**Supplementary files:**

Table 1: Coordination, elevation and date of collecting for each station.

|  |  |  |  |
| --- | --- | --- | --- |
| Station | Coordination | Elevation | Date of collecting |
| Taleghan Dam | N: 27°11΄45.4˝  E: 50°38΄2.5˝ | 1715 m | 30.VIII.2014  10.IV.2015  8.VIII.2015 |
| Gelinak | N: 36°10΄42.6˝  E: 50°51΄12.8˝ | 1315 m | 9.V.2015  31.VIII.2014 |
| Hasanjun | N: 36°12΄8.7  E: 50°45΄32.8˝ | 1889 m | 31.VIII.2014 |
| Jazinan | N: 36°12΄41.2˝  E: 50°47΄1.6˝ | 2023 m | 10.V.2015 |
| Khasban | N: 36°11΄37˝  E: 50°46΄57.7˝ | 1939 m | 10.V.2015 |
| Naviz | N: 36°12΄12.8˝  E: 50°51΄47.9˝ | 2120 m | 9.V.2015  13.VII.2015 |
| Karkabud | N: 36°13΄5.9˝  E: 50°51΄12˝ | 2215 m | 1.IX.2014 |
| Kuein | N: 36°11΄35.9˝  E: 50°52΄5.3˝ | 1930 m | 1.IX.2014 |
| Dizan | N: 36°12΄12.8˝  E: 50°51΄47.9˝ | 2120 m | 11.V.2015 |
| Askan | N: 36°10΄12.3˝  E: 51°01΄30.4˝ | 1841 m | 3.IX.2014 |

Table 2: List of all collected species with additional information. The thick lines separate Family level respectively; Rhynchitidae, Apionidae, Dryophitoridae and Curculionidae.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Species name** | **Subfamily** | **Iran distribution** | **World distribution** | **Examined materials** | **Host plant** |
| *Epirhynchites auratus* (Scopoli, 1763) | Rhynchitinae | Well distributed | W/C Palaearctic | 3♂♂, Gelinak 31.VIII.2014. | Rosaceae |
| *Apion frumentarium* (Linnaeus, 1758) | Apioninae | Well distributed | W/C Palaearctic | 2 ♂♂ Karkabud 1.IX.2014,  1 ♀Gelinak 31.VIII.2014,  1 ♀Hasanjun 31.VIII.2014 | Polygonaceae |
| *Protapion trifolii*   (Linnaeus, 1768) | Apioninae | Well distributed | W/C Palaearctic | 14 ♂♂ 18 ♀♀ Kuein 21.IX.2014,  3 ♀♀ Gelinak 9.V.2015,  12 ♀♀ 8 ♂♂ Jazinan10.V.2015 | Fabaceae |
| *Protapion filirostre*  (Kirby, 1808) | Apioninae | Tehran | W Palaearctic & Russia | 1 ♀ Gelinak 9.V.2015 | Fabaceae |
| *Protapion laevicolle*  (Kirby, 1811) | Apioninae | **New Record** | W Palaearctic | 2 ♀♀1 ♂ Dizan 11.V.2015 | Fabaceae |
| *Protapion varipes*  (Germar, 1817) | Apioninae | NW | W Palaearctic | 2 ♂♂ Askan 3.IX.2014 | Fabaceae |
| *Ceratapion scalptumcaviceps*  (Desbrochers des Loges, 1870) | Apioninae | Well distributed | E Europe & C Palaearctic | 3 ♂♂ 2 ♀♀Taleghan Dam 30.VIII.2014,  5 ♂♂ 2 ♀♀ Gelinak 31.VIII.2014 | Asteraceae |
| *Ceratapion basicorne*  (Illiger, 1807) | Apioninae | E Azarbaijan, Isfahan | W Palaearctic | 2 ♂♂ 4 ♀♀ Gelinak31.VIII.2014 | Asteraceae |
| *Hemitrichapion pavidum*  (Germar, 1817) | Apioninae | **New Record** | W Palaearctic | 6 ♂♂ 2 ♀♀, Gelinak 9.V.2015 | Fabaceae |
| *Hemitrichapion reflexum*  (Germar, 1833) | Apioninae | Ardabil | W Palaearctic | 7 ♂♂ 8 ♀♀ Naviz 13.VII.2015,  3 ♂♂ Taleghan Dam 8.VIII. 2015 | Fabaceae |
| *Holotrichapion pullum*  (Gyllenhal, 1833) | Apioninae | E Azarbaijan, Khorasan | W Palaearctic | 1 ♀ Naviz 9.V.2015,  2 ♂♂ Taleghan Dam 8.VIII. 2015 | Fabaceae |
| *Oxystoma ochropus*  (Germar, 1818) | Apioninae | Azarbaijan, Isfahan | W Palaearctic | 2 ♂♂ Kuein 1.IX.2014,  5 ♂♂ Naviz 13.VII. 2015 | Fabaceae |
| *Pseudoprotapion elegantulum*  (Germar, 1818) | Apioninae | **New Record** | W Palaearctic | 2 ♂♂ Gelinak 31.VIII.2014,  1 ♂ 1 ♀ Taleghan Dam 10.IV. 2015 | Fabaceae |
| *Pseudoprotapion astragali* a*stragali*  (Paykull, 1800) | Apioninae | **New Record** | W/C Palaearctic. | 2 ♀♀ Dizan 11.V.2015 | Fabaceae |
| *Rhopalapion longirostre*  (Olivier, 1807) | Apioninae | Well distributed | Holarctic | 1 ♀ Taleghan Dam 10.IV.2015,  1 ♀ Naviz 13.VII.2015 | Malvaceae |
| *Isochnopterapion loti*  (Kirby, 1808) | Apioninae | E Azarbaijan | W Palaearctic | 2 ♀ Naviz 9.V.2015. | Fabaceae |
| *Squamapion latesquamatum*  Wanat, 1997 | Apioninae | Lorestan, Tehran | Asia Minor | 3 ♀ 1 ♂ Kuein 1.IX.2014 | Unknown |
| *Sphenophorus parumpunctatus*  Gyllenhal, 1838 | Rhynchophorinae | Khuzestan | W Palaearctic | 1 ♂ Taleghan Dam 10.IV.2015,  11 ♂♂ 7 ♀♀ Taleghan Dam 8.VIII.2015 | Fabaceae |
| *Sitona cylindricollis*  Fahraeus, 1840 | Entiminae | Well distributed | Holarctic | 10 ♂♂ 8 ♀♀ Gelinak 8 31.VIII.2014,  3 ♂♂ Dizan 11.V.2015,  4 ♂♂ 6 ♀♀Jazinan 10.V.2015. | Fabaceae |
| *Sitona humeralis*  Stephens, 1831 | Entiminae | Well distributed | Holarctic | 15 ♂♂ 23 ♀♀ Dizan 31.VIII.2014,  11 ♂♂ 12 ♀♀ Naviz 9.V. 2015,  5 ♂♂ Jazinan 10.V.2015 | Fabaceae |
| *Sitona concavirostris* Hochhuth, 1851 | Entiminae | Well distributed | W/C Palaearctic. | 3 ♂♂ 4 ♀♀ Gelinak 31.VIII.2014,  4 ♂♂ 2 ♀♀ Gelinak 9.V.2015,  9 ♂♂ 1♀ Khasban 10.V.2015 | Fabaceae |
| *Sitona longulus*  Gyllenhal, 1834 | Entiminae | Well distributed | W/C Palaearctic. | 6 ♂♂ 10 ♀♀ Gelinak 31.VIII.2014 | Fabaceae |
| *Sitona macularius*  (Marsham, 1802) | Entiminae | Well distributed | W/C Palaearctic. | 5 ♂♂ Kuein 1.IX.2014 | Fabaceae |
| *Araxi amucronata*  Khnzorian, 1957 | Entiminae | Tehran | N Middle East | 5 ♀♀Kuein 1.IX.2014,  3 ♀♀ Khasban 10.V.2015,  8 ♀♀ Naviz 13.VII. 2015 | Unknown |
| *Polydrusus pilifer*  Hochhuth, 1847 | Entiminae | Well distributed | W/C Palaearctic. | 2 ♀♀ Karkabud 1.IX.2014,  21 Askan 1.IX.2014,  15 ♀♀ Khasban 10.V.2015,  7 ♀♀ Naviz 9.V. 2015,  11 ♀♀ Naviz 13.VII. 2015 | Rosaceae |
| *Wittmerrella viridisetosa*  Pesarini, 1973 | Entiminae | Mazandaran | Iran &Turkey | 1 ♀ Askan 1.IX.2014,  4 ♀♀ Naviz 9.V. 2015,  9 ♀♀Gelinak 9.V.2015 | Unknown |
| *Chloebius immeritus*  Boheman, 1834 | Entiminae | Ghazvin, Tehran | Palaearctic | 1 ♀ Hasanjun 31.VIII.2014 | Fabaceae |
| *Pholicodes fausti*  (Reitter, 1890) | Entiminae | Azarbaijan | Middle East | 2 ♀♀ Jazinan 10.V.2015 | Unknown |
| *Strophomorphus porcellus*  (Scjoenherr, 1832) | Entiminae | Tehran | W/C Palaearctic | 2 ♀♀, Askan 3.IX.2014,  1 ♀♀ Gelinak 9.V.2015 | Polyphagous |
| *Hypera postica*  (Gyllenhal, 1813) | Hyperinae | Well distributed | Holarctic | 2♂♂ 4 ♀♀ Askan IX.2014,  4 ♂♂ 6 ♀♀ Naviz 9.V. 2015,  5♂♂ 11 ♀♀ Gelinak 9.V.2015.  8 ♂♂ 8 ♀♀ Jazinan 10.V. 2015,  2 ♀♀ Khasban 10.V.2015,  12 ♂♂17 ♀♀ Dizan 11.V.2015 | Fabaceae |
| *Hypera farinosa*  (Boheman, 1840) | Hyperinae | NW | E Europe & C Palaearctic | 1 ♀ Taleghan Dam 10.IV. 2015 | Fabaceae |
| *Lixus ascanii*  Linnaeus 1767 | Lixinae | Golestan | W Palaearctic | 1 ♀ Hasanjun 31.VIII.2014 | Brassicaceae |
| *Lixus pulverulentus*  Scopoli 1763 | Lixinae | Well distributed | W/C Palaearctic | 1 ♂ Jazinan10.V.2015 | Malvaceae |
| *Lixus recurvus*  Olivier, 1807 | Lixinae | Golestan | Caucasus, Iran, Turkey | 2 ♀♀ Karkabud 1.IX.2014 | Malvaceae |
| *Larinus scolymi*  (Olivier, 1807) | Lixinae | Well distributed | W Palaearctic | 1 ♂ Taleghan Dam 8.VIII.2015 | Asteraceae |
| *Larinus iranicus*  Gültekin and Podlussány, 2012 | Lixinae | NW | Iran | 1 ♂ Gelinak 31.VIII.2014 | Unknown |
| *Bangasternus orientalis*  (Capiomont, 1873) | Lixinae | Well distributed | W Palaearctic | 3 ♂♂ Naviz 9.V. 2015,  5 ♂♂ 2 ♀♀ Dizan 11.V.2015 | Asteraceae |
| *Malvaevora timida*  (Rossi, 1792) | Baridinae | Well distributed | W/C Palaearctic | 1 ♀ Taleghan Dam 10.IV. 2015 | Malvaceae |
| *Cionus olivieri*  Rosenhauer, 1838 | Curculioninae | Well distributed | W/C Palaearctic | 1 ♀ Kuein 1.IX.2014 | Scrophulariaceae |
| *Mecinus labilis*  (Herbst, 1795) | Curculioninae | **New Record** | W Palaearctic` | 1 ♂ Karkabod 1.IX.2014  1 ♂ Dizan 11.V.2015 | Plantaginaceae |
| *Tychius aureolus*  Kiesenwetter, 1851 | Curculioninae | Well distributed | W/C Palaearctic | 2 ♂♂ 6 ♀♀ Dizan 30.VIII.2014,  1 ♂ Naviz 9.V.2015 | Fabaceae |
| *Tychius picirostris*  (Fabricius, 1787) | Curculioninae | Golestan, Lorestan | Holarctic | 2 ♂♂ Naviz 9.V.2015 | Fabaceae |
| *Tychius tridentinus*  Penecke, 1922 | Curculioninae | **New Record** | W/C Palaearctic | 1 ♂ Taleghan Dam 10.VIII.2014 | Fabaceae |
| *Tychius astragali*  Becker, 1862 | Curculioninae | **New Record** | N America, E Europe | 3 ♂ Taleghan Dam 10.IV.2015 | Fabaceae |
| *Tychius trivialis*  Boheman, 1843 | Curculioninae | **New Record** | W Palaearctic | 1 ♂ Naviz 9.V. 2015 | Fabaceae |
| *Tychius callidus*  Caldara, 1990 | Curculioninae | **New Record** | Armenia and Macedonia | 1 ♂ Kuein 1.IX.2014 | Fabaceae |
| *Tychius hiekei*  Caldara, 1990 | Curculioninae | Mazandaran,  Sistan | Armenia and Iran | 2 ♂♂Jazinan 10.V. 2015,  1 ♀ Taleghan Dam 10.IV.2015. | Fabaceae |
| *Ceutorhynchus chalybaeus*  Germar, 1824 | Ceutorhynchinae | Mazandaran | W/C Palaearctic | 2 ♂♂ Khasban 10.V.2015,  12 ♂ Gelinak 9.V.2015. | Brassicaceae |
| *Ceutorhynchus hirtulus*  Germar, 1824 | Ceutorhynchinae | Khorasan | W Palaearctic | 1 ♀♀ Taleghan Dam 10.IV.2015 | Brassicaceae |
| *Ceutorhynchus sulcicollis*  (Paykull, 1800) | Ceutorhynchinae | Mazandaran | W Palaearctic | 2 ♂♂ Gelinak 9.V.2015,  1 ♂ Taleghan Dam 10.IV.2015 | Brassicaceae |
| *Mogulones asperifoliarum*  (Gyllenhal, 1813) | Ceutorhynchinae | **New Record** | W Palaearctic | 1 ♂Gelinak 9.V.2015,  1 ♂ Taleghan Dam 10.IV.2015 | Boraginaceae |

In distribution columns: E=East, W=Western, C=Central and N=North.

Figure1: The locality of Taleghan region in Iran and the localities of each station in Taleghan, 1: Taleghan Dam, 2: Gelinak, 3: Hasanjun, 4: Jazinan, 5: Khasban, 6: Naviz, 7: Karkabud, 8: Kuein, 9: Dizan, 10: Askan.

Figure2: Two selected different habitats in Taleghan. A. Open grasslands in Jazinan, B. River basin of Taleghan Dam.