

WHEATLEY PROVINCIAL PARK

One Malaise trap was deployed at Wheatley Provincial Park in 2014 (42.09199, -82.44227, 197m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 29 – September 16, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 1092 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, 294 arthropod species were named, representing 28.9% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 58.1% were assigned to a genus (Appendix 2). Specimens collected from Wheatley represent 140 different families and 371 genera.



Figure 1. Malaise trap deployed at Wheatley Provincial Park in 2014.

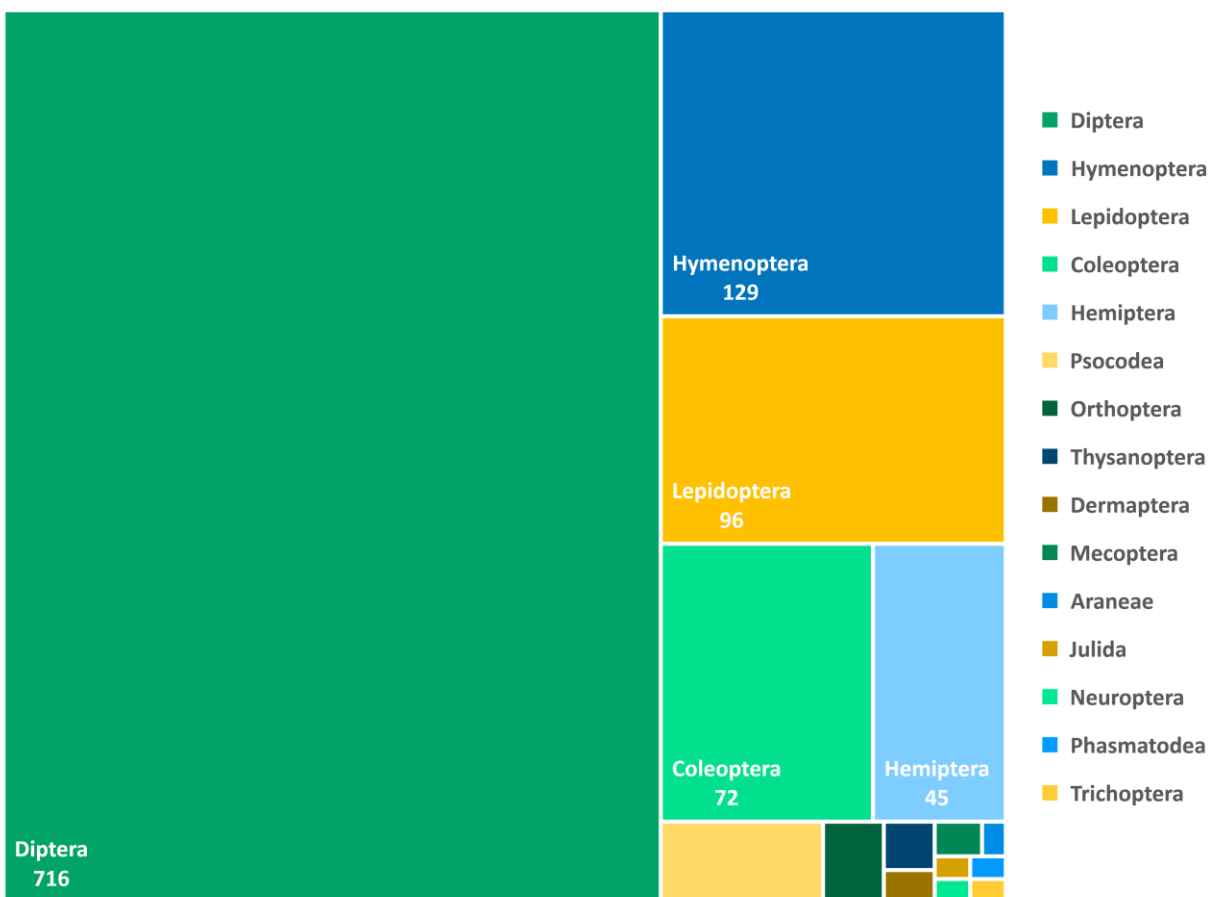


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Wheatley.