

SHARBOT LAKE PROVINCIAL PARK

One Malaise trap was deployed at Sharbot Lake Provincial Park in 2014 (44.77952, -76.72379, 199m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 8 – September 24, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 2672 BINs were obtained.

Over half the BINs captured were flies (Diptera), followed by bees, ants and wasps (Hymenoptera), moths and butterflies (Lepidoptera), and beetles (Coleoptera; Figure 2). In total, 640 arthropod species were named, representing 26.8% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 63% were assigned to a genus (Appendix 2). Specimens collected from Sharbot Lake represent 188 different families and 679 genera.



Figure 1. Malaise trap deployed at Sharbot Lake Provincial Park in 2014.

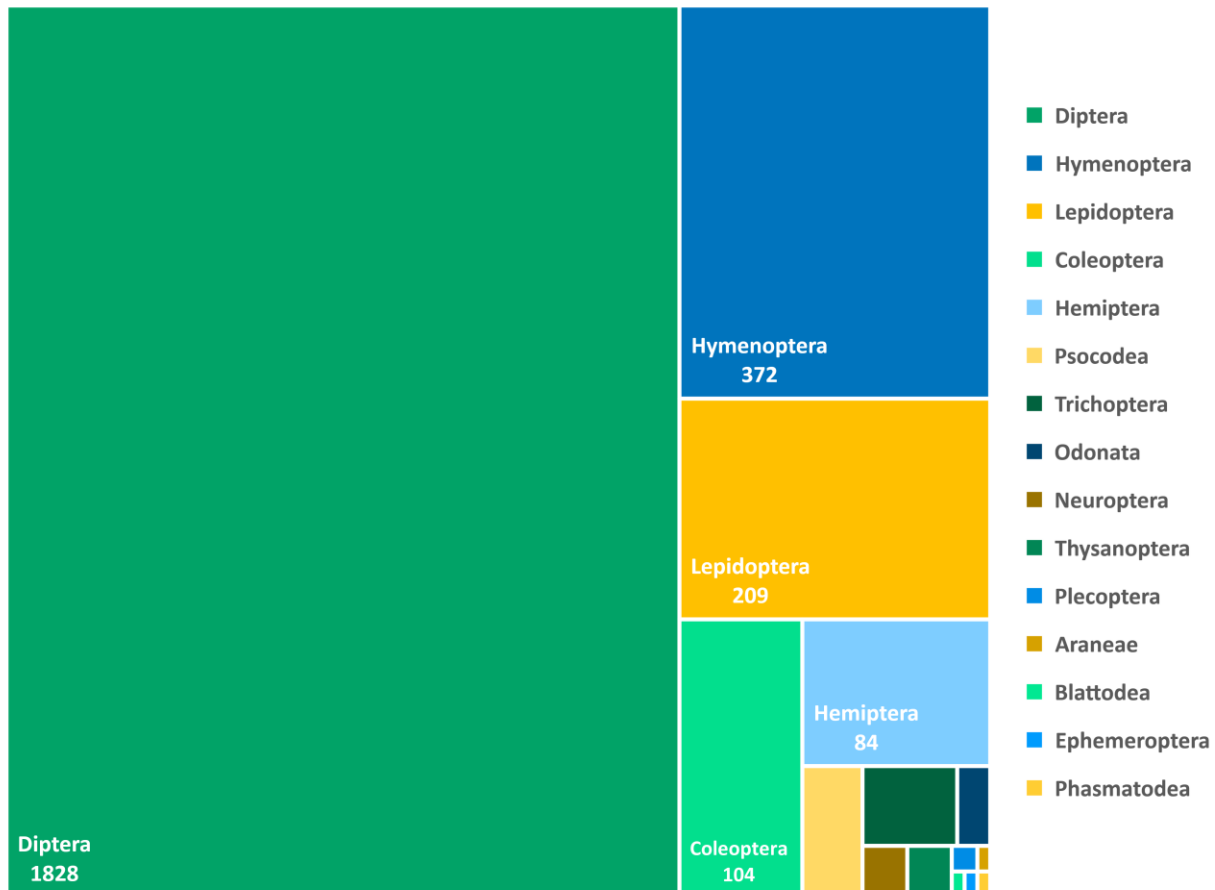


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Sharbot Lake.