

BOYNE VALLEY PROVINCIAL PARK

One Malaise trap was deployed at Boyne Valley Provincial Park in 2014 (44.11563, -80.12777, 468m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 28 – 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 1571 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, 427 arthropod species were named, representing 29% of the BINs from the site (Appendix 1). All BINs were assigned at least to family, and 66.6% were assigned to a genus (Appendix 2). Specimens collected from Boyne Valley represent 183 different families and 558 genera.



Figure 1. Malaise trap deployed at Boyne Valley Provincial Park in 2014.

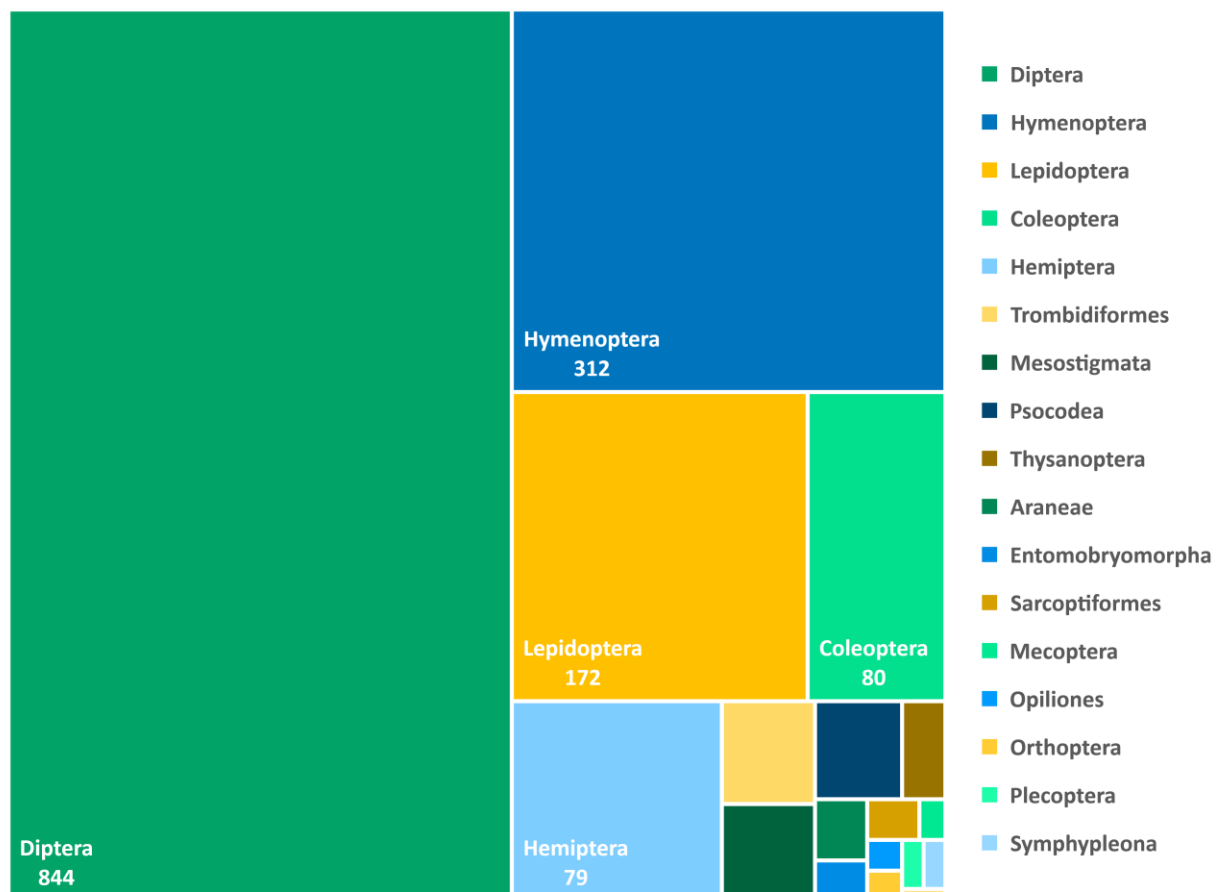


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Boyne Valley.