

LION'S HEAD PROVINCIAL PARK

One Malaise trap was deployed at Lion's Head Provincial Park in 2014 (44.99539, -81.2334, 225m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 2 – September 18, 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 1974 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, 442 arthropod species were named, representing 23.8% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 57.9% were assigned to a genus (Appendix 2). Specimens collected from Lion's Head represent 186 different families and 555 genera.



Figure 1. Malaise trap deployed at Lion's Head Provincial Park in 2014.

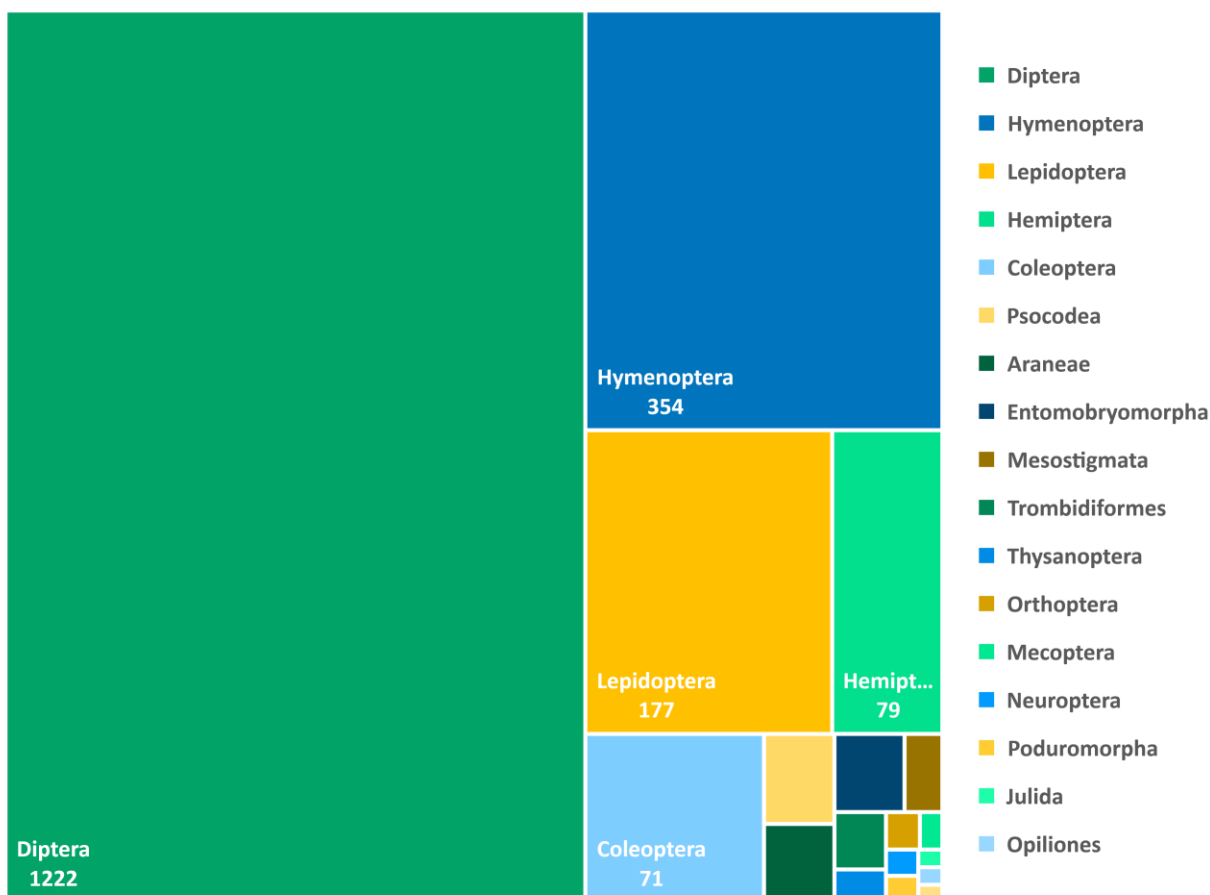


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Lion's Head.