

DUNCAN ESCARPMENT PROVINCIAL PARK

One Malaise trap was deployed at Duncan Escarpment Provincial Park in 2014 (44.42305, -80.46923, 411m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 28 – September 18, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 1800 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, 481 arthropod species were named, representing 29.6% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 63.1% were assigned to a genus (Appendix 2). Specimens collected from Duncan Escarpment represent 166 different families and 539 genera.



Figure 1. Malaise trap deployed at Duncan Escarpment Provincial Park in 2014.

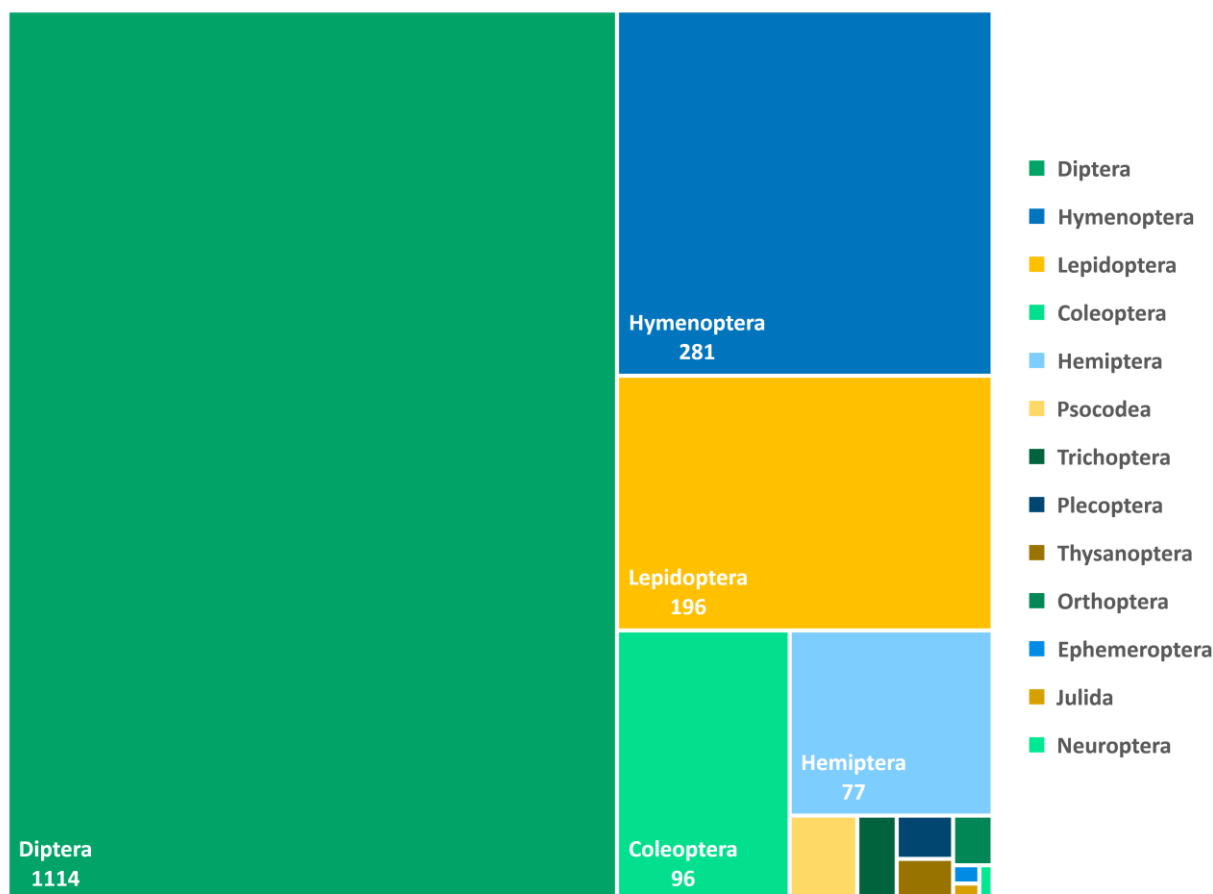


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Duncan Escarpment.