

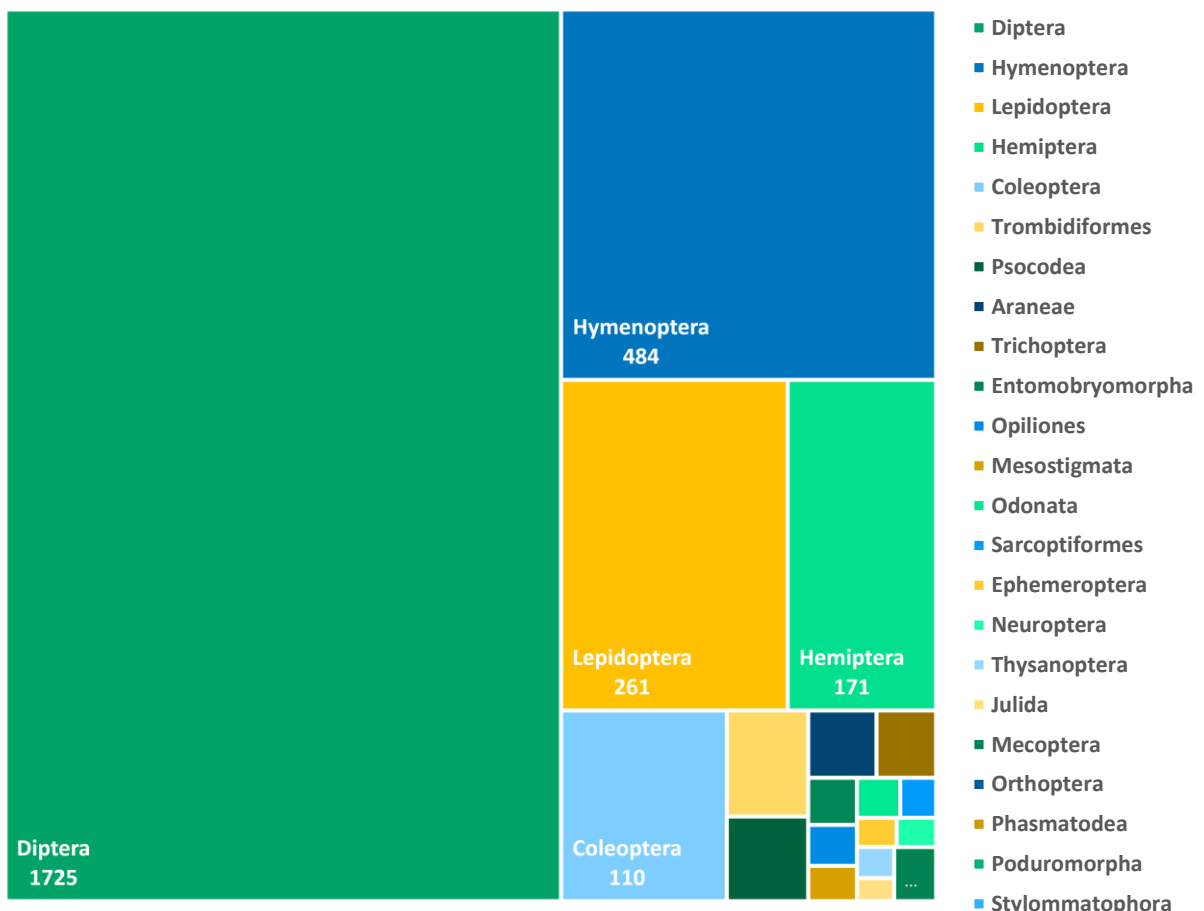
## CHARLESTON LAKE PROVINCIAL PARK

One Malaise trap was deployed at Charleston Lake Provincial Park in 2014 (44.49798, -76.0414, 93m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 8 – 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 2890 BINs were obtained.

Over half 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, 615 arthropod species were named, representing 23.5% of the BINs from the site (Appendix 1). All but 1 of the BINs were assigned at least to family, and 56.7% were assigned to a genus (Appendix 2). Specimens collected from Charleston Lake represent 216 different families and 721 genera.



**Figure 1.** Malaise trap deployed at the Charleston Lake Provincial Park in 2014.



**Figure 2.** Taxonomy breakdown of BINs captured in the Malaise trap at Charleston Lake.