

SANDBANKS PROVINCIAL PARK

One Malaise trap was deployed at Sandbanks Provincial Park in 2014 (43.90287, -77.26929, 80m ASL). This trap collected arthropods for twenty weeks from May 9 – September 25, 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 1233 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 1). In total, 348 arthropod species were named, representing 30.3% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 66% were assigned to a genus (Appendix 2). Specimens collected from Sandbanks represent 180 different families and 445 genera.

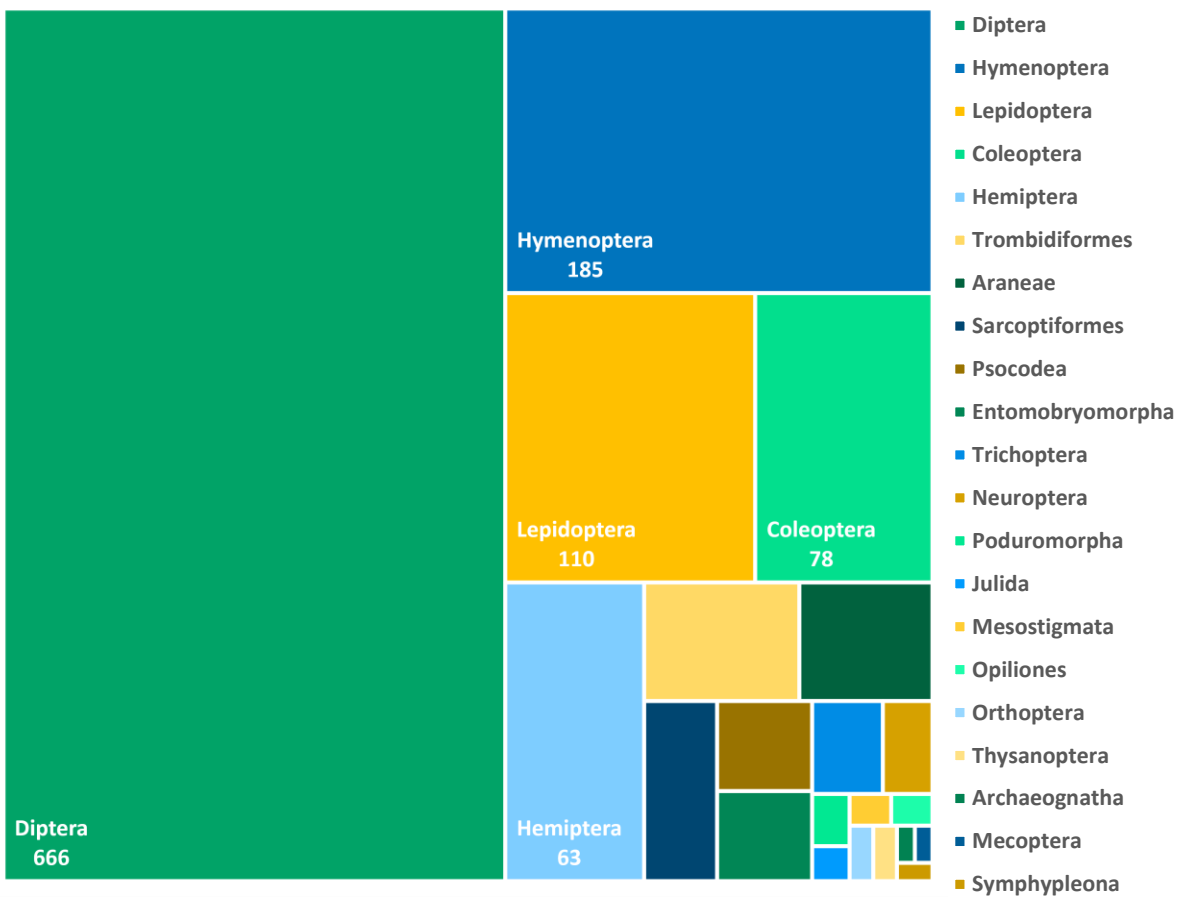


Figure 1. Taxonomy breakdown of BINs captured in the Malaise trap at Sandbanks.