

HOLLAND LANDING PRAIRIE PROVINCIAL PARK

One Malaise trap was deployed at Holland Landing Prairie Provincial Park in 2014 (44.11894, -79.48795, 271m ASL; Figure 1). This trap collected arthropods for twenty weeks from May 1 – September 22, 2014. All 10 Malaise trap samples were processed using the bulk sample analysis protocol. A total of 2345 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, 544 arthropod species were named, representing 26.1% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 60.5% were assigned to a genus (Appendix 2). Specimens collected from Holland Landing Prairie represent 165 different families and 623 genera.



Figure 1. Malaise trap deployed at Holland Landing Prairie Provincial Park in 2014.

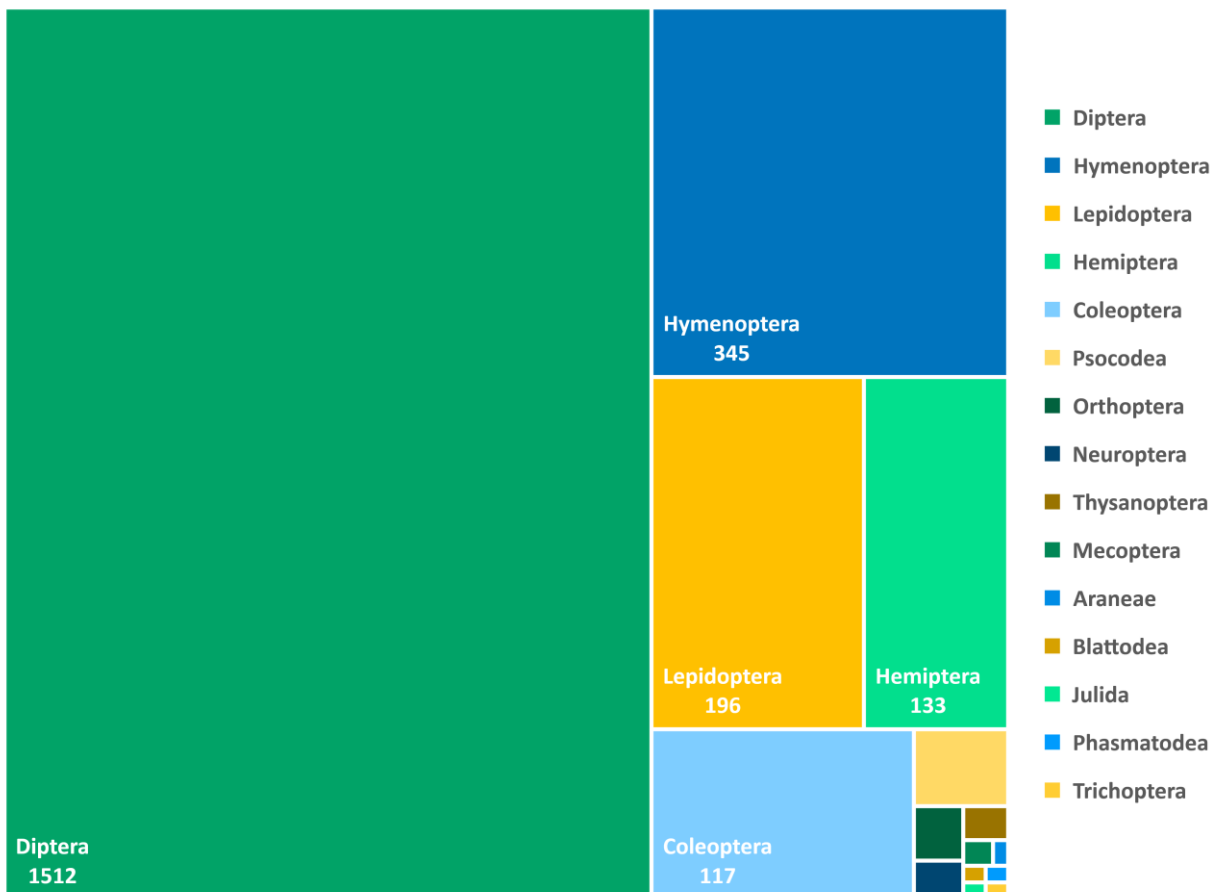


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Holland Landing Prairie.