

JAMES N. ALLAN PROVINCIAL PARK

One Malaise trap was deployed at James N. Allan Provincial Park in 2014 (42.84962, -79.66397, 175m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 28 – September 15, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 2013 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, 647 arthropod species were named, representing 35.1% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 69.7% were assigned to a genus (Appendix 2). Specimens collected from James N. Allan represent 189 different families and 676 genera.



Figure 1. Malaise trap deployed at James N. Allan Provincial Park in 2014.

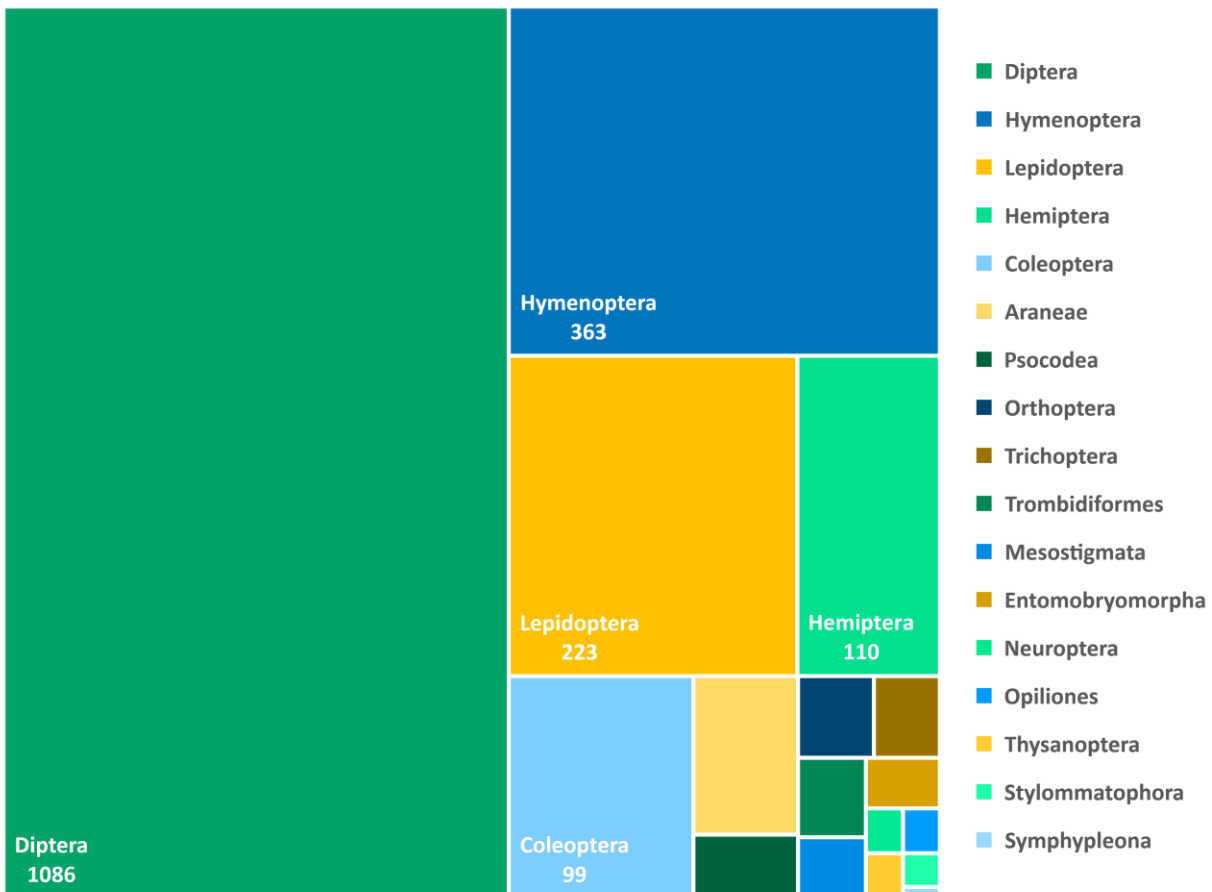


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at James N. Allan.