# Supplementary materials

**Supplementary materials, Table S1.** List of seasonally collected invertebrate classes using a sifting method followed by Berlese funnel extraction.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Scientific name** | **Month** | | | | **Total individuals** |
| Mar | Aug | Oct | Dec |
| Arachnida | 356 | 110 | 181 | 177 | 824 |
| Chilopoda | 70 | 236 | 175 | 39 | 520 |
| Diplopoda | 10 | 81 | 77 | 29 | 197 |
| Malacostraca | 4 | 9 | 111 | 10 | 134 |
| Insecta | 307 | 1326 | 1083 | 1409 | 4125 |
| Total 5 Classes | 747 | 1762 | 1627 | 1664 | 5800 |

**Supplementary material, Table S2.** List of seasonally collected insect orders using a sifting method followed by Berlese funnel extraction.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Scientific name** | **Month** | | | | **Total individuals** |
| Mar | Aug | Oct | Dec |
| Archaeognatha | 0 | 0 | 2 | 0 | 2 |
| Blattodea | 1 | 0 | 0 | 0 | 1 |
| Coleoptera | 68 | 383 | 410 | 561 | 1422 |
| Diptera | 64 | 11 | 33 | 28 | 136 |
| Dermaptera | 0 | 1 | 0 | 0 | 1 |
| Hymenoptera | 26 | 737 | 127 | 40 | 930 |
| Hemiptera | 35 | 87 | 66 | 92 | 280 |
| Orthoptera | 2 | 3 | 3 | 20 | 28 |
| Psocoptera | 1 | 0 | 0 | 0 | 1 |
| Thysanoptera | 6 | 1 | 12 | 45 | 64 |
| Trichoptera | 2 | 0 | 0 | 0 | 2 |
| Unknown larvae | 102 | 103 | 430 | 623 | 1258 |
| Total 11 orders | 307 | 1326 | 1083 | 1409 | 4125 |

**Supplementary material, Table S3.** List of adult beetles with collection-site information.

|  |  |
| --- | --- |
| **Species** | **Information** |
| *Acallinus tuberculatus* Morimoto | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Achenomorphus* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Acicnemis luteomaculata* Morimoto & Miyakawa | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Acrotrichis* lewisi (Matthews) | 37°29'33.7"N 128°34'53.7"E 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Acrotrichis* sp.1 | 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon; 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Agathidium badium* Erichson | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Agathidium merkli* Angelini | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Agathidium* sp.1 | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Agathidium* sp.2 | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Agelasa nigriceps* Motschulsky | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Aleochara* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Aleochara* sp.2 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Aleochara* sp.3 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| Aleocharinae spp. | 37°29'41.5"N 128°34'57.8"E, 429m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Altica* sp.1 | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Ampedus* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Ancylopus pictus asiaticus* Strohecker | 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Aphanocephalus hemisphericus* Wollaston | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Aspidiphorus japonicus* Reitter | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Aspidiphorus sakaii* Sasaji | 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang |
| *Aspidobyctiscus lacunipennis* (Jekel) | 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Astenus* sp.1 | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Atheta* koreana Bernhauer | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Atheta pasniki* Lee & Ahn | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Atheta* sp.1 | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Atheta* sp.2 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Atheta* sp.3 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Atheta spinula* (Sawada) | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Atomaria lewisi* Reitter | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Atomaria* sp.1 | 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon |
| *Baeocera* sp.1 | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Baeocrara* sp.1 | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Batrisodes baejeongdoki* Nomura & Lee | 37°29'43.0"N 128°35'00.0"E, 450m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Bembidion scopulinum* Kirby | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Bembidion* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Bradycellus* sp.1 | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Bryaxis kimjongkuki* Nomura & Lee | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Bryaxis leechanyoungi* Nomura & Lee | 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang; 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Caenoscellis sibirica* Reitter | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Cassida fuscorufa* Motschulsky | 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Cassida* *pallidicollis* Boheman | 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Catabonops monachus* Roelofs | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Catabonops* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Cercyon* sp.1 | 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Cercyon* sp.2 | 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Cercyon* sp.3 | 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Ceutorhynchus sinicus* (Voss) | 37°29'41.5"N 128°34'57.8"E, 429m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Chrysochus chinensis* Baly | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Cis* sp.1 | 37°31'51.8"N 128°35'22.2"E, 624m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Colpodes* sp.1 | 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Corticaria ornata* Reitter | 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang; 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Corticarina lutea* Rücker | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Cryptophagus* sp.1 | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Cryptophagus* sp.2 | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Cyrtepistomus castaneus* (Roelofs) | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Derops coreanus* (Watanabe) | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Dienerella costulata* (Reitter) | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Dryocoetes pini* Niisima | 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Epuraea* *hisamatsui* Nakane | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Epuraea oblonga* (Herbst) | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Euconnus* sp.1 | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Euplectus domefactus* (Kurbatov) | 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang |
| *Gabrius* sp.1 | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Geodromicus* sp.1 | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Homalota sauteri* Bernhauer | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Hydraena riparia* Kugelann | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Ischnosoma* sp.1 | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Larinus* sp.1 | 37°29'42.2"N 128°34'58.9"E, 463m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Lederina* *koreana* Choi, Park, Kim and Park | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Lederina* sp.1 | 37°31'51.8"N 128°35'22.2"E, 624m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| Leiodidae sp.1 | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| Leiodidae sp.2 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Lepidepistomodes fumosus* (Faust) | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Leptacinus* sp.1 | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Leptusa* sp.1 | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Lesteva* sp.1 | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Lewisium japonicum* Matthews | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°29'41.5"N 128°34'57.8"E, 429m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°29'42.2"N 128°34'58.9"E, 463m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°31'51.8"N 128°35'22.2"E, 624m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°35'00.0"E, 450m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang; 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Macratria* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Medon spadiceus* Sharp | 37°31'51.8"N 128°35'22.2"E, 624m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Megarthrus corticalis* Sharp | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Megarthrus japonicus* Sharp | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Megarthrus sawadai* Cuccodoro | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Megarthrus* sp.1 | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang |
| *Megarthrus* sp.2 | 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon |
| *Meligethes flavicollis* Reitter | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Micrambe* sp.1 | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°29'41.5"N 128°34'57.8"E, 429m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Misolampidius tentyrioides* Solsky | 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Mycetina stackelbergi* Kryzhanowskij | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Myosides chejuensis* Morimoto & Lee | 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Nazeris* *rutilicorpus* Cho | 37°31'51.8"N 128°35'22.2"E, 624m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Nebria* sp.1 | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Nitidotachinus* sp.1 | 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon |
| *Nothomyllocerus griseus* (Roelofs) | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Nothomyllocerus illitus* (Reitter) | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Omalium* sp.1 | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Osorius* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Osorius taurus* Sharp | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| Oxytelinae spp. | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°35'00.0"E, 450m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Oxytelus* sp.1 | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| Paederinae spp. | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°35'00.0"E, 450m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Pallodes* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Paracyusa* sp.1 | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Perigona nigriceps* Dejean | 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Philonthus* sp.1 | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Philonthus* sp.2 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Platycerus hongwonpyoi* Imura & Choe | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Polygraphus* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Prometopia* *unidentata* Hisamatsu | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Psammoecus* *triguttatus* Reitter | 37°26'53.8"N 128°38'20.9"E, 328m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Pselaphogenius* *cornurus* (Nomura & Lee) | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Pselaphus* *striatus* Löbl | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Psephidonus* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon |
| *Pseudcolenis* *hilleri* Reitter | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Pseudoscymnus* *hareja* Weise | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Pterostichus* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Ptinella* *alisonae* Darby | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Ptinella* sp.1 | 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Ptochidius* sp.1 | 37°29'43.0"N 128°35'00.0"E, 450m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Ptochidius tessellatus* Motschulsky | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Scepticus* sp.1 | 37°29'42.2"N 128°34'58.9"E, 463m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Sepedophilus germanus* (Sharp) | 37°29'41.5"N 128°34'57.8"E, 429m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'53.8"N 128°38'20.9"E, 328m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°29'43.0"N 128°34'58.0"E, 453m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Sepedophilus* sp.1 | 37°29'43.0"N 128°35'00.0"E, 450m, 27X2019, MS Jang; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'33.7"N 128°34'53.7"E, 445m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Sepedophilus testaceus* (Fabricius) | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Siagonium* sp.1 | 37°29'43.0"N 128°34'58.0"E, 453m, 27X2019, JW Kang, UJ Byeon |
| *Silvanoprus angusticollis* (Reitter) | 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| Staphylininae spp. | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Stenophanes mesostena* (Solsky) | 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Stenus* sp.1 | 37°31'39.0"N 128°35'18.0"E, 607m, 21VIII19, MS Jang, JY Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°29'33.6"N 128°34'52.6"E, 450m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Stenus* sp.2 | 37°26'02.0"N 128°36'57.0"E, 782m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Stephostethus chinensis* (Reitter) | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi; 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Tachinus* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| Tachypoinae sp.1 | 37°29'43.0"N 128°35'00.0"E, 450m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Tetraphyllus* sp.1 | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Trachodes subfasciatus* Voss | 37°27'57.7"N 128°36'57.5"E, 761m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Trechus* sp.1 | 37°29'43.0"N 128°35'00.0"E, 450m, 21VIII19, MS Jang, JY Kang, UJ Byeon |
| *Trichotichnus gerni* Noonan | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Trichotichnus* sp.1 | 37°31'39.0"N 128°35'18.0"E, 607m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Trichotichnus congruus* (Motschulsky) | 37°26'53.8"N 128°38'20.9"E, 328m, 10III2019, JS Park, MS Jang, JW Kang, JY Kang, YJ Choi, SH Choi |
| *Typhlocolenis* sp.2 | 37°26'54.6"N 128°38'21.0"E, 312m, 27X2019, MS Jang, JW Kang, UJ Byeon; 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |
| *Typhlocolenis* sp.1 | 37°26'02.0"N 128°36'57.0"E, 782m, 27X2019, MS Jang, JW Kang, UJ Byeon |
| *Uloma bonzica* Marseul | 37°26'02.0"N 128°36'57.0"E, 782m, 15XII2019, MS Jang, YJ Choi, JY Kang, JW Kang, UJ Byeon, TY Jang, JW Kim |