

Supplementary Table S1. Vegetation characteristics and crayfish burrow densities by site. Averages (SD) of vegetation and cover data from quadrats (or from transects, for trees) at each site and the average number of active and inactive burrow openings per m². Standard deviations calculated from transect means. SWD = small woody debris; LWD = large woody debris; stand. water = standing water; herb_ht = height of tallest herbaceous plant in quadrat; woody_ht = height of tallest woody shrub in quadrat; trees <1.2 m = number of trees shorter than 1.2 m per m of transect length; trees >1.2 m = number of trees taller than 1.2 m per m of transect length.

Site code	Treat- ment	Grass/ forbs (%)	Woody plants (%)	Leaf/ SWD (%)	LWD (%)	Bare soil (%)	Herb_ht (cm)	Woody_ht (cm)	Trees <1.2 m (*m ⁻¹)	Trees >1.2 m (*m ⁻¹)	Active burrow (*m ⁻²)	Inactive burrow (*m ⁻²)
F1C	M	84.1	7.4	0.4	0.0	8.2	83.1	25.0	0.084	0.006	1.70	0.57
		(6.98)	(5.63)	(0.69)	(0.00)	(3.62)	(10.94)	(9.78)	(0.068)	(0.011)	(0.88)	(0.25)
G11NW	M	90.3	0.2	2.1	0.0	7.2	31.4	4.6	0.000	0.000	2.31	1.26
		(6.03)	(0.34)	(3.44)	(0.00)	(5.62)	(6.73)	(6.39)	(0.000)	(0.000)	(1.05)	(0.72)
O20	M	95.2	0.0	0.0	0.0	4.8	33.1	0.0	0.000	0.001	0.83	0.47
		(6.13)	(0.00)	(0.00)	(0.00)	(6.13)	(7.91)	(0.00)	(0.000)	(0.004)	(0.55)	(0.36)
G15S	F	77.8	13.6	0.2	0.1	8.6	101.0	30.4	0.009	0.005	1.01	0.55
		(4.95)	(3.28)	(0.34)	(0.27)	(4.65)	(6.31)	(4.79)	(0.011)	(0.004)	(0.55)	(0.42)
G5N	F	93.0	5.9	0.2	0.0	0.9	90.4	18.3	0.004	0.001	2.57	0.59
		(3.84)	(2.58)	(0.54)	(0.00)	(1.31)	(4.06)	(6.31)	(0.009)	(0.002)	(1.23)	(0.40)
G6N	F	86.0	7.6	0.1	0.0	6.4	95.8	23.6	0.003	0.003	1.48	0.51
		(4.26)	(3.90)	(0.27)	(0.00)	(1.44)	(3.91)	(11.83)	(0.005)	(0.004)	(0.53)	(0.36)
O10SW	F	74.1	12.8	0.6	0.4	12.1	80.9	34.0	0.027	0.005	0.57	0.57
		(13.65)	(7.27)	(0.66)	(0.81)	(7.10)	(10.08)	(5.80)	(0.034)	(0.005)	(0.35)	(0.35)
O16E	F	83.0	11.8	0.2	0.7	4.3	84.9	36.9	0.019	0.008	0.81	0.79
		(5.02)	(3.95)	(0.34)	(1.63)	(2.49)	(8.99)	(2.33)	(0.024)	(0.012)	(0.60)	(0.47)
G11SE	I	42.7	27.6	22.6	0.2	6.7	79.7	91.4	0.039	0.154	0.08	0.34
		(13.64)	(12.48)	(5.46)	(0.34)	(3.60)	(19.25)	(13.79)	(0.053)	(0.060)	(0.10)	(0.19)
O5S	I	18.7	7.3	63.2	0.6	10.4	18.2	70.3	0.000	0.123	0.91	1.05
		(4.17)	(2.83)	(9.54)	(1.07)	(7.64)	(2.47)	(17.70)	(0.000)	(0.054)	(0.70)	(1.33)
O9W	I	65.2	23.1	5.2	0.0	6.4	81.66	56.8	0.059	0.037	0.63	0.55
		(6.00)	(3.79)	(3.33)	(0.00)	(2.91)	(9.25)	(6.09)	(0.047)	(0.055)	(0.30)	(0.42)
O19E	I_M	66.6	14.9	4.7	0.3	13.0	76.6	46.2	0.018	0.022	1.48	0.91
		(12.78)	(9.65)	(5.50)	(0.56)	(2.56)	(10.31)	(20.27)	(0.010)	(0.013)	(0.84)	(0.88)