

Effects of a Large Irrigation Reservoir on Aquatic and Riparian Plants: A History of Survival and Loss

Table S1. Results of chi-square homogeneity tests across functional plant groups were compared between the two periods (pre- and post-dam) and for the three zones (UP=upstream of dam, RES=reservoir; Down=downstream of dam). Number of species and proportions of species are shown. Physiognomy: "Hann"=herbaceous annual, "Hper"= Herbaceous perennial, "Wshr"= shrubs and lianas; "Wtre"= trees; Origin/disturbance: "End"=endemic, "Exo"= exotic, "Nat"= native, "Nrud"= Native ruderal; Hydrophily: "Hel"= helophytes; "Hyd"=hydrophytes, "Hyg"=Hygrophytes, "Ter"=terrestrial.

		UP (p.value=0.6149)				RES (p.value=0.674)				DOWN (p.value=0.436)			
		Pre		Post		Pre		Post		Pre		Post	
Hann	47	(39.5%)	35	(37.6%)	53	(46.5%)	35	(51.5%)	44	(39.6%)	32	(34.4%)	
Hper	60	(50.4%)	43	(46.2%)	50	(43.9%)	29	(42.6%)	59	(53.2%)	48	(51.6%)	
Wshr	7	(5.9%)	8	(8.6%)	8	(7%)	2	(2.9%)	6	(5.4%)	9	(9.7%)	
Wtre	5	(4.2%)	7	(7.5%)	3	(2.6%)	2	(2.9%)	2	(1.8%)	4	(4.3%)	
Total	119		93		114		68		111		93		
		UP (p.value=0.933)				RES (p.value=0.856)				DOWN (p.value=0.379)			
		Pre		Post		Pre		Post		Pre		Post	
End	3	(2.5%)	2	(2.2%)	3	(2.5%)	2	(2.2%)	3	(2.7%)	2	(2.2%)	
Exo	12	(10.1%)	12	(12.9%)	12	(10.1%)	12	(12.9%)	11	(9.9%)	10	(10.8%)	
Nat	83	(69.7%)	63	(67.7%)	83	(69.7%)	63	(67.7%)	71	(64%)	68	(73.1%)	
Nrud	21	(17.6%)	16	(17.2%)	21	(17.6%)	16	(17.2%)	26	(23.4%)	13	(14%)	
Total	119		93		119		93		111		93		
		UP (p.value=0.993)				RES (p.value=0.693)				DOWN (p.value=0.524)			
		Pre		Post		Pre		Post		Pre		Post	
Hel	19	(16%)	14	(15.1%)	21	(18.4%)	9	(13.2%)	20	(18%)	16	(17.2%)	
Hyd	7	(5.9%)	6	(6.5%)	5	(4.4%)	5	(7.4%)	9	(8.1%)	4	(4.3%)	
Hyg	42	(35.3%)	32	(34.4%)	44	(38.6%)	28	(41.2%)	42	(37.8%)	43	(46.2%)	
Ter	51	(42.9%)	41	(44.1%)	44	(38.6%)	26	(38.2%)	40	(36%)	30	(32.3%)	
Total	119		93		114		68		111		93		