

BRONTE CREEK PROVINCIAL PARK

One Malaise trap was deployed at Bronte Creek Provincial Park in 2014 (43.4023, -79.7617, 135m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 28 – September 15, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 2654 BINs were obtained.

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, 801 arthropod species were named, representing 34.2% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 68.7% were assigned to a genus (Appendix 2). Specimens collected from Bronte Creek represent 197 different families and 825 genera.



Figure 1. Malaise trap deployed at Bronte Creek Provincial Park in 2014.

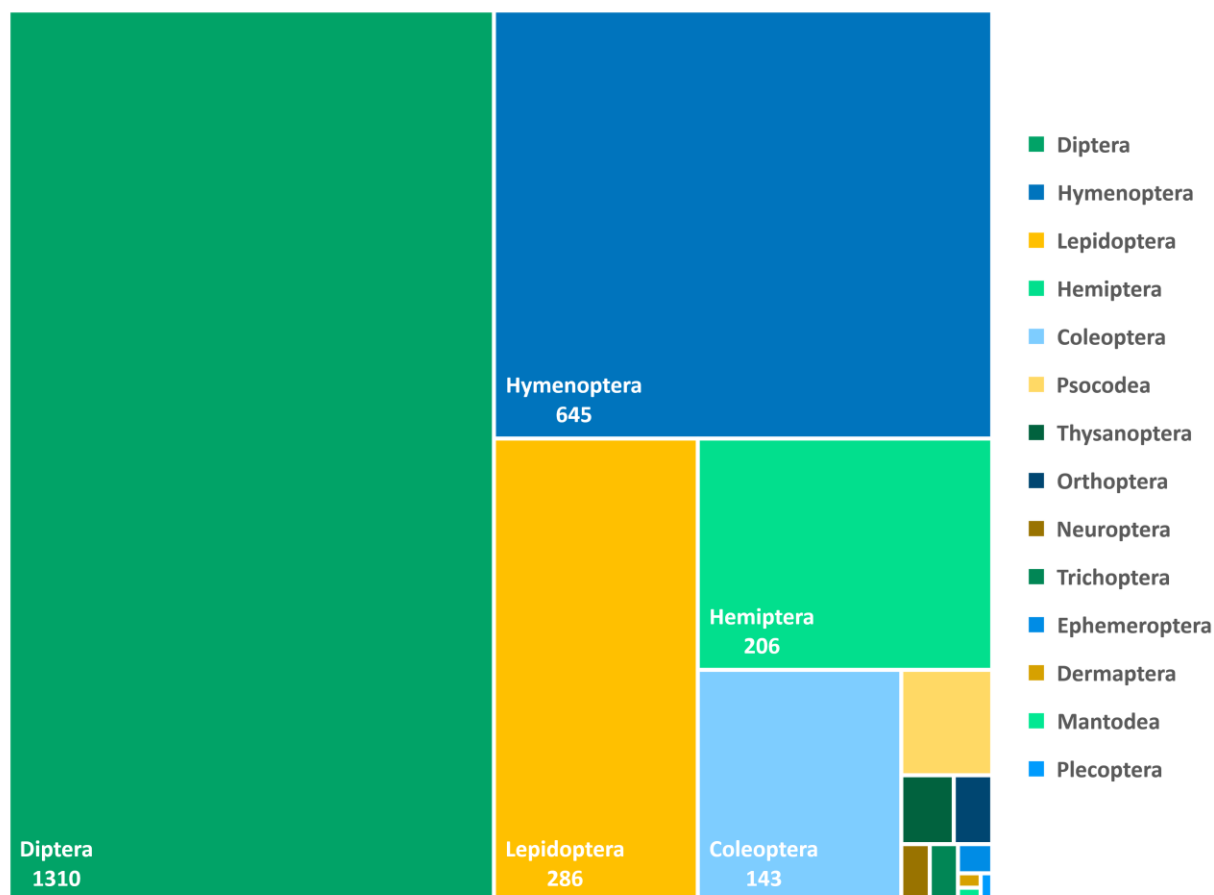


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Bronte Creek.