|  |  |
| --- | --- |
|  | **Habitat Type** |
| **Group**  | **Family** | **Patch Type** | **Location in Patch** |
| **LC** | **LI** | **SC** | **SI** | **CAN** | **EDG** | **INT** |
| Acari | Tetranychidae | X | X | X | X | X | X | X |
|  | Eriophyidae |  | X | X |  | X |  |  |
| Hemiptera | Aphidae | X | X | X | X | X | X | X |
|  | Acanthosomatidae |  | X |  |  | X |  |  |
|  | Pentatomidae | X | X | X | X | X | X | X |
|  | Psyllidae |  | X |  | X | X |  | X |
|  | Drepanosiphidae | X | X | X | X | X | X | X |
|  | Cicadellidae | X | X | X | X | X | X | X |
|  | Tingidae | X | X | X |  | X | X |  |
|  | Miridae | X | X | X | X | X | X | X |
|  | Coreidae | X | X | X |  |  | X |  |
|  | Cicadidae | X | X |  |  | X | X |  |
|  | Cercopidae | X | X | X | X | X | X | X |
|  | Membracidae | X |  |  | X |  | X |  |
|  | Cixiidae | X | X |  |  |  | X |  |
|  | Flattidae | X | X | X |  |  | X | X |
|  | Derbidae |  |  | X |  |  | X |  |
|  | Pemphigidae | X | X | X | X | X |  | X |
| Coleoptera | Anobiidae | X | X | X | X | X | X | X |
|  | Chrysomelidae | X | X | X | X |  | X | X |
|  | Curculionidae | X | X | X | X | X | X | X |
|  | Elateridae | X | X | X | X | X | X | X |
|  | Tenebrionidae | X | X | X | X | X | X | X |
|  | Scarabidae |  |  |  | X | X |  |  |
|  | Aderidae |  |  | X |  |  | X |  |
|  | Buprestidae | X |  |  | X |  | X | X |
|  | Cantharidae |  | X |  |  |  |  | X |
|  | Cerambycidae | X |  |  |  |  | X |  |
|  | Mordellidae |  | X |  |  |  | X | X |
|  | Lampyridae |  | X |  | X | X |  |  |
| Hymenoptera | Tenthredinidae |  | X | X |  |  | X |  |
| Lepidoptera | Noctuidae | X | X | X | X | X | X | X |
|  | Lymantriidae | X |  | X | X | X | X | X |
|  | Geometridae | X | X | X | X | X | X | X |
|  | Lasiocampidae |  | X |  |  | X |  | X |
|  | Pantheidae |  |  | X |  | X |  |  |
|  | Notodontidae | X | X | X | X | X | X |  |
|  | Limacodidae | X |  | X |  | X | X |  |
|  | Psychididae |  | X |  |  |  | X | X |
|  | Arctiidae | X | X | X |  | X | X | X |
|  | Micro-lepidoptera | X | X | X | X | X | X | X |

**S1 Table.** **List of all herbivore families collected.** Arthropods were collected from the foliage of sugar maple trees in southern Quebec at the edge (EDG), interior (INT) and canopy (CAN) of sugar maple-beech dominated forest patches in 2011 and 2012. Forest patches were large connected (LC), large isolated (LI), small connected (SC), or small isolated (SI). See [64]Maguire et al. (2015b) for detailed methods as to how arthropods were collected.