

EMILY PROVINCIAL PARK

One Malaise trap was deployed at Emily Provincial Park in 2014 (44.34143, -78.53746, 255m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 5 – September 26, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 1752 BINs were obtained.

Over half the BINs captured were flies (Diptera), followed by bees, ants and wasps (Hymenoptera), moths and butterflies (Lepidoptera), and true bugs (Hemiptera; Figure 2). In total, 442 arthropod species were named, representing 29.2% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 65.8% were assigned to a genus (Appendix 2). Specimens collected from Emily represent 155 different families and 529 genera.



Figure 1. Malaise trap deployed at Emily Provincial Park in 2014.

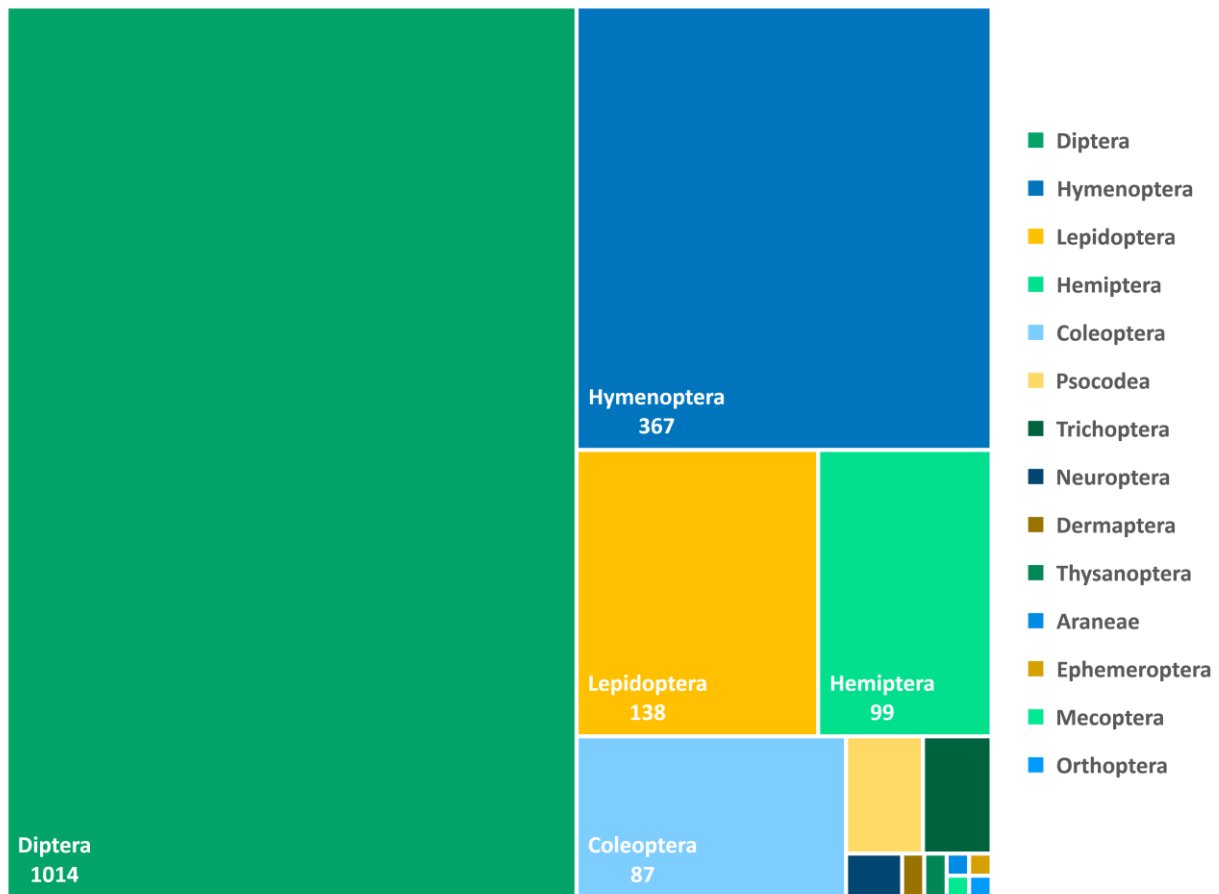


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Emily.