

SILENT LAKE PROVINCIAL PARK

One Malaise trap was deployed at Silent Lake Provincial Park in 2014 (44.92144, -78.06931, 362m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 29 – September 23, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 2656 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, 520 arthropod species were named, representing 22% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 56.1% were assigned to a genus (Appendix 2). Specimens collected from Silent Lake represent 180 different families and 622 genera.



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

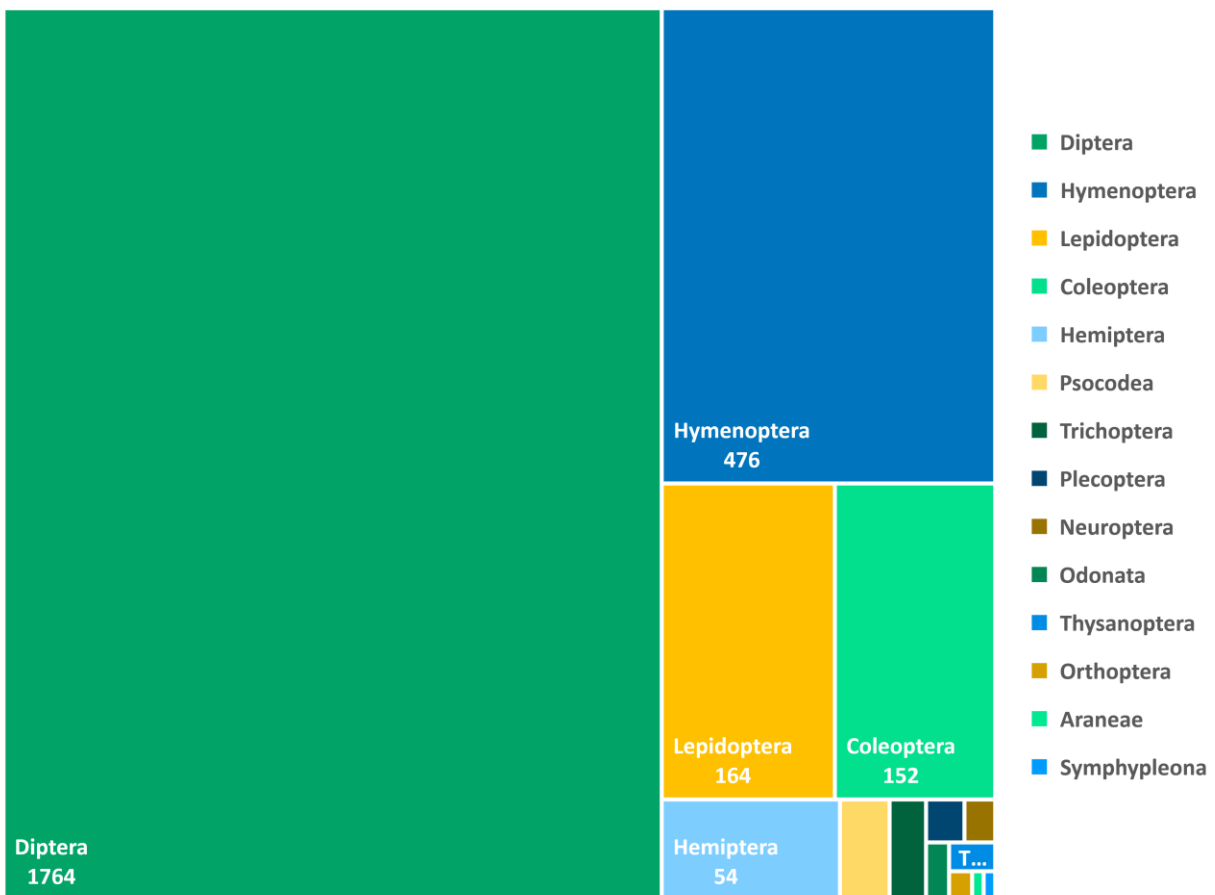


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Silent Lake.