

Supplementary Material

Carp carcass decomposition and water quality: implications for the release of CyHV-3 as a biocontrol agent for common carp in Australia

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Table S1. Table of nutrient concentrations from the wetland experiment.

Site	Day	Ammonia	Phosphate	DOC	Nitrate	Nitrite	TP	TN	Chl- <i>a</i>	BOD
1	0	0.123	0.033	4.8	0.010	<0.005	0.284	2.02	132.7434	5.518764
1	2	8.96	3.52	28.7	<0.005	0.007	4.15	16.6	247.7876	8.830022
1	4	12.2	3.48	34.7	0.006	<0.005	4.18	21.9	451.3274	9.271523
1	7	36.7	4.83	110.0	<0.005	0.009	6.20	38.9	668.1416	9.271523
1	14	11.4	1.76	98.8	0.005	<0.005	2.71	19.0	712.3894	47.90287
1	21	0.350	0.366	30.2	0.011	<0.005	1.62	13.9	1340.708	51.43488
1	28	0.020	0.619	28.4	0.007	<0.005	2.18	15.7	1446.903	72.18543
1	42	0.013	0.444	27.2	<0.005	<0.005	1.40	8.43	867.2566	57.17439
2	0	0.166	0.027	4.8	0.010	<0.005	0.286	2.10		
2	2	1.59	0.601	13.3	0.006	0.005	1.32	6.89		
2	4	1.71	0.659	16.8	0.005	0.006	1.40	9.79		
2	7	8.53	1.28	24.0	0.008	<0.005	3.01	19.5		
2	14	5.83	0.987	192.0	0.008	0.006	2.29	13.8		
2	21	0.028	0.315	22.2	0.012	0.005	1.55	10.7		
2	28	0.019	0.565	40.0	0.006	<0.005	2.67	18.2		
2	42	0.030	0.655	53.4	0.014	<0.005	2.17	11.5		
3	0	0.550	0.036	4.8	0.009	0.005	0.385	2.83		
3	2	0.173	0.130	10.4	0.007	<0.005	2.77	21.0		
3	4	0.076	0.214	17.0	0.008	<0.005	0.688	3.67		
3	7	2.23	0.279	20.8	0.013	0.012	1.55	12.3		
3	14	4.16	0.628	196.0	0.008	0.007	1.42	8.73		
3	21	0.027	0.241	38.4	0.015	0.005	1.58	13.1		
3	28	0.025	0.558	43.7	0.009	<0.005	2.39	17.0		
3	42	0.080	0.945	87.1	0.009	0.009	3.69	28.6		
4	0	0.592	0.055	4.8	0.007	<0.005	0.453	3.59		
4	2	0.099	0.050	14.6	0.009	<0.005	0.505	3.36		
4	4	0.102	0.195	16.7	0.008	<0.005	0.672	3.69		
4	7	0.031	0.068	18.7	<0.005	<0.005	0.857	8.02		
4	14	3.73	0.539	196.0	<0.005	0.010	1.28	10.8		
4	21	0.021	0.238	38.3	0.005	0.007	1.47	11.7		
4	28	0.027	0.485	39.6	<0.005	0.029	2.18	15.1		
4	42	0.022	0.387	55.3	0.067	<0.005	2.84	24.2		
5	0	0.886	0.070	4.8	0.015	0.006	0.639	5.50	261.0619	1.324503
5	2	0.019	0.103	23.2	<0.005	0.019	0.567	3.72	438.0531	1.766004
5	4	0.029	0.061	23.3	0.013	<0.005	0.505	3.34	517.6991	2.428256
5	7	0.030	0.054	15.9	0.007	<0.005	0.681	4.79	522.1239	3.090508
5	14	0.663	0.103	39.3	0.006	<0.005	0.539	4.06	482.3009	26.71082
5	21	0.029	0.112	48.1	0.011	<0.005	1.39	12.5	1137.168	55.62914
5	28	0.024	0.169	60.6	0.008	<0.005	2.15	18.9	1402.655	87.85872
5	42	0.061	0.491	115.0	<0.005	0.008	3.71	32.9	1783.186	87.85872
6	2	0.023	0.123	23.6	<0.005	<0.005	0.680	4.02		
6	4	0.021	0.091	23.6	0.010	<0.005	0.700	4.88		
6	7	0.023	0.061	19.1	0.007	<0.005	0.795	5.25		
6	14	1.73	0.188	40.8	0.007	0.006	0.588	6.16		
6	21	0.026	0.142	50.3	0.011	<0.005	1.60	14.4		
6	28	0.028	0.307	68.6	0.006	0.005	2.41	21.4		
6	42	0.055	0.489	123.0	<0.005	0.007	3.12	29.1		

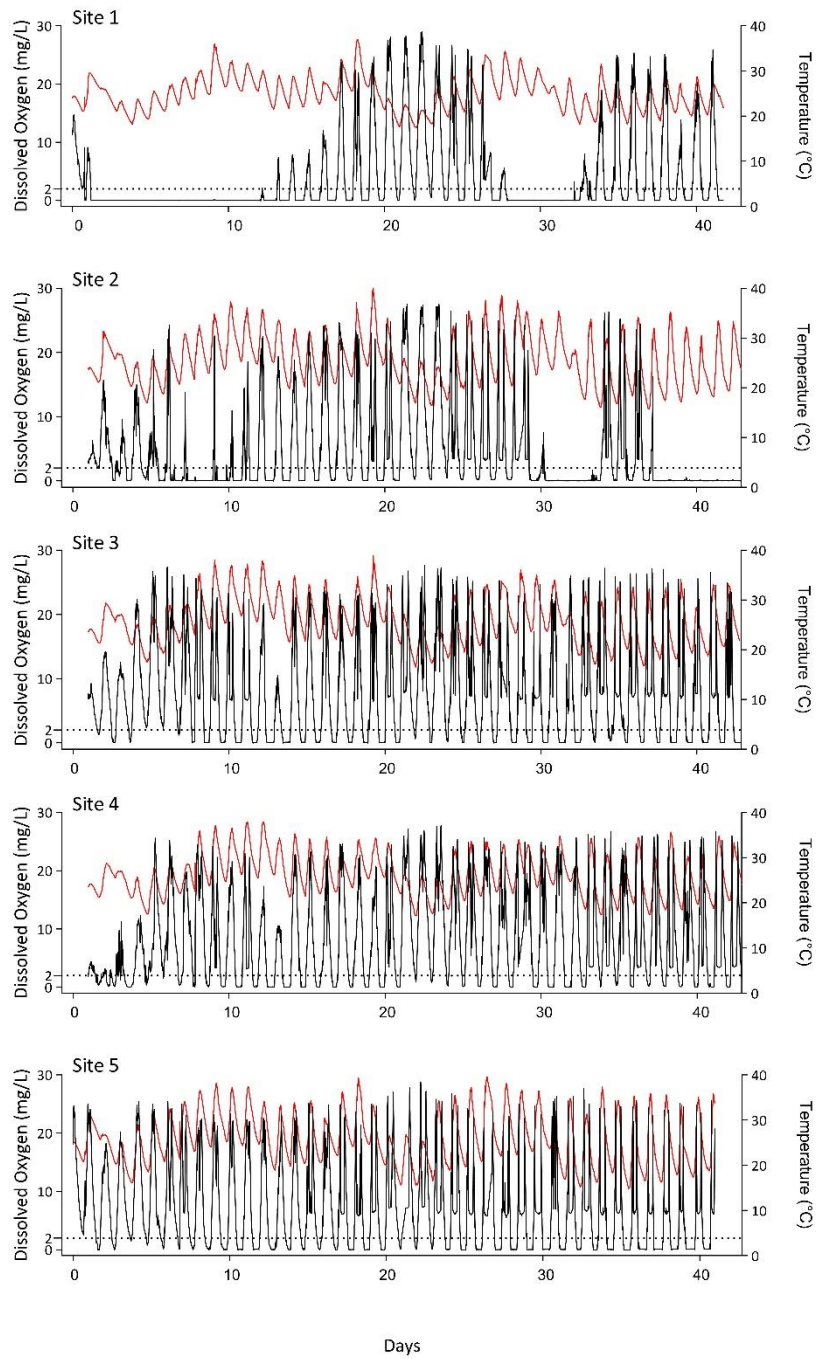


Figure S1. Dissolved oxygen concentrations (black line) and temperature (red line) for all five sites for the duration of the wetland experiment.