

SILVER LAKE PROVINCIAL PARK

One Malaise trap was deployed at Silver Lake Provincial Park in 2014 (44.83129, -76.57565, 182m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 8 – September 25, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 4318 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, 994 arthropod species were named, representing 25.6% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 60.5% were assigned to a genus (Appendix 2). Specimens collected from Silver Lake represent 222 different families and 1012 genera.



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

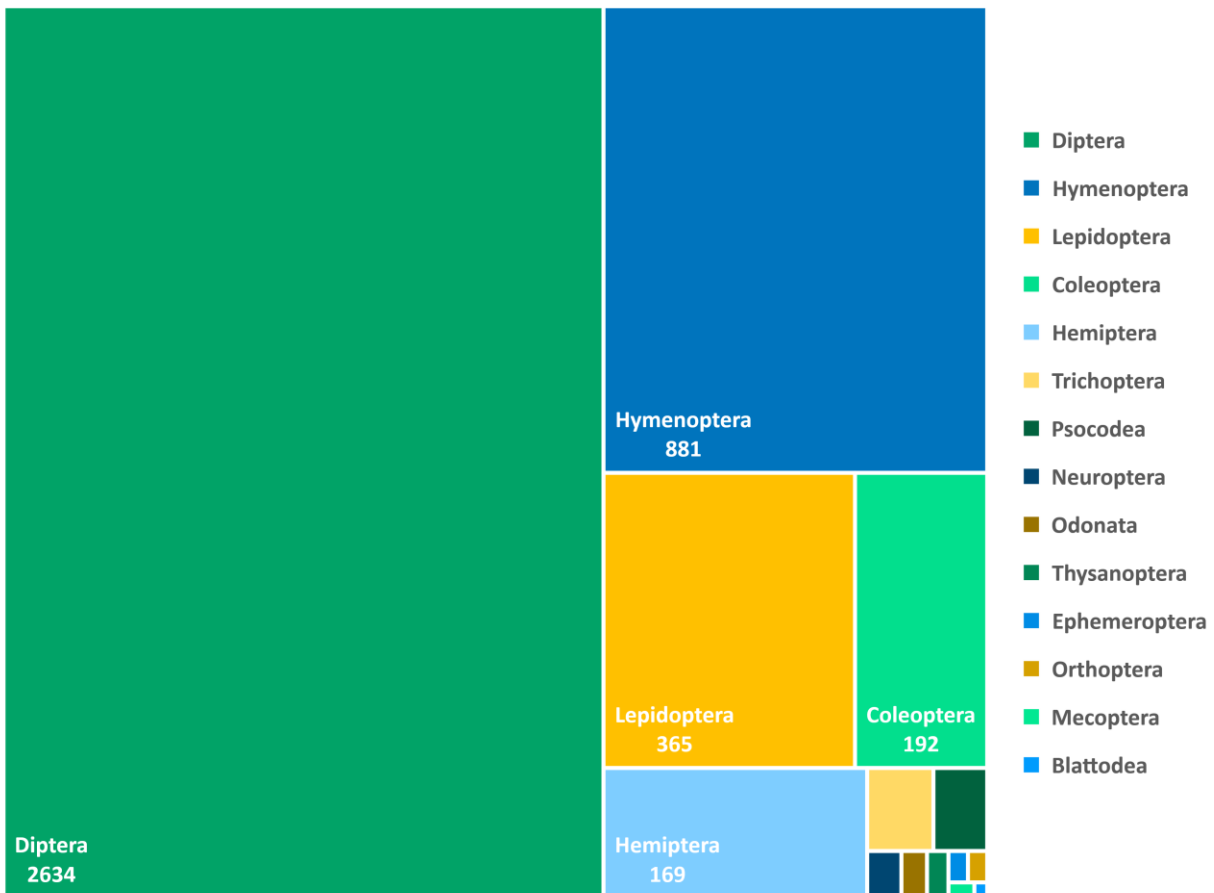


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Silver Lake.