

TURKEY POINT PROVINCIAL PARK

One Malaise trap was deployed at Turkey Point Provincial Park in 2014 (42.70515, -80.32849, 222m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 28 – September 15, 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 2434 BINs were obtained.



Figure 1. Malaise trap deployed at Turkey Point Provincial Park in 2014.

Approximately half of 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, 669 arthropod species were named, representing 30.4% of the BINs from the site (Appendix 1). All but one of the BINs were assigned at least to family, and 62.1% were assigned to a genus (Appendix 2). Specimens collected from Turkey Point represent 237 different families and 776 genera.

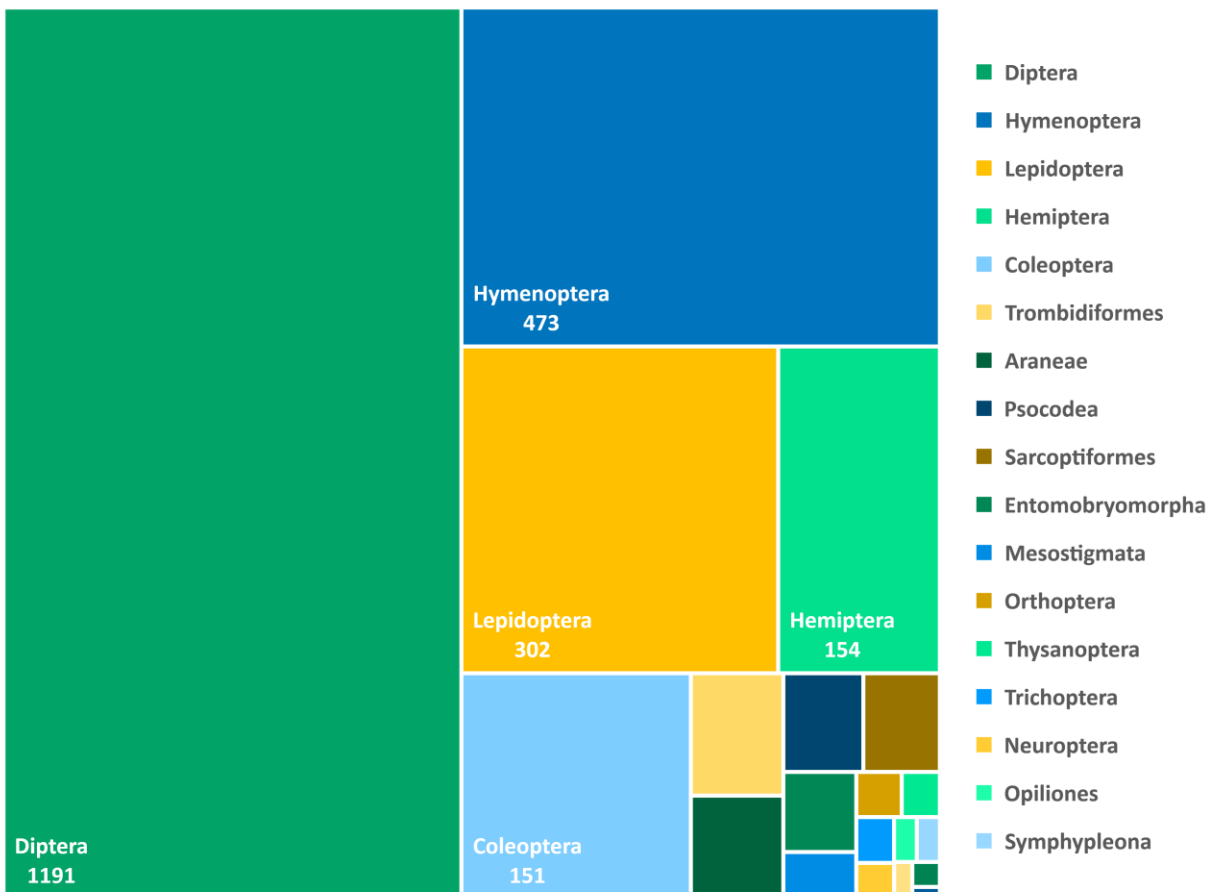


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Turkey Point.