**Riedel et al. Supplemental Material 4. Coleopteran assemblages from Glacial Lakes Skymo**

**and Concrete.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lake Skymo Taxa** | **Skeletal Parts** | **# Individuals** | **Sample** |
| **TERRESTRIAL** |  |  |  |
| Carabidae (ground) |  |  |  |
|  *Nebria (?)* | E | 1 | NOCA 40 |
|  Unknown  | MS | 1 | NOCA 40 |
| Byrrhidae (pill) |  |  |  |
|  Unknown | PR | 1 | NOCA 33 |
|  *Curimopsis* sp. | H | 1 | NOCA 33 |
| Staphylinidae (rove) |  |  |  |
| Omaliinae (oscellate rove) |  |  |  |
|  Unknown | E4, H | 5 | NOCA 40, 37, 33 |
|  *Eucnecosum tenue* (Lec.) | PR, E | 1 | NOCA 40 |
|  *Olophrum* sp. | E2 | 2 | NOCA 40, 37 |
|  *Olophrum boreale* (Payk.) | PR | 1 | NOCA 40 |
|  *Bledius* sp. | PR | 1 | NOCA 37 |
|  *Tachinus* sp. | E | 1 | NOCA 37 |
|  Aleocharinae (rove) |  |  |  |
|  Unknown | E, PR | 2 | NOCA 37, NOCA33 |
| Curculionidae (weevils) |  |  |  |
|  Unknown | PT | 1 | NOCA 40 |
|  Unknown | PR, AM, AS | 3 | NOCA 37 |
|  Genus? | E | 1 | NOCA 37 |
|  Unknown | ¾ E | 1 | NOCA 33 |
| Scolytidae (bark) |  |  |  |
|  Unknown | PT, H, E | 3 | NOCA 40 |
|  *Pityophthorus* sp. | E, PR | 2 | NOCA 40, 37 |
|  Unknown | MB | 2 | NOCA 37 |
|  Unknown | AM, MS | 2 | NOCA 33 |
|  *Pityophthorus* sp. | E, AH, AP, AS | 6 | NOCA 33 |
|  *Polygraphus rufipennis?*(Kirby) | E | 1 | NOCA 33 |
| **Total Lake Skymo terrestrial** | **37** | **38** |  |
|  |  |  |  |
| **AQUATIC** |  |  |  |
| Hydrophilidae (water scavenger) |  |  |  |
|  Unknown | E | 1 | NOCA 37 |
|  *Helophorus* sp. | E | 1 | NOCA 33 |
| Dytiscidae (predaceous diving) |  |  |  |
|  Unknown | H, E, F | 2 | NOCA 40, 33 |
|  *Hydroporus* sp. | E, MP, H, PR, PL | 4 | NOCA 37, 33 |
|  Unknown | AA | 1 | NOCA 37 |
| **Total Lake Skymo aquatic** | **16** | **9** |  |
|  |  |  |  |
| Unidentified to family | E, AP, AM, SF, AL  | 4 | NOCA 37 |
|  |  |  |  |
| **Total Lake Skymo** | **53** | **51** |  |
|  |  |  |  |
|  |  |  |  |
| **Lake Concrete taxa** | **Skeletal Parts** | **# individuals** | **Sample** |
| Carabidae (ground) |  |  |  |
|  *Bembidion* sp. | PR, EF, E | 3 | NOCA 104, 105 |
|  *Agonum* sp. | H, PR, E | 2 | NOCA 105 |
|  Unknown | MS | 1 | NOCA 105 |
|  Unknown | H, PO, E, PS, MS, CX | 2 | NOCA 101 |
|  *Elaphrus clairvillei* Kby. | E | 1 | NOCA 101 (NWT) |
|  *Bembidion* sp. | H, PR, E | 2 | NOCA 101 |
|  Unknown | E | 1 | NOCA 100 |
|  *Elaphrus clairvillei* Kby. | E, EF | 1 | NOCA 100 (NWT) |
|  Genus? | ¾ PR | 10 | NOCA 100 |
| Staphylinidae (rove) |  |  |  |
|  Unknown | H, AS, AP, MS | 3 | NOCA 104 |
|  *Stenus* sp. | E | 1 | NOCA 104 |
|  Aleocharinae |  |  |  |
|  Unknown | AP, MT, E2, PR2, H, AM, AT, MS | 11 | NOCA 104, 105, 101, 100 |
|  *Bledius* sp. | PR | 1 | NOCA 105 |
|  Omaliinae (oscellate rove) |  |  |  |
|  Unknown | H4, E6, AE, PR, MS | 14 | NOCA 105, 101, 100 |
|  *Olophrum* sp. | E, H | 4 | NOCA 105, 101, 100 |
|  *Olophrum consimile* Gyll. | PR3 | 3 | NOCA 105, 101 |
|  *Stenus* sp. | AE | 1 | NOCA 105 |
|  *Quedius* sp. | H, PR, E | 2 | NOCA 105 |
|  Genus 1 | PR2 | 3 | NOCA 105, 101 |
|  Genus 2 | PR5 | 5 | NOCA 105,101 |
|  Genus 3 | PR2 | 2 | NOCA 105 |
|  *Olophrum boreale* (Payk.) | PR | 1 | NOCA 100 |
|  *Tachinus* sp. | PR | 1 | NOCA 100 |
|  Genus? | PR | 1 | NOCA 100 |
| Ptiliidae (click) |  |  |  |
|  Unknown | AH, PT, AM, E3 | 3 | NOCA 104,101 |
| Scarabaeidae (dung) |  |  |  |
|  *Aegialia* sp. | PR, E | 2 | NOCA 104 |
|  *Aphodius* sp. | ¾ E | 1 | NOCA 101 |
| Elateridae (click) |  |  |  |
|  Unknown | E3, AS | 4 | NOCA 104, 105, 101 |
| Chrysomelidae (leaf) |  |  |  |
|  Unknown | E2, PR, AE | 3 | NOCA 104, 101, 100 |
|  *Plateumaris* sp. | AB, H, PT, E, PR, MS | 4 | NOCA 105 |
| Curculionidae (weevils) |  |  |  |
|  Unknown | E, PT | 1 | NOCA 104 |
|  *Isochnus* sp. | E, PR, AE, H, AB | 5 | NOCA 105, 101 |
|  *Isochnus rufipes?* (LeConte) | E | 1 | NOCA 100 |
|  Genus? | E | 1 | NOCA 100 |
| **Lake Concrete Terrestrial totals** | **92** | **111** |  |
|  |  |  |  |
| **AQUATIC** |  |  |  |
| Dytiscidae (predaceous diving) |  |  |  |
|  Genus? | H, PR, E, MP | 1 | NOCA 105 |
| Hydrophilidae (water scavenger) |  |  |  |
|  Unknown | H | 1 | NOCA 105 |
|  *Helophorus eclectus?* d’Orchymont | PR | 1 | NOCA 105 |
| Aleocharine (rove) |  |  |  |
|  Unknown | PR, E | 1 | NOCA 105 |
| Helodidae (marsh) |  |  |  |
|  Unknown | H, PR, E | 3 | NOCA 105 |
| Byrrhidae (pill) |  |  |  |
|  *Byrrhus* sp. | AB, E, ST, L, H, EF, PR | 5 | NOCA 105, 101, 100 |
|  Unknown | H, PR | 2 | NOCA 101 |
| **Lake Concrete aquatic totals** | **20** | **14** |  |
|  |  |  |  |
| **Lake Concrete totals** | **112** | **115** |  |