

LAKE ST. PETER PROVINCIAL PARK

One Malaise trap was deployed at Lake St. Peter Provincial Park in 2014 (45.3202, -78.02496, 421m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 6 – September 23, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 2451 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, 535 arthropod species were named, representing 24.3% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 62.2% were assigned to a genus (Appendix 2). Specimens collected from Lake St. Peter represent 177 different families and 601 genera.



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

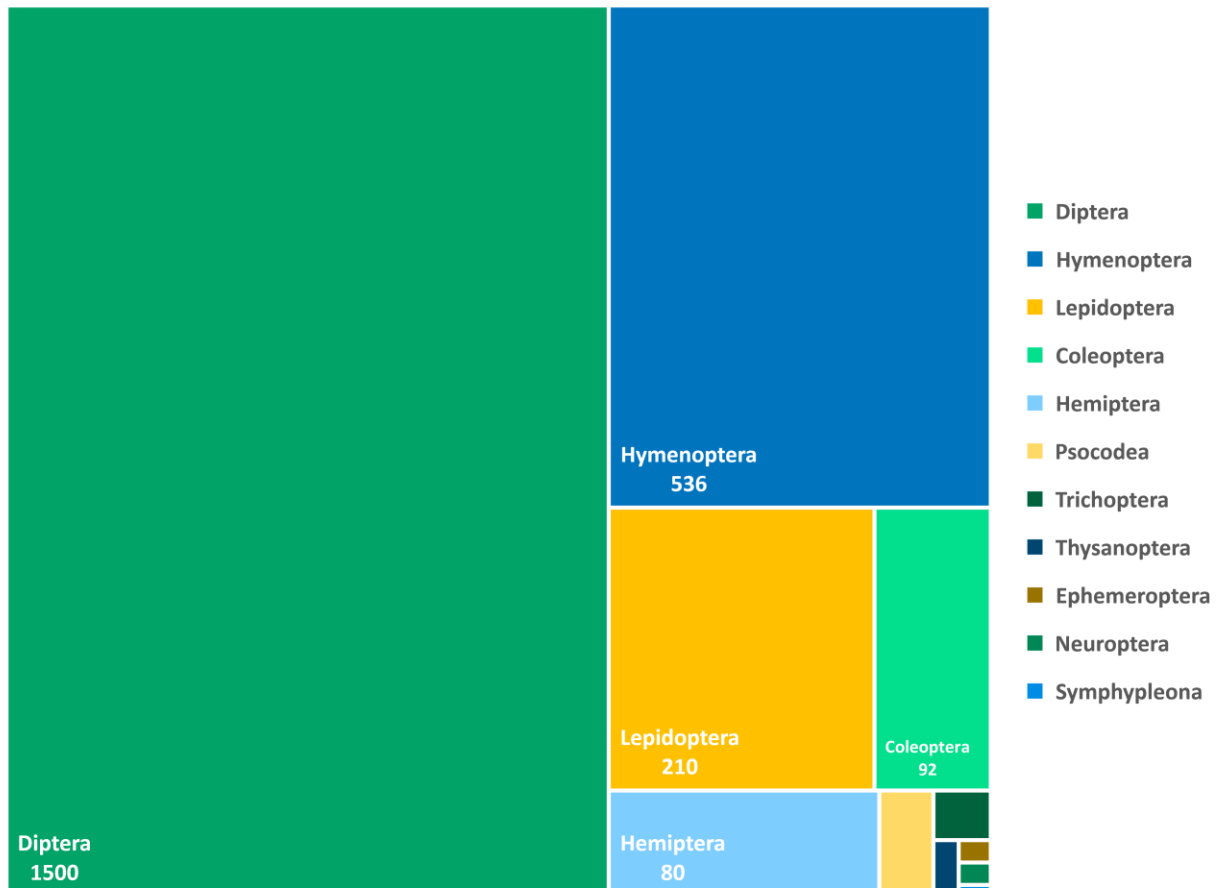


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Lake St. Peter.