

MARK S. BURNHAM PROVINCIAL PARK

One Malaise trap was deployed at Mark S. Burnham Provincial Park in 2014 (44.29882, -78.26779, 231m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 5 – September 26, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 1436 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, 345 arthropod species were named, representing 27.5% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 60.7% were assigned to a genus (Appendix 2). Specimens collected from Mark S. Burnham represent 154 different families and 415 genera.



Figure 1. Malaise trap deployed at Mark S. Burnham Provincial Park in 2014.

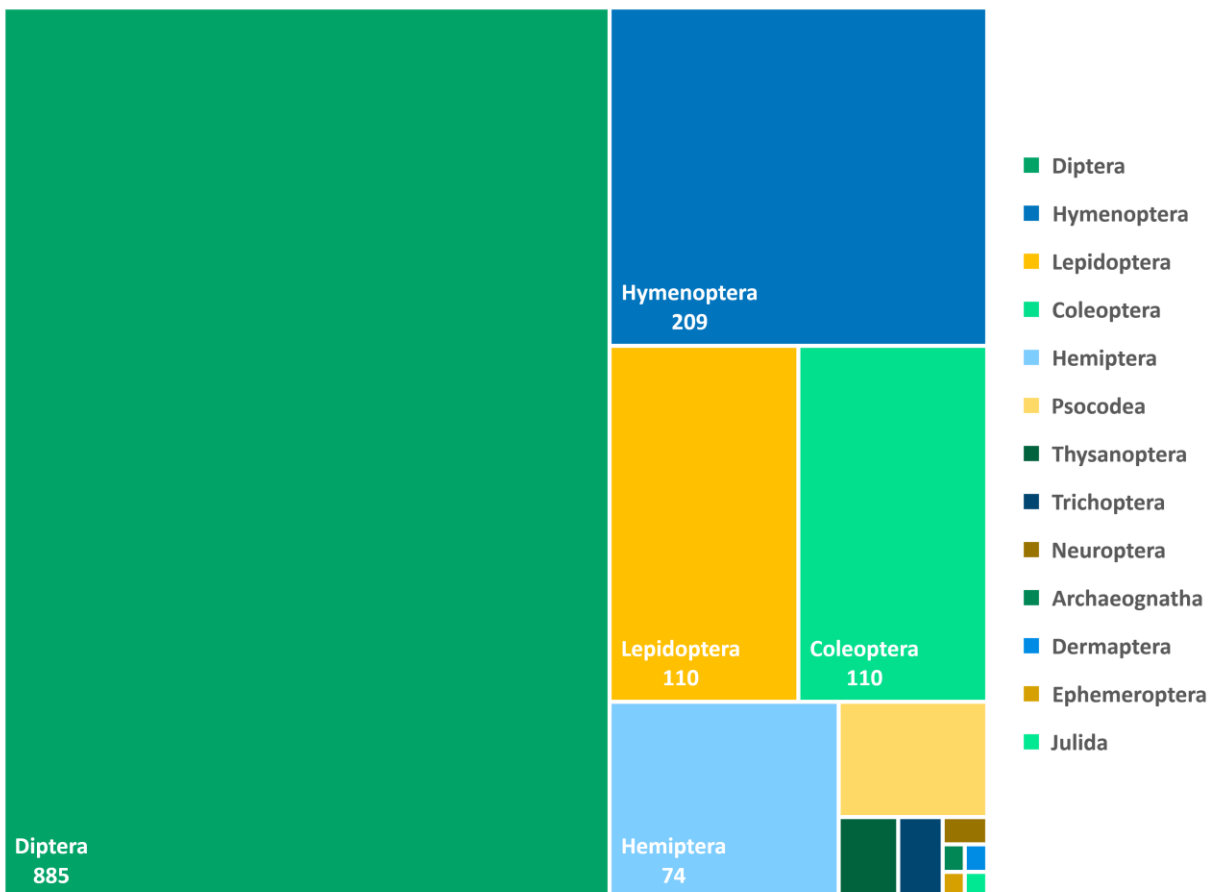


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Mark S. Burnham.