

ALGONQUIN PROVINCIAL PARK – ROCK LAKE

One Malaise trap was deployed at the Rock Lake site in Algonquin Provincial Park in 2014 (45.51962, -- 78.39752, 417m 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 1795 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, 368 arthropod species were named, representing 23% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 58.4% were assigned to a genus (Appendix 2). Specimens collected from Rock Lack represent 155 different families and 482 genera.



Figure 1. Malaise trap deployed at the Rock Lake site at Algonquin Provincial Park in 2014.

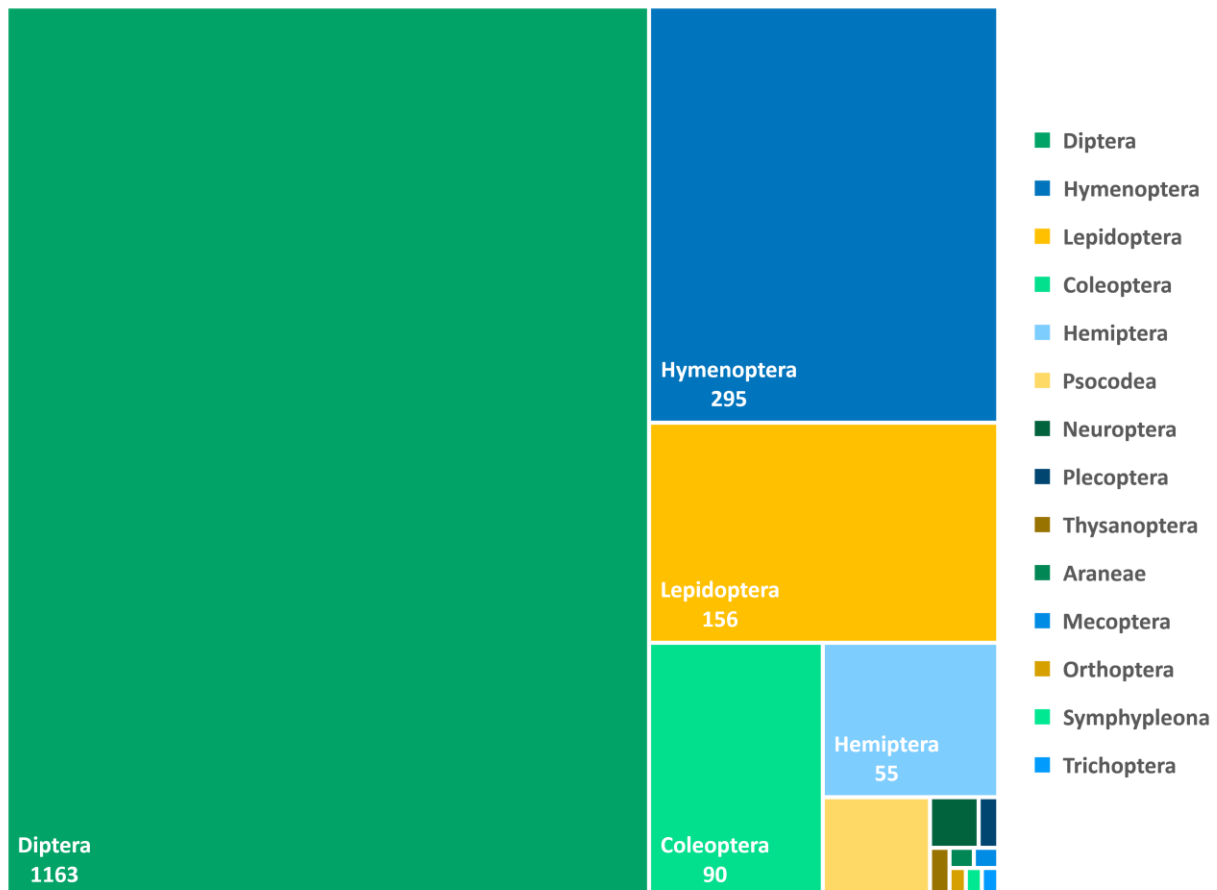


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Rock Lake.