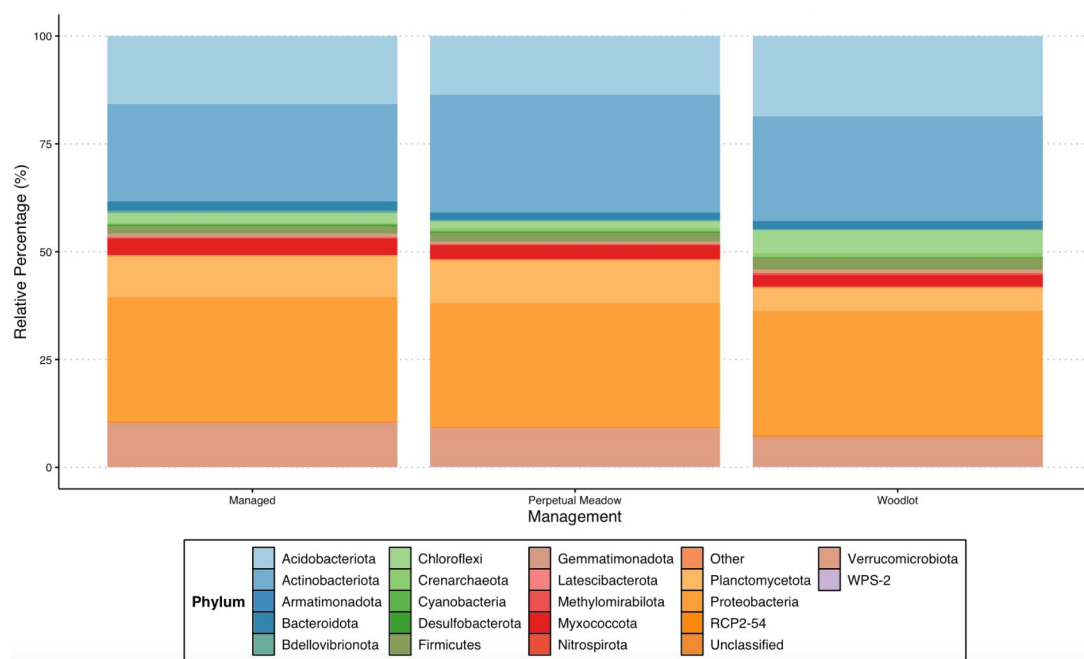
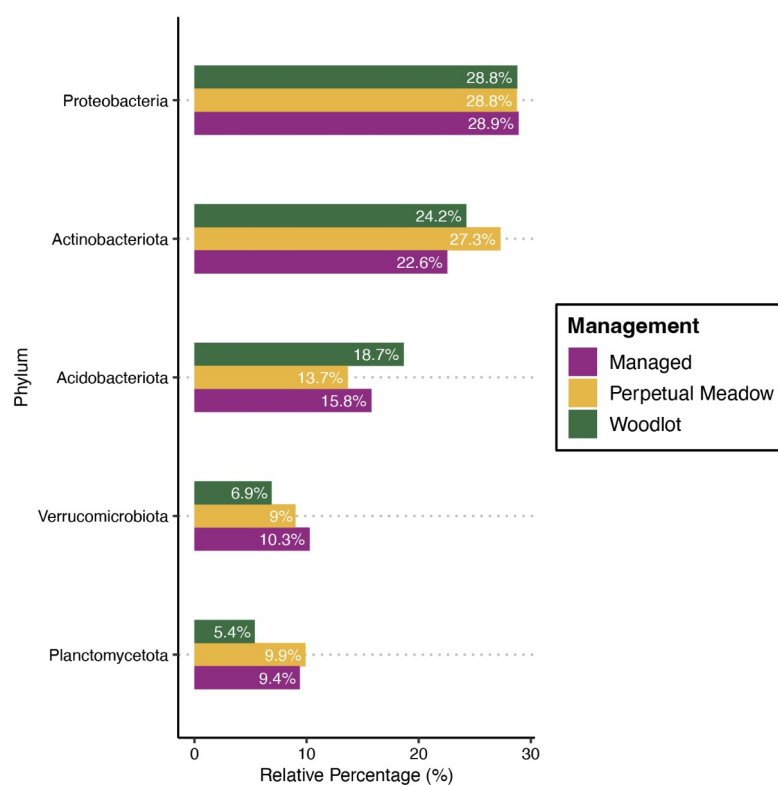


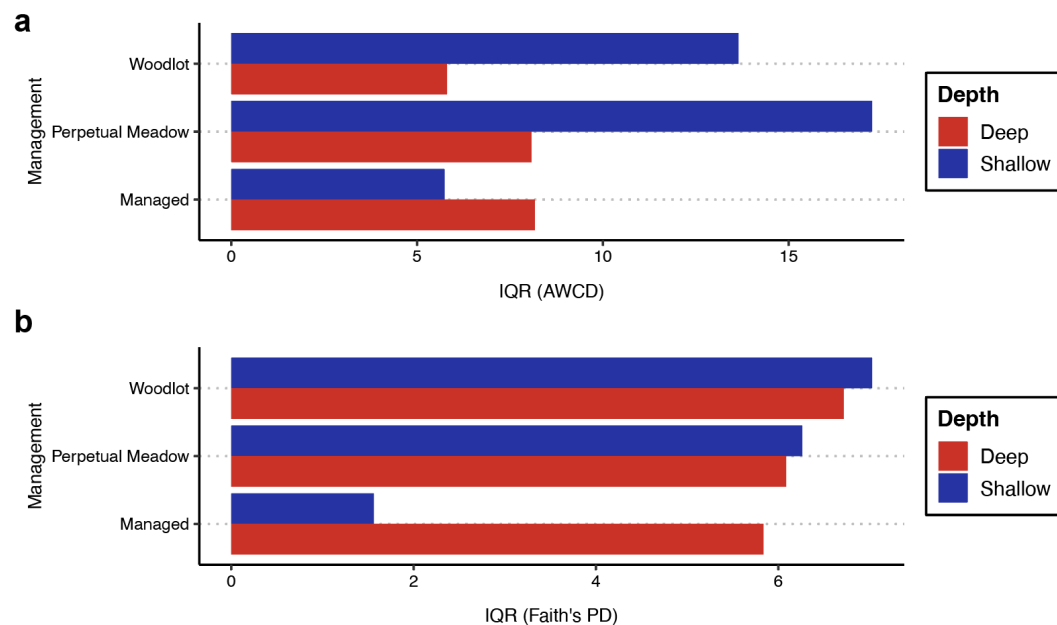
8 Supplemental Figures



Supplemental Figure 1. Relative percentage (%) abundance of phyla between differing management practices, such as unmanaged woodlot, perpetual meadow, and managed at the Green-Wood Cemetery.



Supplemental Figure 2. Relative percentage (%) of phylum located in the soil of the different management styles. Proteobacteria, Actinobacteriota, Acidobacteriota, Verrucomicrobiota, and Planctomycetota are the top phyla within the samples.



Supplemental Figure 3. Interquartile Range (IQR) for **a)** AWCD and **b)** Faith's PD for the different management styles and depths.

Supplemental Table 1. Multiple comparisons, a Tukey HSD output table, with AWCD as the dependent variable, comparing management groups.

Management	Management	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Managed	Perpetual Meadow	2.810	1.476	.143	-.7001	6.321
	Woodlot	-2.529	1.476	.205	-6.040	.9810
Perpetual Meadow	Managed	-2.810	1.476	.143	-6.321	.7001
	Woodlot	-5.340*	1.486	.001	-8.874	-1.805
Woodlot	Managed	2.529	1.476	.205	-.9810	6.040
	Perpetual Meadow	5.340*	1.486	.001	1.805	8.874

Based on observed means.

The error term is Mean Squared (error) = 39.765.

*. The mean difference is significant at the 0.05 level.

Supplemental Table 2. Test of Between-Subjects Effects with the dependent variable being AWCD.

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	1152.455 ^a	5	230.491	5.796	<.001	.220
Intercept	9535.021	1	9535.021	239.783	<.001	.700
Management	513.447	2	256.723	6.456	.002	.111

Depth	538.274	1	538.274	6.456	<.001	.116
Management * Depth	99.988	2	49.994	13.536	.289	.024
Error	4095.809	103	39.765	1.257		
Total	14831.192	109				
Corrected Total	5248.264	108				

a. R Squared = .220 (Adjusted R Squared = .182)