

ALGONQUIN PROVINCIAL PARK – OXTONGUE RIVER

One Malaise trap was deployed at the Oxtongue River site in Algonquin Provincial Park in 2014 (45.4621, -78.796, 417m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 6 – September 23, 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 1542 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, 380 arthropod species were named, representing 26.5% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 60.4% were assigned to a genus (Appendix 2). Specimens collected from Oxtongue River represent 181 different families and 479 genera.



Figure 1. Malaise trap deployed at the Oxtongue River site at Algonquin Provincial Park in 2014.

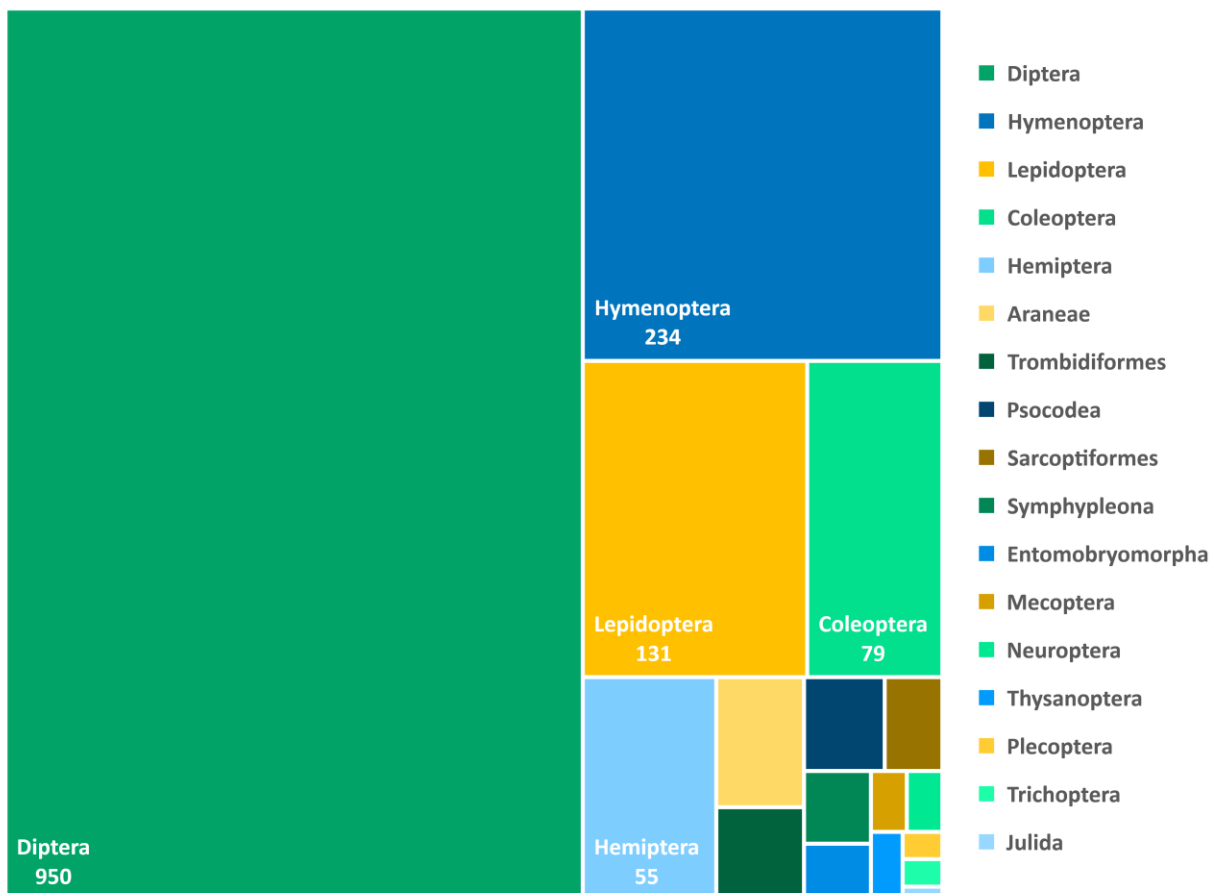


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Oxtongue River.