

Supplement of:

The response of zooplankton network indicators to winter water warming using shallow artificial reservoirs as model case study

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Table S1. Species composition, biomass ($\mu\text{g l}^{-1}$; mean $\pm$ SD), and zooplankton frequency (%) in individual thermal classes. Values with different superscripts differ significantly across reservoirs in the Kruskal–Wallis non-parametric test ($P \leq 0.05$).

Taxa	COLD			MIDDLE			WARM			Kruskal-Wallis
	Biomass ($\mu\text{g l}^{-1}$)		Freq	Biomass ($\mu\text{g l}^{-1}$)		Freq	Biomass ($\mu\text{g l}^{-1}$)		Freq	
	$\bar{x}$	$\pm\text{SD}$	(%)	$\bar{x}$	$\pm\text{SD}$	(%)	$\bar{x}$	$\pm\text{SD}$	(%)	P
Rotifera										
<i>Anuraeopsis fissa</i>	0.007	0.019	13	-	-	-	-	-	-	>0.05
<i>Ascomorpha ovalis</i>	0.266 ^a	0.295	54	0.580 ^b	0.392	75	0.121 ^a	0.225	25	0.0001
<i>Ascomorpha saltans</i>	-	-	-	0.008	0.041	4	-	-	-	>0.05
<i>Asplanchna priodonta</i>	28.71 ^a	27.83	58	13.12 ^b	22.23	29	-	-	-	0.037
<i>Brachionus angularis</i>	0.414 ^a	0.577	42	0.065 ^b	0.235	8	0.065 ^b	0.177	13	0.005
<i>Brachionus calyciflorus</i>	0.826	2.035	17	0.092	0.450	4	-	-	-	>0.05
<i>Brachionus diversicornis</i>	0.057	0.277	4	-	-	-	0.057	0.277	4	>0.05
<i>Brachionus falcatus</i>	-	-	-	-	-	-	0.057	0.277	4	>0.05
<i>Brachionus leydigii</i>	0.497	2.434	4	1.49	3.06	25	-	-	-	>0.05
<i>Brachionus quadridentatus</i>	-	-	-	0.138	0.678	4	0.277	0.937	8	>0.05
<i>Cephalodella auriculata</i>	-	-	-	0.013	0.042	8	0.013	0.061	4	>0.05
<i>Cephalodella forficula</i>	-	-	-	-	-	-	0.015	0.072	4	>0.05
<i>Cephalodella gibboides</i>	0.100	0.358	8	0.111	0.264	17	0.262	0.683	21	>0.05
<i>Cephalodella psammophila</i>	-	-	-	0.038	0.106	13	0.045	0.096	21	>0.05
<i>Cephalodella</i> sp.	0.013 ^a	0.042	8	0.088 ^{ab}	0.124	38	0.169 ^b	0.199	58	0.001
<i>Colurella colurus</i>	0.023 ^a	0.046	21	0.103 ^b	0.114	54	0.107 ^b	0.134	46	0.006
<i>Colurella uncinata</i>	0.018	0.064	8	0.012	0.040	8	0.047	0.090	25	>0.05
<i>Conochilus unicornis</i>	0.065	0.319	4	0.022	0.106	4	-	-	-	>0.05
<i>Dicranophorous</i> sp.	0.138	0.493	8	0.092	0.449	4	-	-	-	>0.05
<i>Dipeuchlanis propatula</i>	-	-	-	-	-	-	0.033	0.163	4	>0.05
<i>Encentrum</i> sp.	-	-	-	-	-	-	0.016	0.080	4	>0.05
<i>Euchlanis contorta</i>	-	-	-	0.133	0.652	4	0.665	1.879	13	>0.05
<i>Euchlanisapidula</i>	-	-	-	0.266	0.902	8	0.399	1.079	13	>0.05
<i>Euchlanis dilatata</i>	0.146 ^a	0.714	4	0.073 ^a	0.357	4	1.457 ^b	1.835	46	0.0001
<i>Euchlanis lyra</i>	-	-	-	-	-	-	0.292	0.843	13	>0.05
<i>Filinia longiseta</i>	0.437	0.612	42	0.125	0.337	17	0.166	0.240	33	>0.05
<i>Hexarthra mira</i>	0.561	1.250	21	-	-	-	0.280	0.685	17	>0.05
<i>Kellicottia longispina</i>	0.016	0.054	8	-	-	-	-	-	-	>0.05
<i>Keratella cochlearis</i>	0.407 ^a	0.089	100	0.110 ^b	0.125	50	0.252 ^b	0.223	67	0.0000
<i>Keratella paludosa</i>	-	-	-	0.008	0.041	4	-	-	-	>0.05
<i>Keratella quadrata</i>	1.55 ^a	1.05	79	0.529 ^b	0.781	38	0.564 ^b	0.734	46	0.0001
<i>Keratella tecta</i>	0.258	0.218	63	0.161	0.202	46	0.129	0.175	46	>0.05
<i>Keratella testudo</i>	0.012	0.060	4	0.098	0.223	21	-	-	-	>0.05
<i>Keratella ticinensis</i>	0.005	0.024	4	-	-	-	-	-	-	>0.05
<i>Keratella valga</i>	0.245	0.363	38	0.140	0.234	33	0.140	0.286	25	>0.05
<i>Lecane arcula</i>	-	-	-	-	-	-	0.002	0.011	4	>0.05
<i>Lecane bulla</i>	0.033 ^{ab}	0.110	8	0.016 ^a	0.080	4	0.228 ^b	0.344	38	0.004
<i>Lecane closteroerca</i>	-	-	-	0.004	0.021	4	0.030	0.057	25	>0.05
<i>Lecane cornuta</i>	-	-	-	-	-	-	0.029	0.142	4	>0.05
<i>Lecane flexilis</i>	0.004	0.021	4	0.013	0.047	8	-	-	-	>0.05
<i>Lecane hamata</i>	0.005	0.024	4	-	-	-	-	-	-	>0.05
<i>Lecane imbricata</i>	-	-	-	0.002	0.011	4	-	-	-	>0.05
<i>Lecane inermis</i>	-	-	-	0.005	0.018	8	-	-	-	>0.05
<i>Lecane levistyla</i>	-	-	-	-	-	-	0.011	0.056	4	>0.05
<i>Lecane ludwigii</i>	-	-	-	-	-	-	0.022	0.073	8	>0.05
<i>Lecane luna</i>	0.021	0.105	4	-	-	-	0.236	0.371	33	>0.05
<i>Lecane lunaris</i>	0.032	0.086	13	0.021	0.104	4	0.106	0.182	29	>0.05
<i>Lecane quadridentata</i>	-	-	-	-	-	-	0.160	0.451	13	>0.05
<i>Lecane tryphema</i>	-	-	-	0.006	0.032	4	0.006	0.032	4	>0.05
<i>Lepadella ovalis</i>	0.026	0.060	17	0.066	0.123	29	0.086	0.132	38	>0.05
<i>Lepadella patella</i>	0.007	0.036	4	0.007	0.036	4	-	-	-	>0.05

<i>Lepadella rhomboides</i>	-	-	-	-	-	-	0.051	0.146	13	>0.05
<i>Monommata maculata</i>	0.031 ^a	0.153	4	0.281 ^b	0.577	25	0.281 ^b	0.693	21	0.041
<i>Mytilina mucronata</i>				0.044	0.217	4	0.133	0.359	13	>0.05
<i>Notholca acuminata</i>	0.479	1.024	21	0.752	1.278	33	0.205	0.554	13	>0.05
<i>Notholca labis</i>				0.028	0.096	8	-	-	-	>0.05
<i>Notholca squamula</i>	0.088 ^a	0.260	13	0.480 ^b	0.367	71	0.013 ^a	0.062	4	0.0000
<i>Notomata</i> sp.				0.013	0.061	4	-	-	-	>0.05
<i>Polyarthra longiremis</i>	1.64 ^a	0.490	96	0.835 ^b	0.755	67	0.683 ^b	0.787	54	0.0000
<i>Polyarthra major</i>	0.042	0.204	4	-	-	-	0.042	0.204	4	>0.05
<i>Polyarthra vulgaris</i>	0.443 ^a	0.496	46	-	-	-	0.014 ^b	0.068	4	0.0006
<i>Pompholyx complanata</i>	0.013	0.050	8	0.010	0.035	8	0.010	0.048	4	>0.05
<i>Pompholyx sulcata</i>	0.157	0.257	33	-	-	-	-	-	-	>0.05
<i>Proales</i> sp.	0.292	0.550	25	0.417	0.929	21	0.458	0.658	38	>0.05
<i>Scaridium longicaudum</i>	-	-	-	-	-	-	0.069	0.177	17	>0.05
<i>Squatinella rostrum</i>	-	-	-	-	-	-	0.020	0.067	8	>0.05
<i>Synchaeta</i> sp.	6.36 ^a	4.56	75	4.73 ^a	4.98	54	0.740 ^b	1.473	21	0.0001
<i>Testudinella patina</i>				0.415 ^a	0.774	25	0.035 ^b	0.169	4	0.037
<i>Trichocerca bidens</i>	-	-	-	-	-	-	0.023	0.112	4	>0.05
<i>Trichocerca elongata</i>	-	-	-	-	-	-	0.017	0.084	4	>0.05
<i>Trichocerca insignis</i>	-	-	-	0.100	0.188	25	-	-	-	>0.05
<i>Trichocerca intermedia</i>	-	-	-	0.003	0.012	8	0.007	0.020	13	>0.05
<i>Trichocerca musculus</i>	-	-	-	0.021	0.057	13	0.021	0.076	8	>0.05
<i>Trichocerca myersi</i>	-	-	-	-	-	-	0.057	0.130	17	>0.05
<i>Trichocerca porcellus</i>	-	-	-	0.042	0.151	8	0.028	0.095	8	>0.05
<i>Trichocerca pusilla</i>	0.057	0.115	21	0.005	0.023	4	0.014	0.051	8	>0.05
<i>Trichocerca rattus</i>	-	-	-	-	-	-	0.014	0.069	4	>0.05
<i>Trichocerca scipio</i>	-	-	-	0.005	0.023	4	-	-	-	>0.05
<i>Trichocerca similis</i>	-	-	-	0.011	0.052	4	0.011	0.052	4	>0.05
<i>Trichocerca stylata</i>	0.038	0.128	8	-	-	-	-	-	-	>0.05
<i>Trichocerca tenuior</i>	-	-	-	0.058	0.132	21	0.029	0.066	17	>0.05
<i>Trichocerca tigris</i>	-	-	-	0.061	0.173	13	0.061	0.150	17	>0.05
<i>Trichocerca vernalis</i>	-	-	-	-	-	-	0.009	0.044	4	>0.05
<i>Trichocerca weberi</i>	-	-	-	-	-	-	0.005	0.023	4	>0.05
<i>Trichotria pocillum</i>	0.049	0.164	8	0.073	0.197	13	0.121	0.241	21	>0.05
<i>Trichotria tetractis</i>	-	-	-	0.030	0.148	4	0.182	0.386	21	>0.05
Cladocera										
<i>Acroperus harpae</i>	-	-	-	0.417	2.041	4	0.833	2.823	8	>0.05
<i>Alona affinis</i>	-	-	-	1.25	4.48	8	0.833	2.823	8	>0.05
<i>Alona costata</i>	-	-	-	0.417	2.041	4	-	-	-	>0.05
<i>Alona guttata</i>	-	-	-	-	-	-	1.25	4.48	8	>0.05
<i>Alona protzi</i>	-	-	-	-	-	-	0.417	2.041	4	>0.05
<i>Alona quadrangularis</i>	-	-	-	2.92	8.90	17	0.792	2.686	8	>0.05
<i>Alona rectangula</i>	-	-	-	-	-	-	0.417	2.041	4	>0.05
<i>Alonella nana</i>	-	-	-	-	-	-	0.417	2.041	4	>0.05
<i>Bosmina longirostris</i>	14.13 ^{ab}	20.77	46	13.96 ^a	14.18	58	3.38 ^b	7.26	21	0.0185
<i>Ceriodaphnia quadrangula</i>	-	-	-	2.08	5.88	13	-	-	-	>0.05
<i>Chydorus sphaericus</i>	-	-	-	0.208	1.021	4	1.54	2.48	29	>0.05
<i>Daphnia cucullata</i>	213.1 ^a	115.6	88	69.58 ^b	108.25	46	50.83 ^b	63.86	46	0.0000
<i>Eurycercus lamellatus</i>	-	-	-	-	-	-	4.17	20.41	4	>0.05
<i>Graptoleberis testudinaria</i>	-	-	-	-	-	-	3.75	10.13	13	>0.05
<i>Ilyocryptus agilis</i>	1.67	8.16	4	-	-	-	-	-	-	>0.05
<i>Leptodora kindtii</i>	20.83	50.90	17	-	-	-	-	-	-	>0.05
<i>Pleuroxus truncatus</i>	-	-	-	-	-	-	2.08	7.21	8	>0.05
<i>Scapholeberis mucronata</i>	-	-	-	-	-	-	1.67	8.16	4	>0.05
Copepoda										
<i>Acanthocyclops robustus</i>	1.04	5.10	4	-	-	-	-	-	-	>0.05
<i>Cryptocyclops bicolor</i>	1.25	6.12	4	-	-	-	-	-	-	>0.05
<i>Cyclops scutifer</i>	1.67	8.16	4	-	-	-	-	-	-	>0.05
<i>Cyclops strenuus</i>	7.50	21.72	13	-	-	-	-	-	-	>0.05
<i>Cyclops vicinus</i>	9.17	22.63	17	-	-	-	-	-	-	>0.05
<i>Diacyclops crassicaudis</i>	-	-	-	5.00	19.11	8	1.25	6.12	4	>0.05

<i>Eucyclops macruioides</i>	1.25	6.12	4	-	-	-	-	-	-	>0.05
<i>Eucyclops serrulatus</i>	-	-	-	1.25	6.12	4	-	-	-	>0.05
<i>Eucyclops speratus</i>	-	-	-	5.00	11.42	17	-	-	-	>0.05
<i>Eudiaptomus graciloides</i>	11.67	34.35	13	-	-	-	-	-	-	>0.05
Harpacticoida	1.88	5.07	13	0.625	3.062	4	3.75	7.97	21	>0.05
copepodites	27.25 ^a	11.38	100	8.33 ^b	9.63	50	7.08 ^b	8.59	54	0.0000
<i>Microcyclops varicans</i>	2.50	8.97	8	0.833	4.082	4	-	-	-	>0.05
nauplii	2.13	0.689	100	1.604	0.895	96	1.56	1.01	92	>0.05
<i>Thermocyclops crassus</i>	20.00 ^a	30.22	38	-	-	-	0.104 ^b	0.510		0.0036
<i>Paracyclops fimbriatus</i>	-	-	-	-	-	-	0.833	4.082	4	>0.05
Protozoa										
<i>Arcella discoides</i>	0.010 ^a	0.025	17	0.010 ^a	0.021	21	0.106 ^b	0.065	83	0.0000
<i>Centropyxis aculeata</i>	0.008 ^a	0.019	17	0.006 ^a	0.017	13	0.042 ^b	0.041	63	0.0000
<i>Codonella cratera</i>	0.098 ^a	0.062	75	0.015 ^b	0.028	25	0.021 ^b	0.039	29	0.0000
<i>Diffugia acuminata</i>	-	-	-	-	-	-	0.013	0.045	8	>0.05
<i>Diffugia limnetica</i>	-	-	-	-	-	-	0.004	0.020	4	>0.05
<i>Diffugia lobostoma</i>	0.088 ^{ab}	0.133	33	0.021 ^a	0.051	17	0.100 ^b	0.114	54	0.004
<i>Diffugia pyriformis</i>	-	-	-	-	-	-	0.017	0.048	13	>0.05

Table S2. The most important relationships between zooplankton species in the compared thermal classes.

Thermal class	Ralationships between taxa	
COLD	Negative	<i>Brachionus calyciflorus</i> - <i>Keratella tecta</i> -0.671
		<i>Keratella valga</i> - <i>Pompholyx sulcata</i> -0.638
		Harpacticoida - nauplii -0.591
		<i>Bosmina longirostris</i> - <i>Keratella quadrata</i> -0.584
		nauplii - <i>Keratella tecta</i> -0.556
		<i>Diffugia lobostoma</i> - <i>Filinia longiseta</i> -0.529
		<i>Keratella valga</i> - <i>Trichocerca pusilla</i> -0.517
		<i>Pompholyx sulcata</i> - <i>Trichocerca pusilla</i> -0.484
		<i>Cyclops vicinus</i> - <i>Trichocerca pusilla</i> -0.473
		<i>Keratella cochlearis</i> - <i>Synchaeta</i> spp. -0.471
		<i>Brachionus calyciflorus</i> - <i>Filinia longiseta</i> -0.461
		<i>Keratella tecta</i> - <i>Lepadella</i> spp. -0.457
		<i>Diffugia lobostoma</i> - <i>Brachionus calyciflorus</i> -0.457
		<i>Thermocyclops crassus</i> - <i>Proales</i> sp. -0.445
		<i>Cryptocyclops bicolor</i> - <i>Codonella cratera</i> -0.435
		<i>Cryptocyclops bicolor</i> - <i>Keratella cochlearis</i> -0.431
		<i>Codonella cratera</i> - <i>Brachionus calyciflorus</i> -0.424
		<i>Cryptocyclops bicolor</i> - <i>Synchaeta</i> spp. -0.419
		<i>Keratella cochlearis</i> - <i>Trichocerca pusilla</i> -0.413
		<i>Keratella quadrata</i> - <i>Keratella valga</i> -0.401
	Positive	<i>Ascomorpha ovalis</i> - <i>Notholca squamula</i> 0.837
		<i>Keratella tecta</i> - <i>Pompholyx sulcata</i> 0.773
		<i>Polyarthra longiremis</i> - <i>Synchaeta</i> spp. 0.759
		<i>Microcyclops varicans</i> - <i>Centropyxis aculeata</i> 0.747
		<i>Keratella tecta</i> - <i>Keratella valga</i> 0.713
		<i>Filinia longiseta</i> - <i>Hexarthra mira</i> 0.657
		Harpacticoida - <i>Colurella colurus</i> 0.654
		<i>Brachionus angularis</i> - <i>Keratella cochlearis</i> 0.616
		copepodites - <i>Thermocyclops crassus</i> 0.610
		<i>Lepadella</i> spp. - <i>Notholca squamula</i> 0.607
		<i>Brachionus calyciflorus</i> - <i>Polyarthra longiremis</i> 0.603
		<i>Brachionus calyciflorus</i> - <i>Keratella valga</i> 0.588
		nauplii - <i>Keratella valga</i> 0.584
		<i>Cryptocyclops bicolor</i> - <i>Polyarthra longiremis</i> 0.567
		<i>Lepadella</i> spp. - <i>Pompholyx sulcata</i> 0.564
		nauplii - <i>Pompholyx sulcata</i> 0.554
		<i>Brachionus calyciflorus</i> - <i>Polyarthra vulgaris</i> 0.552
		<i>Codonella cratera</i> - <i>Polyarthra longiremis</i> 0.533
		<i>Daphnia cucullata</i> - <i>Keratella cochlearis</i> 0.532
		<i>Bosmina longirostris</i> - nauplii 0.524
MIDDLE	Negative	<i>Brachionus calyciflorus</i> - <i>Synchaeta</i> spp. -0.821
		<i>Brachionus calyciflorus</i> - <i>Keratella valga</i> -0.754
		<i>Bosmina longirostris</i> - <i>Keratella testudo</i> -0.701
		<i>Keratella valga</i> - <i>Synchaeta</i> spp. -0.689
		<i>Keratella tecta</i> - <i>Trichocerca tigris</i> -0.677
		<i>Bosmina longirostris</i> - <i>Keratella tecta</i> -0.636
		<i>Chydorus sphaericus</i> - <i>Notholca acuminata</i> -0.632
		<i>Chydorus sphaericus</i> - <i>Euchlanis</i> spp. -0.592
		<i>Euchlanis</i> spp. - <i>Notholca acuminata</i> -0.591
		<i>Ascomorpha ovalis</i> - <i>Synchaeta</i> spp. -0.586

		<i>Ascomorpha ovalis</i> - <i>Brachionus calyciflorus</i>	-0.571
		<i>Codonella cratera</i> - <i>Keratella valga</i>	-0.57
		<i>Keratella quadrata</i> - <i>Keratella testudo</i>	-0.562
		<i>Chydorus sphaericus</i> - <i>Microcyclops varicans</i>	-0.553
		<i>Microcyclops varicans</i> - <i>Notholca acuminata</i>	-0.551
		<i>Polyarthra longiremis</i> - <i>Trichocerca pusilla</i>	-0.54
		<i>Proales</i> sp. - <i>Trichocerca tigris</i>	-0.523
		<i>Asplanchna priodonta</i> - <i>Keratella testudo</i>	-0.519
		<i>Bosmina longirostris</i> - <i>Keratella quadrata</i>	-0.518
		<i>Ascomorpha ovalis</i> - <i>Keratella valga</i>	-0.507
	Positive	<i>Polyarthra longiremis</i> - <i>Trichocerca tigris</i>	0.961
		<i>Bosmina longirostris</i> - <i>Ascomorpha ovalis</i>	0.932
		<i>Asplanchna priodonta</i> - <i>Keratella valga</i>	0.907
		<i>Brachionus calyciflorus</i> - <i>Keratella tecta</i>	0.844
		<i>Brachionus calyciflorus</i> - <i>Filinia longiseta</i>	0.828
		<i>Arcella discoides</i> - <i>Notholca acuminata</i>	0.821
		<i>Filinia longiseta</i> - <i>Synchaeta</i> spp.	0.782
		<i>Chydorus sphaericus</i> - <i>Arcella discoides</i>	0.77
		copepodit - <i>Microcyclops varicans</i>	0.721
		<i>Daphnia cucullata</i> - <i>Harpacticoida</i>	0.697
		<i>Ascomorpha ovalis</i> - <i>Keratella testudo</i>	0.697
		<i>Microcyclops varicans</i> - <i>Arcella discoides</i>	0.677
		<i>Bosmina longirostris</i> - <i>Synchaeta</i> spp.	1
		<i>Keratella tecta</i> - <i>Synchaeta</i> spp.	0.659
		<i>Arcella discoides</i> - <i>Euchlanis</i> spp.	0.647
		<i>Bosmina longirostris</i> - <i>Brachionus calyciflorus</i>	0.645
		<i>Bosmina longirostris</i> - <i>Keratella valga</i>	0.616
		<i>Daphnia cucullata</i> - <i>Synchaeta</i> spp.	0.609
		<i>Codonella cratera</i> - <i>Asplanchna priodonta</i>	0.605
		<i>Ascomorpha ovalis</i> - <i>Keratella quadrata</i>	0.599
WARM	Negative	<i>Cephalodella</i> spp. - <i>Polyarthra vulgaris</i>	-0.582
		<i>Alona quadrangularis</i> - <i>Ascomorpha ovalis</i>	-0.397
		<i>Centropyxis aculeata</i> - <i>Trichocerca intermedia</i>	-0.337
		<i>Alona quadrangularis</i> - <i>Hexarthra mira</i>	-0.32
		<i>Monommata maculata</i> - <i>Trichocerca intermedia</i>	-0.312
		nauplii - <i>Centropyxis aculeata</i>	-0.305
		<i>Alona quadrangularis</i> - <i>Chydorus sphaericus</i>	-0.29
		<i>Diffugia lobostoma</i> - <i>Euchlanis</i> spp.	-0.289
		<i>Alona quadrangularis</i> - <i>Notholca squamula</i>	-0.282
	Positive	<i>Brachionus angularis</i> - <i>Polyarthra vulgaris</i>	0.779
		<i>Alona quadrangularis</i> - <i>Centropyxis aculeata</i>	0.67
		<i>Chydorus sphaericus</i> - <i>Trichocerca intermedia</i>	0.67
		<i>Bosmina longirostris</i> - <i>Notholca acuminata</i>	0.658
		<i>Brachionus angularis</i> - <i>Cephalodella</i> spp.	0.651
		<i>Testudinella patina</i> - <i>Trichocerca tenuior</i>	0.646
		<i>Notholca squamula</i> - <i>Synchaeta</i> spp.	0.635
		<i>Lepadella</i> spp. - <i>Notholca acuminata</i>	0.591
		<i>Euchlanis</i> spp. - <i>Hexarthra mira</i>	0.57
		<i>Chydorus sphaericus</i> - <i>Monommata maculata</i>	0.552
		<i>Centropyxis aculeata</i> - <i>Ascomorpha ovalis</i>	0.521
		<i>Ascomorpha ovalis</i> - <i>Trichocerca tenuior</i>	0.441
		<i>Synchaeta</i> spp. - <i>Trichocerca tenuior</i>	0.405
		<i>Diffugia lobostoma</i> - <i>Hexarthra mira</i>	0.394
		<i>Cephalodella</i> spp. - <i>Polyarthra longiremis</i>	0.384
		<i>Bosmina longirostris</i> - <i>Monommata maculata</i>	0.381
		<i>Codonella cratera</i> - <i>Trichocerca intermedia</i>	0.375

	<i>Colurella colurus</i> - <i>Lepadella</i> spp.	0.372
	<i>Diffugia lobostoma</i> - <i>Lecane</i> spp.	0.363
	<i>Keratella quadrata</i> - <i>Polyarthra longiremis</i>	0.353

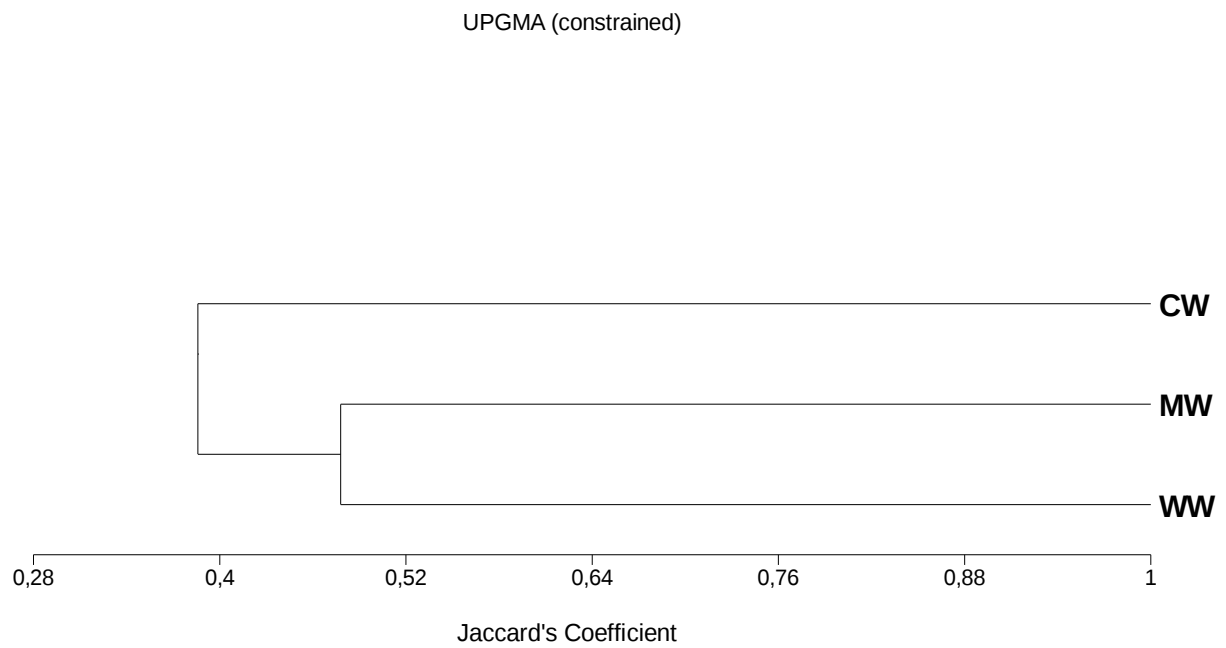


Figure S1. Faunistic similarity of zooplankton communities in the compared thermal classes.

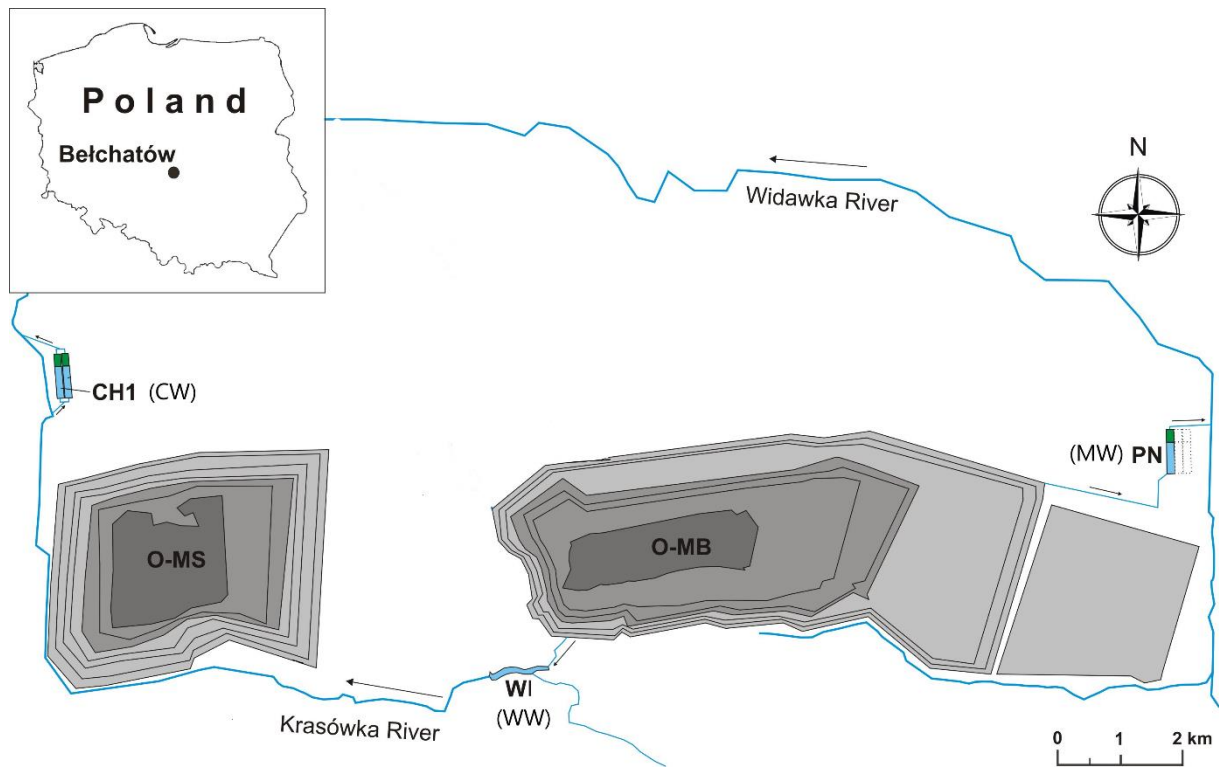


Figure S2. Location of the study area. Abbreviations: O-MB – opencast mine in Belchatów, O-MS – opencast mine in Szczerców; reservoir CH1 represents CW class, reservoir PN represents MW class; reservoir WI represents the WW class. Modified, see Goździewska and Kruk (2022).