

Yang, Q., Li, B. and Siemann, E. 2014. Positive and negative biotic interactions and invasive *Triadica sebifera* tolerance to salinity: a cross-continent comparative study. – Oikos doi: 10.1111/oik.01552

Appendix 1

Table A1. The geographical locations of *Triadica sebifera* populations from the native (China) and introduced (USA) ranges that were used in this study.

Native populations from China			
ID	Site of seed collection	Longitude	Latitude
C-AH-1	Bengbu, Anhui	32°57'N	117°20'E
C-AH-2	Daweizhen, Sichuan	29°20'N	103°17'E
C-GX-1	Guilin, Guangxi	25°15'N	110°21'E
C-GZ-2	Xingyi, Guizhou	25°07'N	104°53'E
C-HB-1	Wuhan, Hubei	31°03'N	115°25'E
C-HB-2	Sikeshuxiang, Hubei	33°18'N	112°21'E
C-JX-1	Nanjing, Jiangsu	32°05'N	118°47'E
C-HN-1	Guniushanxiang, Hunan	28°31'N	111°15'E
C-SH-1	Chongming Island, Shanghai	31°38'N	121°33'E
Invasive populations from USA			
ID	Site of seed collection	Longitude	Latitude
U-AL-1	Tillman's Corner, Alabama	30°35'N	88°09'W
U-FL-2	Gainesville, Florida	29°35'N	82°21'W
U-GA-1	Hutchinson Island, Georgia	32°06'N	81°06'W
U-LA-1	Lake Charles, Louisiana	30°14'N	93°09'W
U-LA-2	Lafayette, Louisiana	30°15'N	92°01'W
U-LA-5	Pumpkin Center, Louisiana	30°28'N	90°32'W
U-MS-1	Moss Point, Mississippi	30°26'N	88°31'W
U-SC-1	Limehouse, South Carolina	32°09'N	81°06'W
U-TX-1	Houston, Texas	29°47'N	95°02'W
U-TX-3	Jones Creek, Texas	28°58'N	95°27'W
U-TX-5	Port Arthur, Texas	29°53'N	94°02'W

Table A2. The dependence of *Triadica sebifera* seedling survival time, mass, R:S, and mycorrhizal colonization on experimental treatments in an ANOVA. Effects were: venue – continent where garden was located; origin – population from US or China; sterile (control, sterilized); clip – simulated aboveground herbivore treatment (control, leaf clipping); saline – soil salinity treatment (control, low salinity, high salinity). Significant results are in bold.

Effect	Survival time			Mass			R:S			Mycorrhizal colonization		
	DF	F	p	DF	F	p	DF	F	p	DF	F	p
venue	1,1021	167.37	<0.0001	1,462	7.94	<0.01	1,462	7.94	<0.01	1,454	19.89	<0.0001
origin	1,18	3.11	0.09	1,18	3.86	0.07	1,18	3.86	0.07	1,18	2.76	0.11
clip	1,1021	34.82	<0.0001	1,462	5.75	<0.05	1,462	5.75	<0.05	1,454	0.29	0.59
sterile	1,1021	1.19	0.28	1,462	0.20	0.68	1,462	0.20	0.66	1,454	26.47	<0.0001
saline	2,1021	660.08	<0.0001	2,462	71.21	<0.0001	2,462	71.21	<0.0001	2,454	2.59	0.08
venue×origin	1,18	5.42	<0.05	1,18	8.10	<0.05	1,18	8.10	<0.05	1,18	6.98	<0.05
venue×clip	1,1021	6.93	<0.01	1,462	1.26	0.27	1,462	1.26	0.26	1,454	0.56	0.45
venue×sterile	1,1021	43.10	<0.0001	1,462	0.25	0.62	1,462	0.25	0.62	1,454	69.65	<0.0001
venue×saline	2,1021	46.38	<0.0001	2,462	0.41	0.67	2,462	0.41	0.67	2,454	2.88	0.06
origin×clip	1,18	0.64	0.43	1,18	1.42	0.25	1,18	1.42	0.25	1,18	7.76	<0.05
origin×sterile	1,18	0.26	0.62	1,18	<0.01	0.95	1,18	<0.01	0.95	1,18	<0.01	0.96
origin×saline	2,36	1.68	0.20	2,36	0.03	0.97	2,36	0.03	0.97	2,36	2.45	0.10
clip×saline	2,1021	15.44	<0.0001	2,462	3.31	<0.05	2,462	3.31	<0.05	2,454	1.50	0.23
sterile×saline	2,1021	2.93	0.05	2,462	0.47	0.62	2,462	0.47	0.62	2,454	0.85	0.43
venue×origin×clip	1,18	0.23	0.64	1,18	1.58	0.23	1,18	1.58	0.23	1,18	10.57	<0.01
venue×origin×sterile	1,18	2.89	0.11	1,18	0.74	0.40	1,18	0.74	0.40	1,18	0.14	0.71
venue×origin×saline	2,36	1.57	0.22	2,36	0.02	0.89	2,36	0.02	0.89	2,36	5.26	<0.05
venue×clip×saline	2,1021	1.74	0.18	2,462	0.05	0.83	2,462	0.05	0.83	2,454	3.14	0.08
venue×sterile×saline	2,1021	24.60	<0.0001	2,462	1.83	0.18	2,462	1.83	0.18	2,454	0.49	0.48
origin×clip×saline	2,36	0.37	0.70	2,36	1.75	0.19	2,36	1.75	0.19	2,36	10.30	<0.01
origin×sterile×saline	2,36	0.63	0.54	2,36	0.25	0.62	2,36	0.25	0.62	2,36	0.78	0.38
venue×origin×clip×saline	2,36	0.47	0.63	2,36	0.83	0.37	2,36	0.83	0.37	2,36	12.37	<0.01
venue×origin×sterile×saline	2,36	2.14	0.13	2,36	0.30	0.59	2,36	0.30	0.59	2,36	1.23	0.27