

PORT BURWELL PROVINCIAL PARK

One Malaise trap was deployed at Port Burwell Provincial Park in 2014 (42.6544, -80.81493, 200m 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 884 BINs were obtained.

Over half the BINs captured were flies (Diptera), followed by moths and butterflies (Lepidoptera), bees, ants and wasps (Hymenoptera), and beetles (Coleoptera; Figure 2). In total, 467 arthropod species were named, representing 32.5% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 63.3% were assigned to a genus (Appendix 2). Specimens collected from Port Burwell represent 131 different families and 383 genera.



Figure 1. Malaise trap deployed at Port Burwell Provincial Park in 2014.

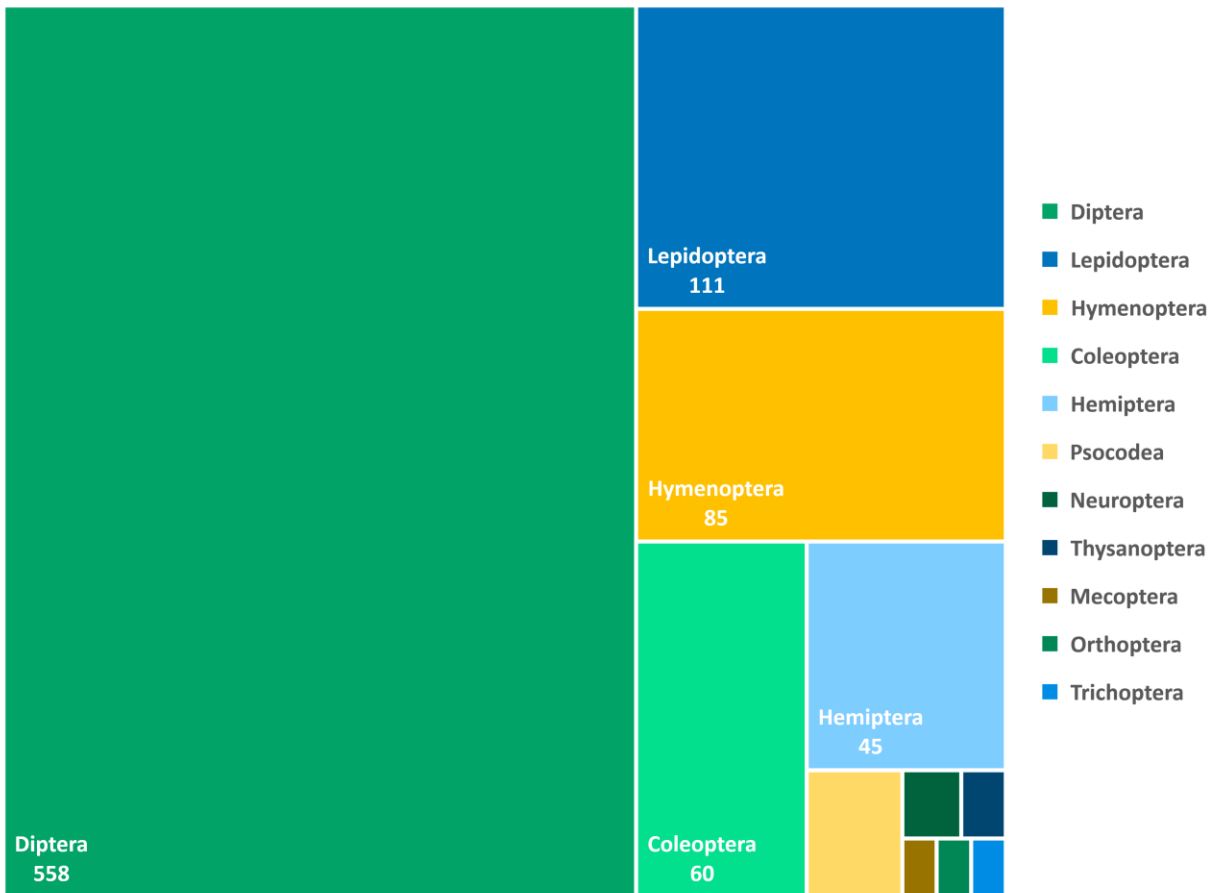


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Port Burwell.