

PRESQU'ILE PROVINCIAL PARK

One Malaise trap was deployed at Presqu'ile Provincial Park in 2014 (44.00914, -77.7424, 30m ASL). 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 2980 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 1). In total, 770 arthropod species were named, representing 29.3% of the BINs from the site (Appendix 1). All but 1 of the BINs were assigned at least to family, and 68.7% were assigned to a genus (Appendix 2). Specimens collected from Presqu'ile represent 200 different families and 805 genera.

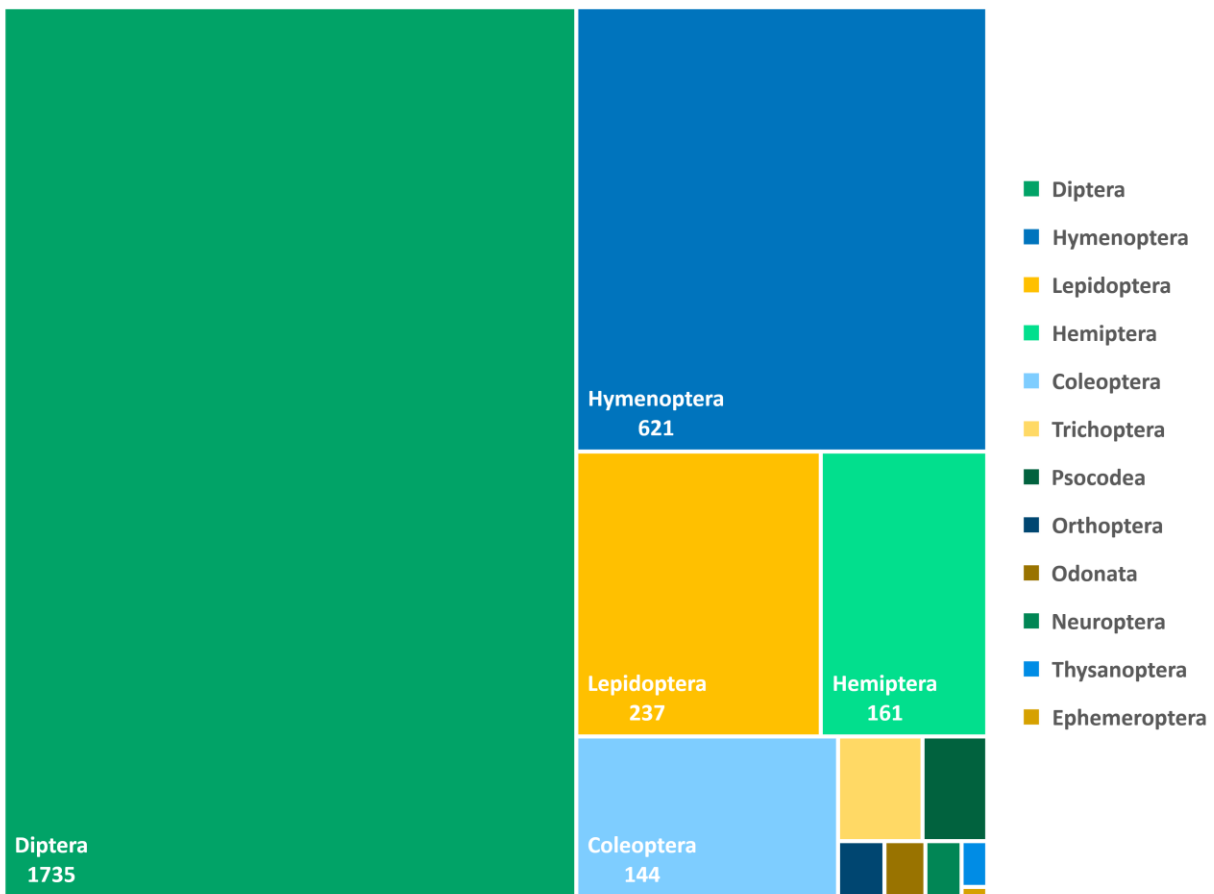


Figure 1. Taxonomy breakdown of BINs captured in the Malaise trap at Presqu'ile.