

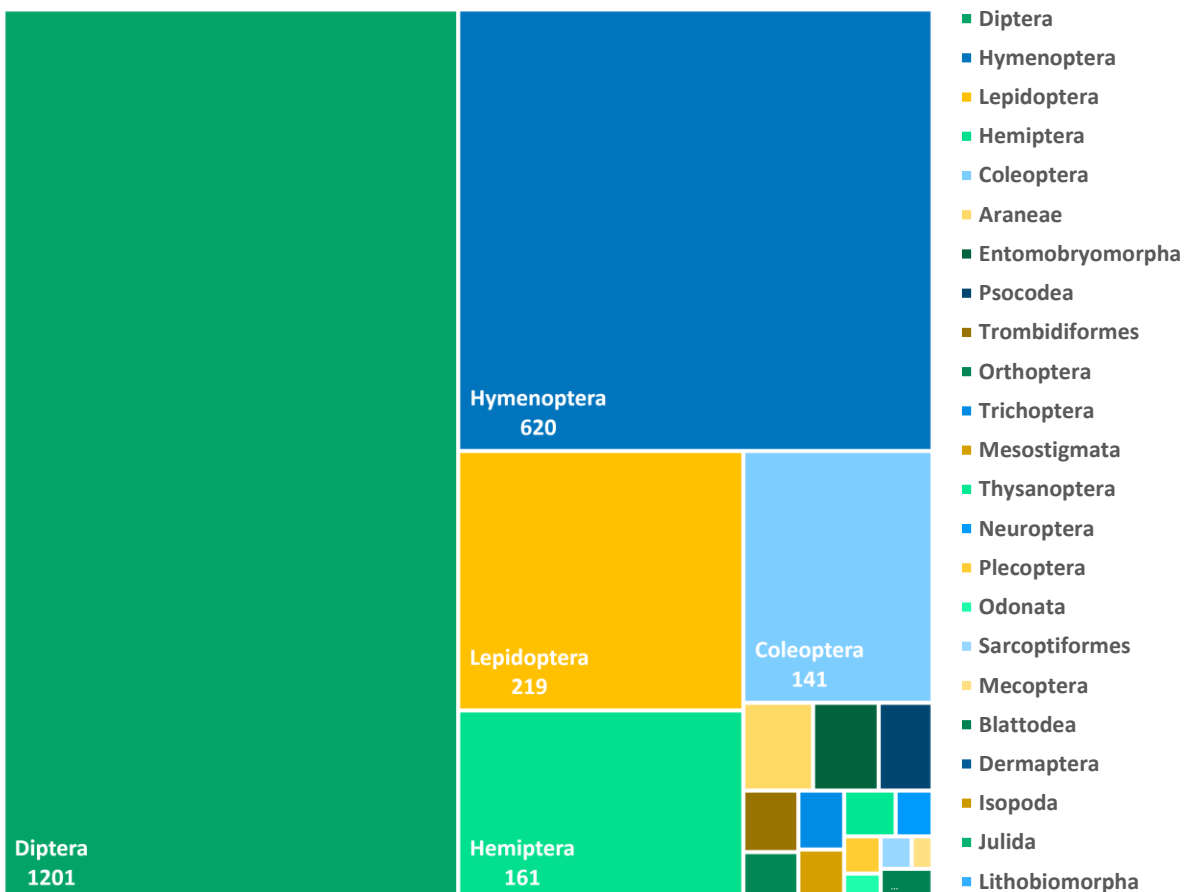
## SHORT HILLS PROVINCIAL PARK

One Malaise trap was deployed at Short Hills Provincial Park in 2014 (43.11288, -79.27376, 94m ASL; Figure 1). This trap collected arthropods for twenty weeks from April 28 – September 15, 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 2453 BINs were obtained.

Approximately half of 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, 712 arthropod species were named, representing 31.9% of the BINs from the site (Appendix 1). All the BINs were assigned at least to family, and 66.3% were assigned to a genus (Appendix 2). Specimens collected from Short Hills represent 231 different families and 810 genera.



**Figure 1.** Malaise trap deployed at Short Hills Provincial Park in 2014.



**Figure 2.** Taxonomy breakdown of BINs captured in the Malaise trap at Short Hills.