

Table S3: Tukey post hoc test results. Tukey results indicated significant differences ($p < 0.05$) among GPP reduction values of conifer, broad-leaf deciduous and evergreen species for all considered years. Bold indicates significance at $p < 0.05$.

GPP reduction 2000	Broad-leaf deciduous	Conifers	Broad-leaf evergreen	GPP reduction 2006	Broad-leaf deciduous	Conifers	Broad-leaf evergreen
Broad-leaf deciduous		0.000022	0.000022	Broad-leaf deciduous		0.000022	0.000022
Conifers	0.000022		0.000444	Conifers	0.000022		0.000039
Broad-leaf evergreen	0.000022	0.000444		Broad-leaf evergreen	0.000022	0.000039	
GPP reduction 2001	Broad-leaf deciduous	Conifers	Broad-leaf evergreen	GPP reduction 2007	Broad-leaf deciduous	Conifers	Broad-leaf evergreen
Broad-leaf deciduous		0.000022	0.000022	Broad-leaf deciduous		0.000022	0.000022
Conifers	0.000022		0.000022	Conifers	0.000022		0.000027
Broad-leaf evergreen	0.000022	0.000022		Broad-leaf evergreen	0.000022	0.000027	
GPP reduction 2002	Broad-leaf deciduous	Conifers	Broad-leaf evergreen	GPP reduction 2008	Broad-leaf deciduous	Conifers	Broad-leaf evergreen
Broad-leaf deciduous		0.000022	0.000022	Broad-leaf deciduous		0.000022	0.000022
Conifers	0.000022		0.000025	Conifers	0.000022		0.000301
Broad-leaf evergreen	0.000022	0.000025		Broad-leaf evergreen	0.000022	0.000301	
GPP reduction 2003	Broad-leaf deciduous	Conifers	Broad-leaf evergreen	GPP reduction 2009	Broad-leaf deciduous	Conifers	Broad-leaf evergreen
Broad-leaf deciduous		0.000022	0.000022	Broad-leaf deciduous		0.000022	0.000022
Conifers	0.000022		0.000022	Conifers	0.000022		0.015597
Broad-leaf evergreen	0.000022	0.000022		Broad-leaf evergreen	0.000022	0.015597	
GPP reduction 2004	Broad-leaf deciduous	Conifers	Broad-leaf evergreen	GPP reduction 2010	Broad-leaf deciduous	Conifers	Broad-leaf evergreen
Broad-leaf deciduous		0.000022	0.000022	Broad-leaf deciduous		0.000022	0.000022
Conifers	0.000022		0.000022	Conifers	0.000022		0.000051
Broad-leaf evergreen	0.000022	0.000022		Broad-leaf evergreen	0.000022	0.000051	
GPP reduction 2005	Broad-leaf deciduous	Conifers	Broad-leaf evergreen				
Broad-leaf deciduous		0.000022	0.000022				
Conifers	0.000022		0.000022				
Broad-leaf evergreen	0.000022	0.000022					