

PRETTY RIVER VALLEY PROVINCIAL PARK

One Malaise trap was deployed at Pretty River Valley Provincial Park in 2014 (44.41232, -80.30035, 340m 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 3534 BINs were obtained.

Nearly 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, 942 arthropod species were named, representing 29.7% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 64.9% were assigned to a genus (Appendix 2). Specimens collected from Pretty River Valley represent 238 different families and 947 genera.



Figure 1. Malaise trap deployed at Pretty River Valley Provincial Park in 2014.

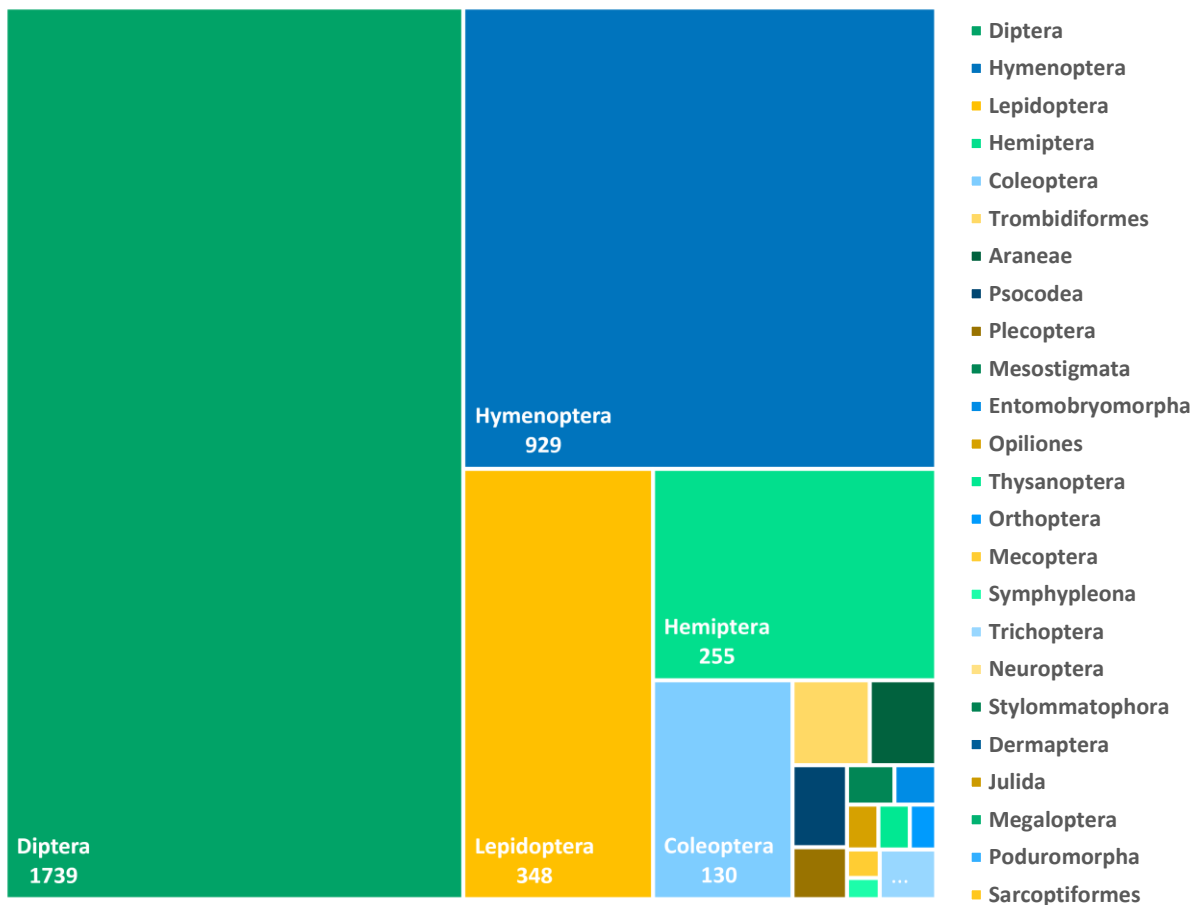


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Pretty River Valley.