

Supplementary Materials

Table S1. Frequency (%) of zooplankton taxa occurrence in harmonic and dystrophic lakes with different oxygen conditions (G1–G6).

	Total	Harmonic	Dystrophic	Harmonic			Dystrophic		
				G1	G2	G3	G4	G5	G6
	n = 41	n = 27	n = 14	n = 11	n = 6	n = 6	n = 4	n = 10	n = 4
Cladocera									
<i>Alona costata</i>	2	3	0	9	0	0	0	0	0
<i>Alona quadrangularis</i>	7	7	7	0	16	0	25	10	0
<i>Alonella nana</i>	9	3	21	0	16	0	0	30	0
<i>Bosmina berolinensis</i>	51	74	7	72	83	66	75	0	25
<i>Bosmina coregoni</i>	17	18	14	27	16	16	0	10	25
<i>Bosmina crassicornis</i>	41	59	7	63	83	50	25	0	25
<i>Bosmina gibbera</i>	7	11	0	18	0	0	25	0	0
<i>Bosmina longirostris</i>	2	3	0	9	0	0	0	0	0
<i>Bosmina longispina</i>	70	77	57	90	66	66	75	60	50
<i>Bosmina thersites</i>	26	33	14	18	50	16	75	10	25
<i>Bythotrephes brevimanus</i>	14	22	0	45	16	0	0	0	0
<i>Ceriodaphnia pulchella</i>	7	11	0	18	0	0	25	0	0
<i>Ceriodaphnia quadrangula</i>	63	51	85	45	50	66	50	90	75
<i>Chydorus sphaericus</i>	46	62	14	27	83	83	100	10	25
<i>Daphnia cristata</i>	24	37	0	63	16	33	0	0	0
<i>Daphnia cucullata</i>	78	100	35	100	100	100	100	20	75
<i>Daphnia galeata</i>	4	7	0	0	33	0	0	0	0
<i>Daphnia longiremis</i>	4	7	0	18	0	0	0	0	0
<i>Daphnia longispina</i>	56	81	7	81	83	100	50	10	0
<i>Diaphanosoma brachyurum</i>	87	100	64	100	100	100	100	80	25
<i>Disparalona rostrata</i>	4	7	0	18	0	0	0	0	0
<i>Holopedium gibberum</i>	2	0	7	0	0	0	0	10	0
<i>Leptodora kindtii</i>	56	85	0	63	100	100	100	0	0
<i>Peracantha truncata</i>	2	3	0	9	0	0	0	0	0
<i>Pleuroxus aduncus</i>	2	3	0	9	0	0	0	0	0
<i>Pleuroxus trigonellus</i>	2	3	0	0	16	0	0	0	0
<i>Polyphemus pediculus</i>	2	0	7	0	0	0	0	10	0
<i>Pseudochydorus globosus</i>	2	3	0	9	0	0	0	0	0
<i>Rhyndotalona falcata</i>	2	3	0	0	16	0	0	0	0
<i>Scapholeberis mucronata</i>	7	0	21	0	0	0	0	30	0
<i>Sida crystallina</i>	4	7	0	9	16	0	0	0	0
Cyclopoida									
<i>Acanthocyclops</i> sp.	7	7	7	9	16	0	0	10	0
<i>Cyclops abyssorum</i>	2	3	0	9	0	0	0	0	0
<i>Cyclops lacustris</i>	7	11	0	27	0	0	0	0	0
<i>Cyclops scutifer</i>	19	29	0	45	16	33	0	0	0
<i>Cyclops vicinus</i>	2	3	0	9	0	0	0	0	0
<i>Diacyclops bicuspidatus</i>	12	18	0	9	33	16	25	0	0
<i>Diacyclops</i> sp.	4	7	0	9	0	16	0	0	0
<i>Eucyclops macrurus</i>	2	3	0	9	0	0	0	0	0
<i>Eucyclops serrulatus</i>	2	3	0	0	0	0	25	0	0
<i>Megacyclops viridis</i>	2	3	0	0	16	0	0	0	0

<i>Mesocyclops leuckarti</i>	82	96	57	90	100	100	100	70	25
<i>Thermocyclops oithonoides</i>	70	88	35	100	83	83	75	30	50
Calanoida									
<i>Eudiaptomus gracilis</i>	48	33	78	36	16	33	50	90	50
<i>Eudiaptomus graciloides</i>	53	77	7	81	100	66	50	0	25
<i>Eurytemora lacustris</i>	14	22	0	54	0	0	0	0	0
<i>Heterocope appendiculata</i>	17	25	0	54	16	0	0	0	0
Rotifera									
<i>Anuraeopsis fissa</i>	7	3	14	0	0	16	0	0	50
<i>Ascomorpha ecaudis</i>	19	18	21	18	16	33	0	30	0
<i>Ascomorpha ovalis</i>	41	51	21	63	50	50	25	20	25
<i>Ascomorpha saltans</i>	21	29	7	18	50	16	50	10	0
<i>Asplanchna brightwellii</i>	12	14	7	9	16	16	25	0	25
<i>Asplanchna priodonta</i>	73	77	64	81	83	83	50	70	50
<i>Brachionus angularis</i>	9	7	14	0	0	16	25	0	50
<i>Brachionus calyciflorus</i>	4	7	0	0	16	0	25	0	0
<i>Brachionus diversicornis</i>	2	3	0	9	0	0	0	0	0
<i>Collotheca mutabilis</i>	51	51	50	45	50	66	50	50	50
<i>Collotheca pelagica</i>	31	40	14	45	66	33	0	10	25
<i>Collotheca</i> sp.	4	7	0	18	0	0	0	0	0
<i>Colurella uncinata</i>	4	3	7	9	0	0	0	0	25
<i>Conochiloides dossuarius</i>	36	14	78	18	0	16	25	80	75
<i>Conochilus hippocrepis</i>	19	25	7	45	33	0	0	10	0
<i>Conochilus unicornis</i>	53	77	7	81	83	50	100	10	0
<i>Euchlanis dilatata</i>	21	33	0	36	16	33	50	0	0
<i>Euchlanis meneta</i>	2	0	7	0	0	0	0	10	0
<i>Filinia longiseta</i>	12	11	14	0	16	16	25	10	25
<i>Filinia terminalis</i>	12	18	0	45	0	0	0	0	0
<i>Gastropus stylifer</i>	34	29	42	27	16	50	25	50	25
<i>Kellicottia longispina</i>	41	59	7	72	50	50	50	10	0
<i>Keratella cochlearis</i>	73	96	28	100	100	100	75	30	25
<i>Keratella irregularis</i>	9	11	7	18	0	16	0	0	25
<i>Keratella hiemalis</i>	2	3	0	0	0	16	0	0	0
<i>Keratella quadrata</i>	53	74	14	72	83	66	75	10	25
<i>Keratella tecta</i>	41	51	21	36	50	66	75	20	25
<i>Keratella ticinensis</i>	12	14	7	18	0	16	25	10	0
<i>Keratella valga</i>	2	0	7	0	0	0	0	0	25
<i>Lecane bulla</i>	4	3	7	9	0	0	0	10	0
<i>Lecane closterocerca</i>	4	7	0	0	16	16	0	0	0
<i>Lecane flexilis</i>	2	0	7	0	0	0	0	10	0
<i>Lecane luna</i>	7	11	0	9	0	16	25	0	0
<i>Lecane lunaris</i>	2	3	0	9	0	0	0	0	0
<i>Lecane mira</i>	2	3	0	0	0	16	0	0	0
<i>Lepadella quadricarinata</i>	7	7	7	18	0	0	0	10	0
<i>Ploesoma triacanthum</i>	14	22	0	36	33	0	0	0	0
<i>Polyarthra dolichoptera</i>	4	7	0	9	0	16	0	0	0
<i>Polyarthra euryptera</i>	14	22	0	18	16	33	25	0	0
<i>Polyarthra major</i>	43	55	21	63	66	33	50	20	25
<i>Polyarthra remata</i>	70	81	50	81	66	100	75	30	100
<i>Polyarthra vulgaris</i>	82	92	64	100	100	100	50	80	25

<i>Pompholyx sulcata</i>	60	77	28	72	83	83	75	20	50
<i>Proalides tentaculatus</i>	2	3	0	0	0	0	25	0	0
<i>Synchaeta kitina</i>	24	33	7	54	16	33	0	10	0
<i>Synchaeta longipes</i>	2	0	7	0	0	0	0	0	25
<i>Synchaeta pectinata</i>	14	11	21	9	16	16	0	30	0
<i>Trichocerca capucina</i>	34	51	0	54	66	50	25	0	0
<i>Trichocerca cylindrica</i>	26	18	42	18	16	33	0	40	50
<i>Trichocerca porcellus</i>	2	3	0	9	0	0	0	0	0
<i>Trichocerca pusilla</i>	21	22	21	9	33	16	50	10	50
<i>Trichocerca rousseleti</i>	17	22	7	18	16	33	25	10	0
<i>Trichocerca similis</i>	65	77	42	63	83	83	100	40	50
<i>Trichocerca simoneae</i>	12	3	28	0	0	16	0	20	50