

Superfamily Curculionoidea Latreille, 1802

Family Curculionidae Latreille, 1802

Subfamily Conoderinae Schoenherr, 1836

Tribe Apostasimerini Schoenherr, 1844

Subtribe Leptoschoinina Lacordaire, 1865

Acythopeus curvirostris persicus Thompson, 1972

Acythopeus curvirostris persicus Thompson 1973:34.

Paratypes (4 ♂♂): "[IRAN: Kerman province] Rafsanjan / 6.10.1968 / [leg.] Samet // Paratype // *Acythopeus / curvirostris / persicus* ssp. n. / det. R. Thompson, 1972 // ♂"

Paratypes (4 ♀♀): "[IRAN: Esfahan province] Esfahan / 3.7.1968 / [leg. Daftari] // Paratype // *Acythopeus / curvirostris / persicus* ssp. n. / det. R. Thompson, 1972 // ♀".

Paratypes (1 ♂ 3 ♀♀): "[IRAN: Fars province] Schiraz- Abargho / 1.8.[19]67 / [leg.] Broom. // Paratype // *Acythopeus / curvirostris / persicus* ssp. n. / det. R. Thompson, 1972".

Paratype (1 ♂): "[IRAN: Fars province] Schiraz / 12.12.1968 / [leg.] Gharib // Paratype // *Acythopeus / curvirostris / persicus* ssp. n. / det. R. Thompson, 1972 // ♂".

Current status. Valid subspecies.

Subfamily Lixinae Schoenherr, 1823

Tribe Cleonmi Schoenherr, 1826

Chromosomus persicus Fremuth, 1987

Chromosomus persicus Fremuth 1987:341.

Paratype (1 ♂): "[IRAN: Sistan & Baluchestan] Karvandar / 22.4.1969 / [leg.] Hasch[emi] [&] Paz[uki] // Paratypus // *Chromosomus / persicus* m. / Fremuth, 1987".

Current status. Valid species.

Subfamily Curculioninae

Tribe Tychiini Gistel, 1848

Sibinia postsignata Voss, 1971

Sibinia postsignata Voss 1971:5.

Paratypes (3 exx.): "[IRAN: Golestan province] Gorgan – Conbad / 6.6.1968 / on Cotton // Paratypus // *Sibinia / postsignata* n. sp. / E. Voss, 1970".

Current status. Synonym of *Sibinia* (*Dichotychius*) *bipunctata* Kirsch 1871.

Family Eirrhinidae Schoenherr, 1825

Subfamily Eirrhininae Schoenherr, 1825

Tribe Eirrhinini Schoenherr, 1825

Tyrodomus patruelis Voss, 1971

Tyrodomus patruelis Voss 1971:4.

Paratypes (2 exx.): "[IRAN: Sistan & Baluchestan province] Zabol / 15.5.1950 / [leg.] Mirz.[ayans] // *Tyrodomus patruelis* n. sp. E. Voss det. 1970".

Current status. Valid species.

DISCUSSION

The Hayk Mirzayans Insect Museum (HMIM) serves as a critical repository, housing a significant collection of type specimens originating from Iran, which highlights its fundamental role in the taxonomic study of the country's entomofauna. In recent years, this institutional role has been formally documented through the publication of type catalogues for other insect orders, notably the list of type material for Lepidoptera (Alipanah 2016) and for Hemiptera: Auchenorrhyncha (Mozaffarian 2017). While the exact number of Coleoptera species described from Iranian localities remains to be systematically cataloged, our very preliminary estimates suggest that more than 800 species have been described from an Iranian locus typicus. This figure is a rough estimate; a precise count requires a comprehensive review of all scattered, original taxonomic records—a complex task that remains beyond

the scope of this study. This estimate should be viewed as a baseline, subject to significant refinement through future revisions and direct verification of primary type material. Ultimately, this figure is provided to highlight the significant role of the Iranian plateau in regional coleopteran biodiversity and underscores the need for a comprehensive national type-species inventory.

Among the species described from Iran (*locus typicus*), the HMIM currently houses either holotypes or paratypes for 150 species, representing about 19% of the total described fauna. This collection continues to grow as modern taxonomic practice increasingly favors the deposition of primary types within national institutions to ensure the preservation of the country's natural heritage. The remaining primary types described from Iran are mainly deposited in major European institutions, a distribution pattern reflecting the historical collaborative nature of early entomological exploration. Notably, a significant collection of Iranian Coleoptera types is housed at the National Museum in Prague (NMPC), largely resulting from extensive joint research expeditions conducted between the Iranian Research Institute of Plant Protection and the museum during the 1970s. Furthermore, significant holdings of Iranian beetle holotypes are preserved in other premier European repositories, particularly the Muséum national d'Histoire naturelle, Paris (MNHN), and the Museum für Naturkunde, Berlin (MfN), which historically served as central hubs for the identification and curation of Middle Eastern fauna.

It is noteworthy that several species discussed in this study, particularly those represented by type specimens of endemic taxa, have not been recollected or formally recorded since their original descriptions. These taxa can be categorized as 'apparently rare' or 'restricted' species. While this lack of recent records might partially stem from insufficient sampling efforts or the phenological traits of the species, it more likely reflects the ongoing and accelerating habitat degradation and fragmentation across various regions of Iran. The conversion of natural landscapes and the loss of specific microhabitats pose a significant threat to these endemic populations. Consequently, these findings underscore the urgent need for systematic monitoring and targeted faunistic surveys to evaluate the current status of these rare species. Such studies will be essential in assessing the extent of environmental impacts and will provide a scientific basis for establishing conservation priorities and protecting these vulnerable habitats.

AUTHOR CONTRIBUTIONS

The authors confirm their contribution to the paper as follows: Sayeh Serri, conceptualization, data curation, investigation, writing original draft, writing, reviewing & editing; Hiva Nasserzadeh, data curation, investigation, writing, reviewing & editing. The authors have read and agreed to the published version of the manuscript.

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AVAILABILITY OF DATA AND MATERIAL

The specimens listed in this study are deposited in the Coleoptera collection of HMIM and are available from the curator upon request.

ETHICS APPROVAL AND CONSENT TO PARTICIPATE

This study only included arthropod material, and all required ethical guidelines for the treatment and use of animals were strictly adhered to in accordance with international, national, and institutional regulations. No human participants were involved in any studies conducted by the authors for this article.

CONSENT FOR PUBLICATION

Not applicable.

CONFLICT OF INTERESTS

The authors declare that there is no conflict of interest regarding the publication of this paper.

GENERATIVE AI STATEMENT

No artificial intelligence tools were used for content generation and interpretation of results.

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میراث علم طبقه‌بندی: کاتالوگ نمونه‌های تیپ Coleoptera در موزه حشرات هایک میرزیانس (HMIM)، ایران

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چکیده: در این مقاله، نخستین فهرست از نمونه‌های مرجع راسته سخت‌بالپوشان (Coleoptera) که در موزه حشرات هایک میرزیانس (HMIM) واقع در موسسه تحقیقات گیاهپزشکی کشور نگهداری می‌شوند، ارائه شده است. کلکسیون سخت‌بال‌پوشان این موزه در مجموع شامل ۷۵۸ نمونه مرجع است که معرف ۱۵۰ گونه و ۲۳ زیرگونه می‌باشد. از این میان، ۹ گونه تنها با هولوتایپ، ۳۰ گونه با ترکیبی از هولوتایپ و پاراتایپ، و ۱۱۱ گونه تنها با پاراتایپ معرفی شده‌اند. همچنین، دو زیرگونه تنها با هولوتایپ، ۱۹ زیرگونه با پاراتایپ، و دو زیرگونه با هر دو نوع نمونه (هولوتایپ و پاراتایپ) قابل شناسایی هستند. در این پژوهش، اطلاعات کامل برای هر نمونه مرجع، شامل داده‌های برچسب اطلاعات، وضعیت فعلی و پیشین گونه، و منابع کتاب‌شناختی، به همراه مروری اجمالی بر تاریخچه کلکسیون سخت‌بالپوشان در موزه هایک میرزیانس ارائه گردیده است.

واژگان کلیدی: آدفاگا، میراث تنوع زیستی، فهرست، مجموعه، هولوتایپ، پاراتایپ، پلی فاگا