

AWENDA PROVINCIAL PARK

One Malaise trap was deployed at Awenda Provincial Park in 2014 (44.82534, -79.98458, 231m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 29 – September 19, 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 3029 BINs were obtained.



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

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, 595 arthropod species were named, representing 21.3% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 54% were assigned to a genus (Appendix 2). Specimens collected from Awenda represent 214 different families and 705 genera.

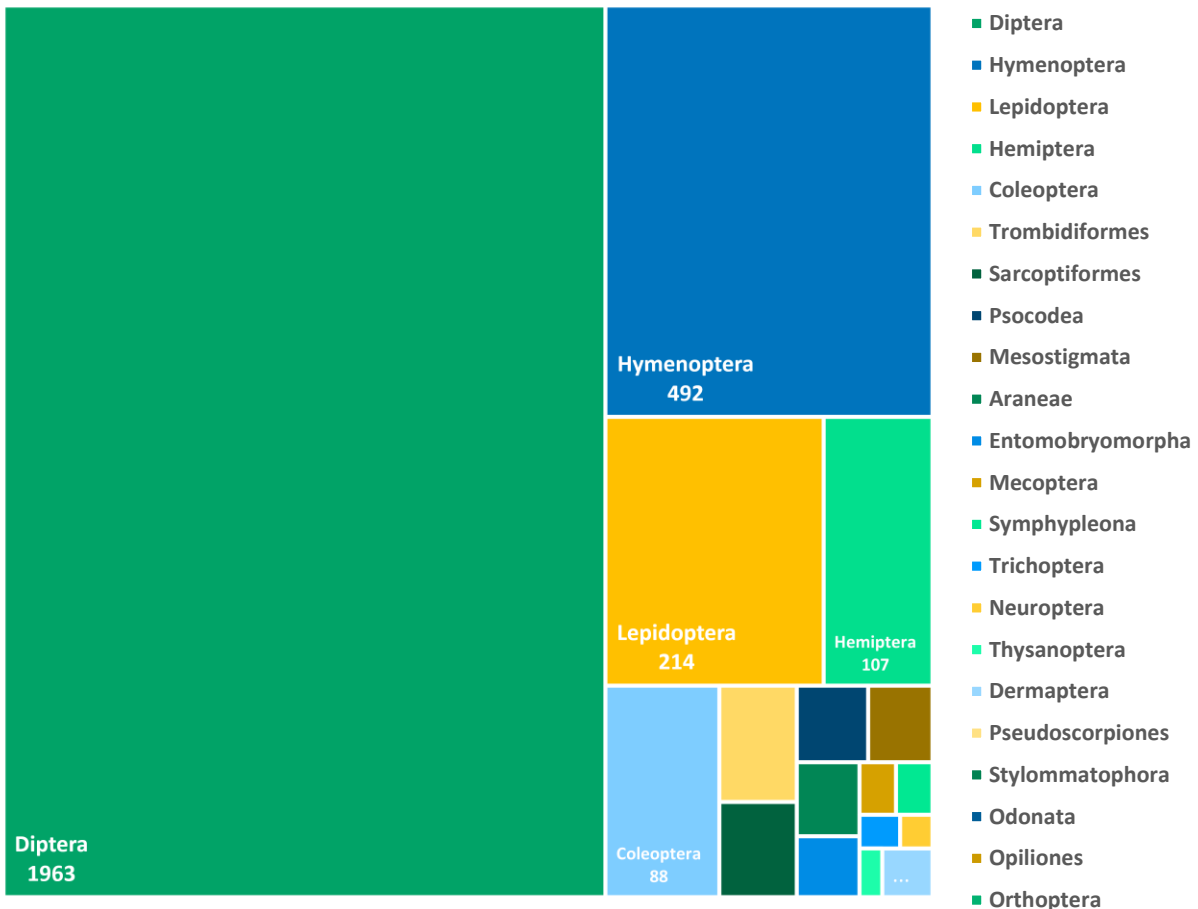


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Awenda.