

PINERY PROVINCIAL PARK

One Malaise trap was deployed at Pinery Provincial Park in 2014 (43.26987, -81.82706, 178m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 30 – September 17, 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 1894 BINs were obtained.

Half of the BINs captured were flies (Diptera), followed by bees, ants and wasps (Hymenoptera), moths and butterflies (Lepidoptera), and beetles (Coleoptera; Figure 2). In total, 956 arthropod species were named, representing 29.3% of the BINs from the site (Appendix 1). All but 3 of the BINs were assigned at least to family, and 63.6% were assigned to a genus (Appendix 2). Specimens collected from Pinery represent 215 different families and 743 genera.



Figure 1. Malaise trap deployed at Pinery Provincial Park in 2014.

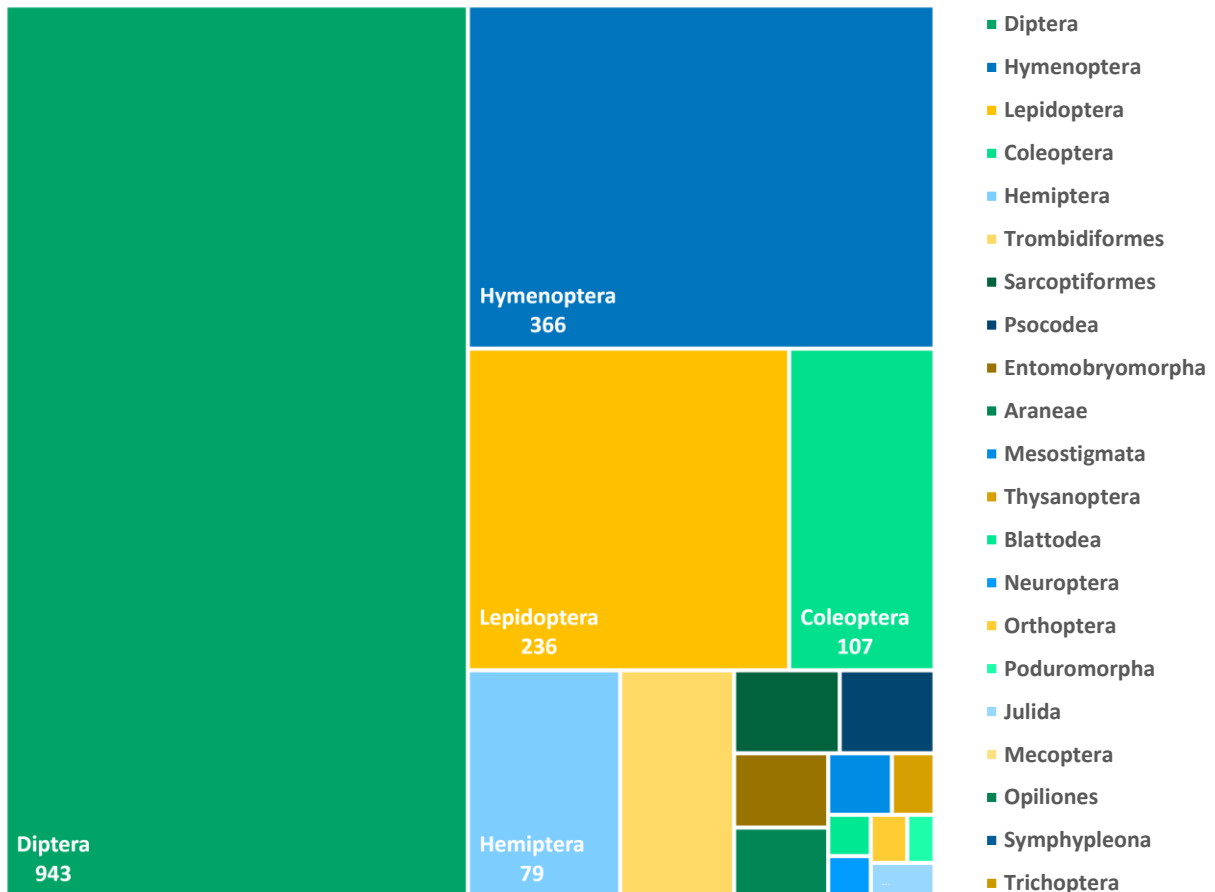


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Pinery.