

LOWER MADAWASKA RIVER PROVINCIAL PARK

One Malaise trap was deployed at Lower Madawaska River Provincial Park in 2014 (45.25606, -77.19221, 280m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 7 – September 24, 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 3229 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, 647 arthropod species were named, representing 21.6% of the BINs from the site (Appendix 1). All but 1 of the BINs were assigned at least to family, and 55.3% were assigned to a genus (Appendix 2). Specimens collected from Lower Madawaska River represent 244 different families and 779 genera.



Figure 1. Malaise trap deployed at Lower Madawaska River Provincial Park in 2014.

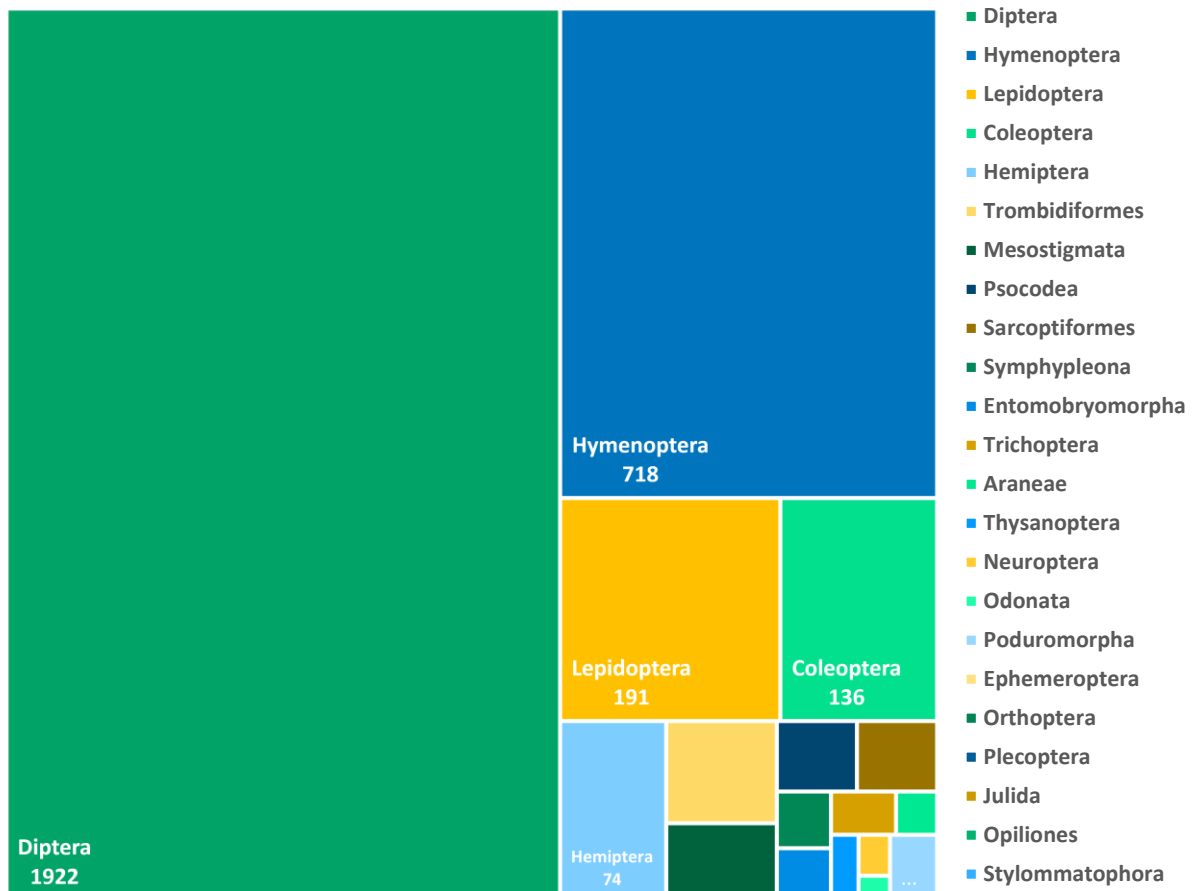


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Lower Madawaska River.