ABSTRACT

RESEARCH PAPER: An arthropod taxa list for Ball State University Christy Woods

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Ball State University’s Christy Woods is an educational and recreational space that is used to bring the Ball State and Muncie community closer to nature. Its programming has focused on land management for plant species. This paper compiles a species list for the arthropods present on the property in the summer of 2019 by identifying specimens collected using the standard collection method of Yellow Pan Traps. The collected specimens include Orders Araneae, Coleoptera, Collembola, Diptera, Hemiptera, Hymenoptera, Isopoda, Lepidoptera, Opiliones, Orthoptera, Thysanoptera, and Trombidiformes. This includes species which are pollinators, detritovores, vectors, parasitoids, and more. Of the 369 specimens identified, 149 were identified as distinctly different species. Further detailed identification of the more cryptic of these specimens would likely increase that number. Dipterans and Hymenopterans were the most well represented of the orders, with over 200 individuals collected. Repeated collection and identification events at different times of year could also continue to add to the existing taxa list.