

Appendix S8. Metadata for *Fine-scale environmental heterogeneity and spatial niche partitioning among spring-flowering forest herbs*

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List of files:

AppendixS9_mcgilvra_2019_herb_data.csv

AppendixS10_mcgilvra_2019_soil_data.csv

AppendixS11_mcgilvra_2019_tree_data.csv

AppendixS12_mcgilvra_2019_r_script.R

Description: Data and scripts for analyzing 2019 study of herbaceous plant distributions at McGilvra Woods State Natural Area. Herbaceous plant distributions, tree distributions, and soil depth data were collected within a 50 x 50 meter plot at McGilvra Woods State Natural Area (Sauk County, WI). Descriptions of metadata are provided for each data file below. The provided R script documents analyses described in our manuscript.

AppendixS9_mcgilvra_herb_data.csv

site: location where herbs were mapped

species: Species of the focal plant

x: X-coordinate (Easting) of focal plant (in meters)

y: Y-coordinate (Northing) of focal plant (in meters)

distance.to.tree.m: Distance to the nearest tree (in meters)

soil.depth.cm: Soil depth at base of focal plant (estimated to nearest cm using 2.6 mm wire probe, maximum 50 cm)

AppendixS10_mcgilvra_soil_data.csv

site: location where which soil data was collected

x: X-coordinate (Easting) of reference point (in meters)

y: Y-coordinate (Northing) of reference point (in meters)

soil.depth.cm: Soil depth at reference x-y coordinate (estimated to nearest cm using 2.6 mm wire probe, maximum 50 cm)

AppendixS11_mcgilvra_tree_data.csv

site: location at which trees were surveyed

year: year in which trees were mapped

species: species of focal tree

basal.area.cm2: basal area of focal tree (square centimeters) at breast height (1.3 m)

x: X-coordinate (Easting) of focal tree (in meters)

y: Y-coordinate (Northing) of focal tree (in meters)