

BALSAM LAKE PROVINCIAL PARK

One Malaise trap was deployed at Balsam Lake Provincial Park in 2014 (44.62857, -78.8614, 274m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 30 – September 22, 2014. All 10 Malaise trap samples were processed; every other sample was analyzed using the individual specimen protocol while the second half was analyzed via bulk analysis. A total of 3122 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 2). In total, 703 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 58.9% were assigned to a genus (Appendix 2). Specimens collected from Balsam Lake represent 224 different families and 811 genera.



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

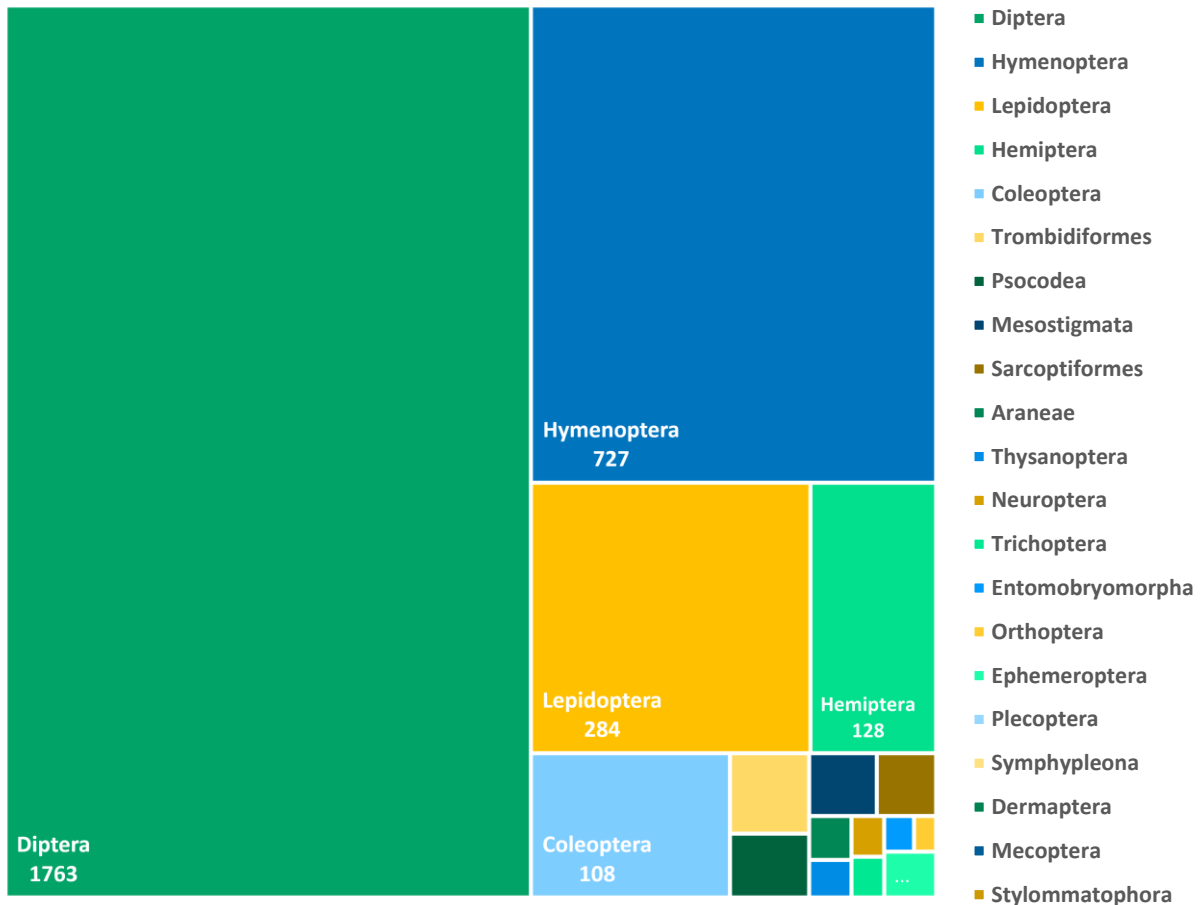


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Balsam Lake.