Supplementary Table 1. Functional traits of zooplankton species identified in the samples collected from the studied water bodies

Species	Food source	Feeding type	Body length [µm]	References
Ciliata:				
Aspidisca sp.	B	Cil-sus	40	Foissner and Berger 1996; Fenchel 1980
Codonella cratera	A	Cil-sus	60	Foissner and Berger 1996; Fenchel 1980
Coleps hirtus	BA	Cil-sus	50	Foissner and Berger 1996; Fenchel 1980
Coleps spetai	A	Cil-sus	65	Foissner and Berger 1996; Fenchel 1980
Epistylis sp.	B	Cil-sus	120	Foissner and Berger 1996; Fenchel 1980
Non identified ciliate	B	Cil-sus	95	Foissner and Berger 1996; Fenchel 1980
Paramecium sp.	BA	Cil-sus	98	Foissner and Berger 1996; Fenchel 1980
Small scuticociliata	B	Cil-sus	20	Foissner and Berger 1996; Fenchel 1980
Stentor sp.	BA	Cil-sus	500	Foissner and Berger 1996; Fenchel 1980
Strobilidium sp.	BA	Cil-sus	20	Foissner and Berger 1996; Fenchel 1980
Strombidium sp.	BA	Cil-sus	30	Foissner and Berger 1996; Fenchel 1980
Tintinidium sp.	A	Cil-sus	150	Foissner and Berger 1996; Fenchel 1980
Vorticella campanula	BA	Cil-sus	75	Foissner and Berger 1996; Fenchel 1980
Vorticella convalaria	B	Cil-sus	70	Foissner and Berger 1996; Fenchel 1980
Vorticella sp.	B	Cil-sus	60	Foissner and Berger 1996; Fenchel 1980
Rotifera:				
Asplanchna priodonta	BAP	R-sus	380	Chang et al. 2010; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Brachionus angularis	BAP	R-sus	144	Arndt 1993; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Brachionus calyciforus	BAP	R-sus	270	Starkweather and Kellar 1983; Arndt 1993; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Brachionus diversicornis	BAP	R-sus	442	Arndt 1993; Ejsmont-Karabin et al.2004; Kiørboe 2011
Brachionus quadridentatus	BAP	R-sus	250	Arndt 1993; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Brachionus rubens	BAP	R-sus	210	Arndt 1993; Ejsmont-Karabin et al. 2004; Kiørboe 2011

Brachionus urceolaris	BAP	R-sus	180	Arndt 1993; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Filinia longiseta	BA	R-sus	145	Arndt 1993; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Gastropus minor	A	Piercer	125	Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Kellicotia longispina	BA	R-sus	378	Arndt 1993; Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Keratella cochlearis	BA	R-sus	137	Arndt 1993; Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Keratella quadrata	BA	R-sus	283	Arndt 1993; Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Keratella tecta	BA	R-sus	103	Arndt 1993; Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Lecane sp.	BA	R-sus	90	Serrania-Soto et al. 2011; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Pompholyx sulcata	BA	R-sus	98	Ooms-Wilms 1997; Ejsmont-Karabin et al. 2004; Kiørboe 2011
Polyarthra longiremis	BA	Piercer	138	Bogdan and Gilbert 1982; Arndt 1993; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Polyarthra major	BA	Piercer	156	Work and Havens 2003; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Polyarthra minor	BA	Piercer	83	Bogdan and Gilbert 1982; Arndt 1993; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Polyarthra remata	BA	Piercer	141	Bogdan and Gilbert 1982; Arndt 1993; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Polyarthra vulgaris	BA	Piercer	117	Bogdan and Gilbert 1982; Arndt 1993; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Synchaeta pectinata	BAP	Piercer	271	Arndt 1993; Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Trichocerca capucina	A	Piercer	318	Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Trichocerca cylindrica	A	Piercer	316	Wilk-Wozniak et al. 2001; Ejsmont-Karabin et al. 2004; de Oliveira Sodré

				et al.2017
Trichocerca similis	BA	Piercer	179	Wilk-Wozniak et al.2001; Work and Havens 2003; Ejsmont-Karabin et al. 2004; de Oliveira Sodré et al. 2017
Cladocera:				
Alona protzi	BA	C-filtr	400	Geller and Müller, 1981; Barnett et al. 2007
Alona affinis	BA	C-filtr	760	Geller and Müller, 1981; Barnett et al. 2007
Bosmina longirostris	BA	B-filtr	372	DeMott 1982; Barnett et al. 2007
Chydorus latus	BA	C-filtr	350	Geller and Müller, 1981; Barnett et al. 2007
Chydorus sphaericus	BA	C-filtr	259	Geller and Müller, 1981; Barnett et al. 2007
Eubosmina longispina	BA	B-filtr	334	Geller and Müller, 1981; Barnett et al. 2007
Eubosmina longicornis	BA	B-filtr	1350	Geller and Müller, 1981; Barnett et al. 2007
Eubosmina coregoni	A	B-filtr	411	Geller and Müller, 1981; Barnett et al. 2007
Eubosmina gibbera	BA	B-filtr	447	Geller and Müller, 1981; Barnett et al. 2007
Eurycercus lammelatus	BA	C-filtr	950	Smirnov 1962; Barnett et al. 2007
Daphnia ambigua	A	D-filtr	1115	Work and Havens 2003; Barnett et al. 2007
Daphnia cucullata	BA	D-filtr	830	Geller and Müller, 1981; Barnett et al. 2007
Daphnia cristata	A	D-filtr	730	Geller and Müller, 1981; Barnett et al. 2007
Daphnia galeata	A	D-filtr	875	Geller and Müller, 1981; Barnett et al. 2007
Daphnia longispina	BA	D-filtr	1391	Kankaala 1988; Barnett et al. 2007
Daphnia magna	BA	D-filtr	1500	Geller and Müller, 1981; Barnett et al. 2007
Diaphanosoma brachyurum	BA	D-filtr	724	Knoechel and Holtby 1986; Barnett et al. 2007
Moina micrura	BA	D-filtr	480	Niswati et al 2005; Barnett et al. 2007
Leptodora kindtii	P	Tactile	5080	Błędzki and Rybak, 2016; Herzig and Auer, 1990
Copepoda:				
Acanthocyclops trajani	P	Ambush	970	Hopp and Maier 2005; Kiørboe 2011
Acanthocyclops robustus	P	Ambush	1073	Roche 1987; Kiørboe 2011
Acanthocyclops venustus	P	Ambush	916	Hopp and Maier 2005; Kiørboe 2011

Cyclops vicinus	AP	Ambush	1296	Hopp and Maier 2005; Kiørboe 2011
Cyclops abyssorum	AP	Ambush	1465	Błędzki and Rybak 2016; Hopp and Maier 2005; Kiørboe 2011
Cyclops strenuus	AP	Ambush	1527	Makino and Ban 1998; Kiørboe 2011
Eurytemora affinis	A	Current	1400	Engström et al. 2000; Kiørboe 2011
Eudiaptomus gracilis	A	Current	1211	Wilk-Wozniak et al. 2001; Kiørboe 2011
Metacyclops gracilis	A	Ambush	907	Farhadian 2012; Kiørboe 2011
Mesocyclops leuckartii	AP	Ambush	1073	Hopp and Maier 2005; Kiørboe 2011
Thermocyclops dybowskii	AP	Ambush	865	Hopp and Maier 2005; Kiørboe 2011
Thermocyclos oithonoides	AP	Ambush	920	Hopp and Maier 2005; Kiørboe 2011
Thermocyclops crassus	AP	Ambush	797	Hopp and Maier 2005; Kiørboe 2011

Abbreviations:
A – Algae
B – Bacteria
P – Predator
Cil-sus – Ciliate-type suspension feeding
Ambush – Ambush-feeding
Current – Feeding current feeders
B-filtr – *Bosmina*-type filtration
C-filtr – *Chydorus*-type filtration
D-filtr – *Daphnia*-type filtration
Piercer – Rotifers with *Vigrate* Trophi
R-sus – Rotifer-type suspension feeding (rotifers with *Malleate*, *Malleoramate* and *Incaudate* Trophi)
Tactile – Prey hunting mode characteristic for *Leptodora kindtii*

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