

RONDEAU PROVINCIAL PARK

One Malaise trap was deployed at Rondeau Provincial Park in 2014 (42.30206, -81.85306, 239m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 29 – September 16, 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 1248 BINs were obtained.



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

Over half the BINs captured were flies (Diptera), followed by bees, ants and wasps (Hymenoptera), true bugs (Hemiptera), and moths and butterflies (Lepidoptera; Figure 2). In total, 303 arthropod species were named, representing 26.6% of the BINs from the site (Appendix 1). All but 1 of the BINs were assigned at least to family, and 55.3% were assigned to a genus (Appendix 2). Specimens collected from Rondeau represent 191 different families and 380 genera.

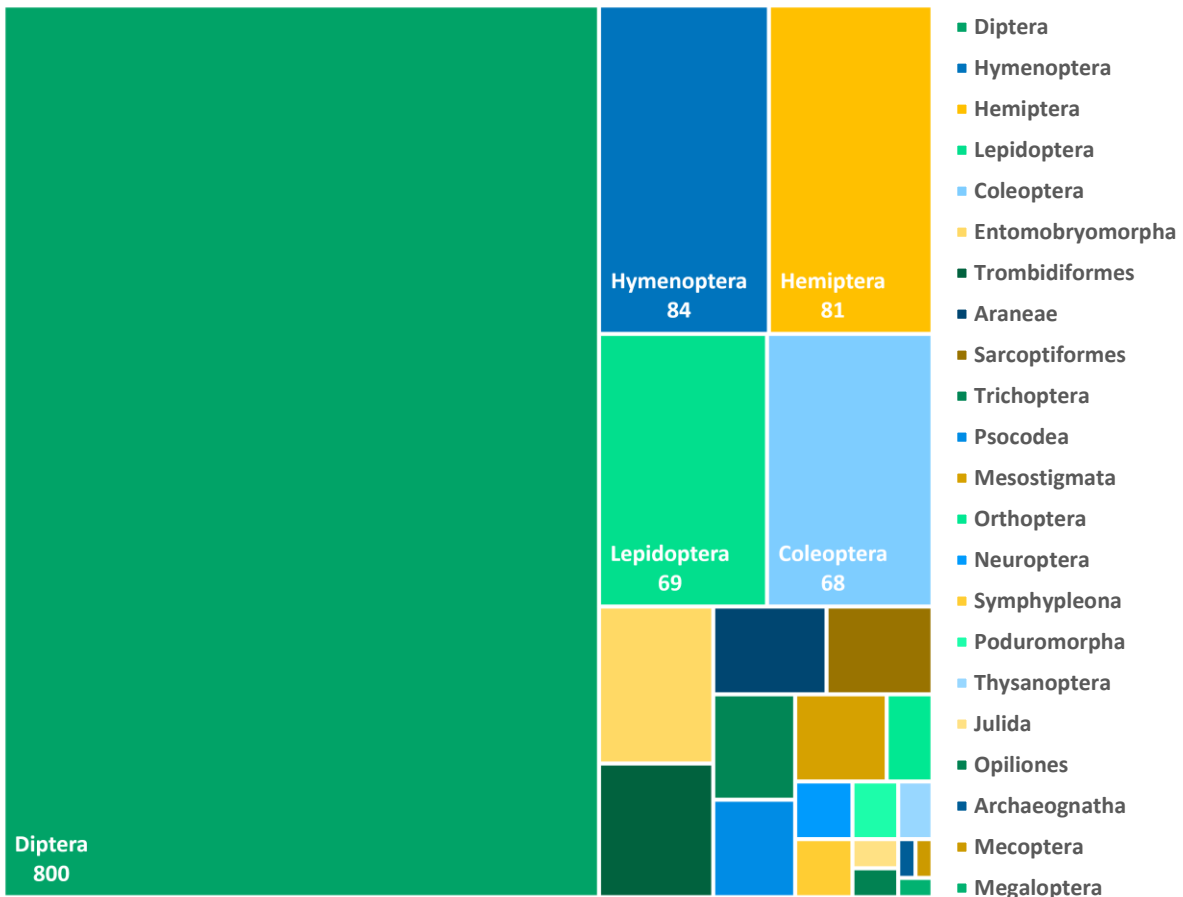


Figure 2. Taxonomy breakdown of BINs captured in the Malaise trap at Rondeau.