

Rapai et al. 2016 Supplementary Tables

Table S1. Results of the permutation based ANOVA for treatment effect on hyphal, vesicular and arbuscular root colonization, as well as plant biomass. ^ZThe asterisk indicates a statistically significant effect ($p > 0.05$).

Effect	DF	Hyphal <i>p</i>-value	Vesicular <i>p</i>-value	Arbuscular <i>p</i>-value	Biomass <i>p</i>-value
<i>Plant Community</i>					
Autoclaved	1	0.941	1	0.18	0.022*
AMF	2	0.001*	0.001*	0.001*	0.001*
Peat	1	0.096	0.005*	1	0.005*
Species	2	0.364	0.153	0.035*	0.001*
Peat:AMF	2	0.031*	0.002*	0.947	0.157
Autoclaved:Peat	1	0.182	0.462	0.033*	0.009*
Autoclaved:AMF	2	1	0.009*	0.001*	0.098
<i>Cornus canadensis</i>					
Autoclaved	1	0.223	0.103	0.725	0.745
AMF	2	0.001*	0.001*	0.001*	0.001*
Peat	1	0.745	0.082	0.29	0.09
Peat:AMF	2	0.36	0.357	0.562	0.265
Autoclaved:Peat	1	0.001*	0.007*	0.025*	1
Autoclaved:AMF	2	0.289	0.06	0.961	0.761
<i>Eurybia macrophylla</i>					
Autoclaved	1	0.284	0.564	0.638	0.48
AMF	2	0.001*	0.001*	0.001*	0.001*
Peat	1	0.458	0.706	0.804	0.001*
Peat:AMF	2	0.038*	0.087	1	0.025*
Autoclaved:Peat	1	0.001*	0.005*	0.081	0.016*
Autoclaved:AMF	2	0.784	0.026	0.154	0.7
<i>Fragaria virginiana</i>					
Autoclaved	1	0.94	0.594	0.103	0.001*
AMF	2	0.001*	0.001*	0.001*	0.001*
Peat	1	0.51	0.151	0.824	0.039*
Peat:AMF	2	0.568	0.043*	0.98	0.07
Autoclaved:Peat	1	1	0.161	0.706	0.005*
Autoclaved:AMF	2	1	0.11	0.029*	0.002*

Table S2. Results of Wilcoxon tests for direct comparisons of treatment means of interest. ^ZThe asterisk indicates a statistically significant effect ($p > 0.05$).

Species	Parameter	Hyphal	Vesicular	Arbuscular
		<i>p</i> -value	<i>p</i> -value	<i>p</i> -value
Plant Community	ComAM vs. IndAM	*0.013	*0.001	0.656
	ComAM vs. ComAM+P	0.161	*0.022	0.505
	ComAM vs. IndAM+P	*0.011	*0.001	0.696
	IndAM vs. ComAM+P	0.08	*0.022	0.259
	IndAM vs. IndAM+P	0.202	0.214	1
	ComAM+P vs. IndAM+P	0.225	*0.004	0.32
<i>Eurybia macrophylla</i>	ComAM vs. IndAM	*0.048	*0.01	0.876
	ComAM vs. ComAM+P	0.142	0.125	0.596
	ComAM vs. IndAM+P	0.07	*0.014	0.669
	IndAM vs. ComAM+P	0.083	*0.019	0.689
	IndAM vs. IndAM+P	0.075	0.206	0.594
	ComAM+P vs. IndAM+P	0.842	0.243	0.391
<i>Cornus canadensis</i>	ComAM vs. IndAM	1	0.2	0.8
	ComAM vs. ComAM+P	*0.044	*0.032	*0.032
	ComAM vs. IndAM+P	0.2	0.8	0.8
	IndAM vs. ComAM+P	0.086	0.055	0.55
	IndAM vs. IndAM+P	1	0.333	1
	ComAM+P vs. IndAM+P	0.08	0.055	0.055
<i>Fragaria virginiana</i>	ComAM vs. IndAM	*0.02	*0.038	0.959
	ComAM vs. ComAM+P	*0.001	*0.006	*0.003
	ComAM vs. IndAM+P	0.135	*0.002	0.359
	IndAM vs. ComAM+P	0.133	0.468	*0.003
	IndAM vs. IndAM+P	0.736	0.309	0.311
	ComAM+P vs. IndAM+P	0.237	0.782	0.101

Species	Parameter	Biomass
		<i>p</i> -value
Plant Community	A+OVB vs. A+ComAM	0.483
	A+OVB vs. A+IndAM	*0.003
	A+OVB vs. A+P	*0.003
	A+OVB vs. A+ComAM+P	*0.005
	A+OVB vs. A+IndAM+P	*0.0134
	A+OVB vs. OVB	*0.002
	A+OVB vs. ComAM	*0.002
	A+OVB vs. IndAM	*0.009
	A+OVB vs. P	*0.001
	A+OVB vs. ComAM+P	*0.01
	A+OVB vs. IndAM+P	*0.003
	OBV vs. A+ComAM	*0.005
	OBV vs. A+IndAM	0.151
	OBV vs. A+P	*0.032

OBV vs. A+ComAM+P	*0.026
OBV vs. A+IndAM+P	*0.01
OBV vs. ComAM	0.163
OBV vs. IndAM	0.77
OBV vs. P	0.229
OBV vs. ComAM+P	*0.035
OBV vs. IndAM+P	*0.008
A+ComAM vs. A+IndAM	*0.023
A+ComAM vs.	
A+ComAM+P	*0.048
A+ComAM vs. A+IndAM+P	0.316
A+ComAM vs. ComAM	*0.012
A+ComAM vs. IndAM	*0.018
A+ComAM vs. ComAM+P	0.659
A+ComAM vs. IndAM+P	0.777
A+IndAM vs. A+ComAM+P	0.441
A+IndAM vs. A+IndAM+P	0.051
A+IndAM vs. ComAM	0.884
A+IndAM vs. IndAM	0.278
A+IndAM vs. ComAM+P	0.755
A+IndAM vs. IndAM+P	0.284
A+ComAM+P vs.	
A+IndAM+P	0.125
A+ComAM+P vs. ComAM	0.371
A+ComAM+P vs. IndAM	0.087
A+ComAM+P vs.	
ComAM+P	0.109
A+ComAM+P vs. IndAM+P	0.246
A+IndAM+P vs. ComAM	*0.031
A+IndAM+P vs. IndAM	0.051
A+IndAM+P vs. ComAM+P	0.414
A+IndAM+P vs. IndAM+P	0.644
ComAM vs. IndAM	0.358
ComAM vs. ComAM+P	0.158
ComAM vs. IndAM+P	0.647
IndAM vs. ComAM+P	0.708
IndAM vs. IndAM+P	0.169
ComAM+P vs. IndAM+P	0.678

		Biomass
Species	Parameter	<i>p</i>-value
<i>Eurybia macrophylla</i>	A+OVB vs. A+ComAM	0.901
	A+OVB vs. A+IndAM	0.526
	A+OVB vs. A+P	0.526
	A+OVB vs. A+ComAM+P	0.116
	A+OVB vs. A+IndAM+P	0.116
	A+OVB vs. OVB	0.914
	A+OVB vs. ComAM	*0.008
	A+OVB vs. IndAM	0.249
	A+OVB vs. P	0.346
	A+OVB vs. ComAM+P	0.526

A+OVB vs. IndAM+P	*0.008
OBV vs. A+ComAM	0.502
OBV vs. A+IndAM	0.504
OBV vs. A+P	1
OBV vs. A+ComAM+P	0.067
OBV vs. A+IndAM+P	0.067
OBV vs. ComAM	*0.035
OBV vs. IndAM	0.161
OBV vs. P	0.526
OBV vs. ComAM+P	0.373
OBV vs. IndAM+P	*0.02
A+ComAM vs. A+IndAM	0.898
A+ComAM vs. A+ComAM+P	0.105
A+ComAM vs. A+IndAM+P	0.105
A+ComAM vs. ComAM	0.176
A+ComAM vs. IndAM	0.901
A+ComAM vs. ComAM+P	0.701
A+ComAM vs. IndAM+P	0.065
A+IndAM vs. A+ComAM+P	0.091
A+IndAM vs. A+IndAM+P	0.091
A+IndAM vs. ComAM	0.094
A+IndAM vs. IndAM	0.4
A+IndAM vs. ComAM+P	0.829
A+IndAM vs. IndAM+P	*0.036
A+ComAM+P vs. A+IndAM+P	0.753
A+ComAM+P vs. ComAM	0.31
A+ComAM+P vs. IndAM	0.116
A+ComAM+P vs. ComAM+P	0.29
A+ComAM+P vs. IndAM+P	0.841
A+IndAM+P vs. ComAM	0.31
A+IndAM+P vs. IndAM	0.116
A+IndAM+P vs. ComAM+P	0.29
A+IndAM+P vs. IndAM+P	0.841
ComAM vs. IndAM	0.151
ComAM vs. ComAM+P	0.675
ComAM vs. IndAM+P	0.222
IndAM vs. ComAM+P	1
IndAM vs. IndAM+P	0.057
ComAM+P vs. IndAM+P	0.142

		Biomass
Species	Parameter	p-value
<i>Cornus canadensis</i>	A+OVB vs. A+ComAM	0.171
	A+OVB vs. A+IndAM	*0.021
	A+OVB vs. A+P	1
	A+OVB vs. A+ComAM+P	0.389
	A+OVB vs. A+IndAM+P	1
	A+OVB vs. OVB	1

A+OVB vs. ComAM	*0.012
A+OVB vs. IndAM	*0.021
A+OVB vs. P	0.295
A+OVB vs. ComAM+P	*0.012
A+OVB vs. IndAM+P	0.518
OBV vs. A+ComAM	0.171
OBV vs. A+IndAM	0.16
OBV vs. A+P	1
OBV vs. A+ComAM+P	0.389
OBV vs. A+IndAM+P	1
OBV vs. ComAM	*0.012
OBV vs. IndAM	*0.021
OBV vs. P	0.402
OBV vs. ComAM+P	*0.012
OBV vs. IndAM+P	0.666
A+ComAM vs. A+IndAM	0.905
A+ComAM vs. A+ComAM+P	0.901
A+ComAM vs. A+IndAM+P	0.798
A+ComAM vs. ComAM	0.73
A+ComAM vs. IndAM	0.905
A+ComAM vs. ComAM+P	0.905
A+ComAM vs. IndAM+P	0.383
A+IndAM vs. A+ComAM+P	1
A+IndAM vs. A+IndAM+P	0.29
A+IndAM vs. ComAM	0.69
A+IndAM vs. IndAM	0.69
A+IndAM vs. ComAM+P	1
A+IndAM vs. IndAM+P	0.209
A+ComAM+P vs. A+IndAM+P	0.504
A+ComAM+P vs. ComAM	0.834
A+ComAM+P vs. IndAM	1
A+ComAM+P vs. ComAM+P	1
A+ComAM+P vs. IndAM+P	0.666
A+IndAM+P vs. ComAM	0.398
A+IndAM+P vs. IndAM	0.398
A+IndAM+P vs. ComAM+P	0.526
A+IndAM+P vs. IndAM+P	1
ComAM vs. IndAM	0.69
ComAM vs. ComAM+P	0.421
ComAM vs. IndAM+P	0.094
IndAM vs. ComAM+P	1
IndAM vs. IndAM+P	0.295
ComAM+P vs. IndAM+P	0.094

		Biomass
Species	Parameter	p-value
<i>Fragaria virginiana</i>	A+OVB vs. A+ComAM	0.32
	A+OVB vs. A+IndAM	0.173

A+OVB vs. A+P	0.222
A+OVB vs. A+ComAM+P	*0.016
A+OVB vs. A+IndAM+P	0.173
A+OVB vs. OVB	0.421
A+OVB vs. ComAM	*0.008
A+OVB vs. IndAM	0.463
A+OVB vs. P	0.69
A+OVB vs. ComAM+P	0.463
A+OVB vs. IndAM+P	*0.032
OBV vs. A+ComAM	0.064
OBV vs. A+IndAM	0.22
OBV vs. A+P	0.841
OBV vs. A+ComAM+P	*0.032
OBV vs. A+IndAM+P	0.31
OBV vs. ComAM	*0.008
OBV vs. IndAM	0.841
OBV vs. P	0.548
OBV vs. ComAM+P	0.841
OBV vs. IndAM+P	0.064
A+ComAM vs. A+IndAM	0.19
A+ComAM vs. A+ComAM+P	0.286
A+ComAM vs. A+IndAM+P	0.905
A+ComAM vs. ComAM	0.413
A+ComAM vs. IndAM	0.111
A+ComAM vs. ComAM+P	0.556
A+ComAM vs. IndAM+P	0.343
A+IndAM vs. A+ComAM+P	0.095
A+IndAM vs. A+IndAM+P	0.463
A+IndAM vs. ComAM	0.222
A+IndAM vs. IndAM	0.753
A+IndAM vs. ComAM+P	1
A+IndAM vs. IndAM+P	0.905
A+ComAM+P vs. A+IndAM+P	0.151
A+ComAM+P vs. ComAM	0.151
A+ComAM+P vs. IndAM	0.056
A+ComAM+P vs. ComAM+P	0.095
A+ComAM+P vs. IndAM+P	0.19
A+IndAM+P vs. ComAM	0.69
A+IndAM+P vs. IndAM	0.346
A+IndAM+P vs. ComAM+P	0.753
A+IndAM+P vs. IndAM+P	0.556
ComAM vs. IndAM	*0.032
ComAM vs. ComAM+P	0.69
ComAM vs. IndAM+P	0.286
IndAM vs. ComAM+P	0.753
IndAM vs. IndAM+P	0.413
ComAM+P vs. IndAM+P	0.905
