

Mantovano *et al.*, 2019. Zooplankton communities show contrasting productivity variables thresholds in dammed and undammed systems. *Limnetica* 38 (2): 669-682 (2019).

SUPPLEMENTARY INFORMATION

Table S1. Characterization of the sampling sites belonging to dammed and undammed system (Bomfim *et al.*, 2017). *Caracterização dos locais de amostragem pertencentes ao sistema barrado e não barrado (Bomfim et al., 2017).*

Environments	Caracterização ambiental
Paraná River	(22° 62'S; 53° 15'W): an extension of 230 km downstream of the reservoir of Porto Primavera.
Osmar Lake	(22°40'S; 53°10'W): located on an island in the Paraná River, and does not have a connection with the main channel of the river, except during great floods. In addition, this lagoon is considered to be very shallow, with a minimum depth of 0.6 m during drought and maximum depth of 4.5 m during flooding.
Garças Lake	(22° 79'S; 53° 24'W): located on the Paraná River, with a length of 2.1 km, an average depth of 2.0 m, an area of 150 m ² and a perimeter of 5 km.
Ivinhema River	(22° 59'S; 53° 39'W): a tributary of the right bank of the Paraná River, presents a 22/1 length / width ratio and a current velocity of approximately 0.85 m.s ⁻¹ and a mean depth of 3.9 m.
Patos Lake	(22°43'12"S; 53°17'37"W): lake permanently connected by a canal on the left bank of the river Ivinhema. It is a small lake (1.14 km ²) with maximum depth between 2.8 and 4.8m.
Ventura Lake	(22°51'S; 53°36'W): located on the left bank of the lower Ivinhema River, has a length of 2,084.82m, an area of 89.8ha and an average depth of 2.5m.

Table S2. Species list identified in the undammed (IVI= Ivinhema river, VEN= Ventura lake and PAT= Patos lake) and dammed (PAR=Parana river , GAR= Garças lake and OSM= Osmar lake) systems of the high Paraná River floodplain. *Inventário das espécies identificadas nos não barrado (IVI=rio Ivinhema, VEN=lagoa ventura, PAT=lagoa dos patos) e barrado (PAR=rio Paraná, OSM= Lagoa Osmar, GAR= lagoa das Garças) da planície de inundação do alto rio Paraná.*

	Undammed			Dammed		
	IVI	VEN	PAT	PAR	OSM	GAR
ROTÍFEROS						
Asplanchnidae						
<i>Asplanchna priodonta</i> (Gosse,1850)					X	
<i>A. sieboldi</i> (Leydig, 1854)	X	X	X	X	X	X
<i>Harringia rousseleti</i> De Beauchamp, 1912			X		X	X
Brachionidae						
<i>Anureopsis navicular</i> Rousselet, 1911				X	X	
<i>Brachionus angularis</i> Gosse, 1851	X	X	X	X	X	
<i>B. bidentatus</i> Anderson, 1889	X		X	X		X
<i>B. budapestinensis</i> Daday, 1885				X		X
<i>B. calyciflorus</i> (Pallas, 1766)	X	X	X	X	X	X
<i>B. c. spinosus</i> Rousselet, 1901	X	X	X	X	X	X
<i>B. caudatus</i> Barrois e Daday, 1894	X	X	X	X	X	X
<i>B. c austrogenitus</i> Ahlstrom, 1940	X		X	X	X	X
<i>B. c. personatus</i> Ahlstrom, 1940	X	X	X	X	X	X
<i>B. dolabratus</i> Harring, 1915	X	X	X	X	X	X
<i>B. falcatus</i> Zacharias, 1898	X	X	X	X	X	X
<i>B. forficula</i> Wierzejski, 1891				X		X
<i>B. havanensis</i> Rousselet, 1911		X	X		X	X
<i>B. mirus</i> Daday, 1905	X	X	X	X	X	X
<i>B. m. angustus</i> Koste, 1972	X	X		X	X	X
<i>B. m. reductus</i> Koste, 1972		X		X	X	X
<i>B. quadridentatus</i> Hermann, 1783	X		X	X	X	X

<i>B. urceolaris</i> Muller, 1773		X	X		X	X
<i>B. u. amazônica</i> Koste, 1983	X		X	X	X	X
<i>Kellicottia bostoniensis</i> (Rousselet, 1908)	X	X	X	X	X	X
<i>Keratella americana</i> Carlin, 1943	X	X	X	X	X	X
<i>K. cochlearis</i> (Gosse, 1851)	X	X	X	X	X	X
<i>K. c. micracantha</i> Lauterborn, 1900	X	X	X		X	X
<i>K. lenzi</i> Hauer, 1953	X	X	X	X	X	X
<i>K. tropica</i> (Apstein, 1907)	X	X	X	X	X	X
<i>Lophocaris salpina</i> Ehrenberg 1834	X					
<i>Plationus macrachantus</i> (Daday, 1905)	X	X	X	X	X	X
<i>P. patulus patulus</i> (Müller, 1786)	X	X	X	X	X	X
<i>Platyias leloupi</i> Gillard, 1957	X	X	X	X	X	X
<i>P. quadricornis</i> (Ehrenberg, 1832)	X	X	X	X	X	X

Colurellidae

<i>Colurella adriatica</i> Ehrenberg, 1831	X					
<i>C. obtusa</i> (Gosse, 1886)	X			X		X
<i>Lepadella benjamini</i> Harring, 1916	X	X			X	
<i>L. cristata</i> (Rousselet, 1893)	X			X		X
<i>L. dactyliseta</i> (Stenroos, 1898)		X	X			
<i>L. donneri</i> Koste, 1972					X	
<i>L. imbricata</i> Harring, 1914	X	X		X		X
<i>L. ovalis</i> (Müller, 1786)	X	X	X	X	X	X
<i>L. patella</i> (Müller, 1773)	X	X	X		X	X
<i>L. rhomboides</i> (Gosse, 1886)			X			

Conochilidae

<i>Conochilus coenobasis</i> (Skorikov, 1914)	X	X	X	X	X	X
<i>C. dossuarius</i> Hudson, 1885	X	X	X	X	X	X
<i>C. natans</i> (Seligo, 1900)	X	X	X	X	X	X
<i>C. unicornis</i> Rousselet, 1892	X	X	X		X	X

Dicranophoridae

<i>Dicranophoroides caudatus</i> (Ehrenberg, 1834)	X		X	X		X
<i>D. claviger</i> (Hauer, 1965)	X	X	X		X	X

<i>D. epicharis</i> Haring & Myers, 1928					X	X
<i>D. luetkeni</i> (Bergendal, 1892)				X		
Epiphanidae						
<i>Epiphanes clavatula</i> (Ehrenberg, 1832)	X	X	X	X	X	X
<i>E. macroura</i> (Barrois e Daday, 1894)	X	X	X	X	X	X
<i>E. senta</i> (Müller, 1773)		X	X			
Filiniidae						
<i>Filinia longiseta</i> (Ehrenberg, 1834)	X	X	X	X	X	X
<i>F. limnetica</i> (Zacharias, 1893)	X		X			
<i>F. opoliensis</i> (Zacharias, 1898)	X	X	X	X	X	X
<i>F. pejlerei</i> Hutchinson, 1964	X	X	X	X	X	X
<i>F. terminalis</i> (Plate, 1886)	X	X	X		X	X
<i>F. saltator</i> (Gosse, 1886)	X					
Flosculariidae						
<i>Octotrocha speciosa</i> Thorpe, 1893				X		
<i>Sinantherina ariprepes</i> Edmondson, 1939	X	X	X	X		
<i>S. procera</i> (Thorpe, 1893)					X	
<i>S. spinosa</i> (Thorpe, 1893)	X		X		X	X
Gastropodidae						
<i>Ascomorpha agilis</i> Zacharias, 1853					X	X
<i>A. ecaudis</i> Perty, 1850		X	X	X	X	X
<i>A. ovalis</i> (Bergendal, 1892)	X	X	X	X	X	X
<i>A. saltans</i> Bartsch, 1870		X	X	X	X	X
<i>Gastropus hyptopus</i> (Ehrenberg, 1838)	X	X	X	X	X	X
<i>G. stylifer</i> (Imhof, 1891)			X		X	X
Hexarthridae						
<i>Hexarthra intermedia</i> (Wiszniewski, 1929)	X	X	X	X	X	X
<i>H. i. brasiliensis</i> (Hauer 1929)					X	
<i>H. mira</i> (Hudson, 1871)	X	X	X	X	X	X
Ituridae						
<i>Itura chamadis</i> Haring e Myers, 1928	X	X	X	X		X
<i>Itura deridderae</i> Segers, 1993	X	X	X			
<i>I. myersi</i> Wulfert, 1935	X					

Lecanidade

<i>Lecane aculeata</i> (Jakubski, 1912)	x					
<i>L. brauhmi</i> Koste, 1988	x	x	x	x	x	x
<i>L. bulla</i> (Gosse, 1851)	x	x	x	x	x	x
<i>L. closterocerca</i> (Schmarda, 1856)	x	x	x			
<i>L. cornuta</i> (Müller, 1786)	x	x	x	x	x	x
<i>L. curvicornis</i> (Murray, 1913)	x	x	x	x	x	x
<i>L. unguitata</i> (Fadeev, 1925)				x		
<i>L. doryssa</i> Harring, 1914				x		x
<i>L. elsa</i> Hauer, 1931	x	x	x		x	x
<i>L. halyclista</i> Harring e Myers, 1926	x		x			
<i>L. hornemanni</i> (Ehrenberg, 1834)				x	x	x
<i>L. inermis</i> (Bryce, 1892)	x					
<i>L. inopinata</i> Harring e Myers, 1926					x	
<i>L. leontina</i> (Turner, 1892)	x	x	x	x	x	x
<i>L. ludwigii</i> (Eckstein, 1883)	x	x	x	x	x	x
<i>L. luna</i> (Muller, 1776)	x	x	x	x	x	x
<i>L. lunaris</i> (Ehrenberg, 1832)	x	x	x	x	x	x
<i>L. mira</i> (Murray, 1913)			x			
<i>L. monostyla</i> (Daday, 1897)	x		x	x	x	x
<i>L. ohioensis</i> (Herrick, 1885)					x	
<i>L. papuana</i> (Murray, 1913)	x	x	x	x	x	x
<i>L. proiecta</i> Hauer, 1956	x	x	x	x	x	x
<i>L. pusilla</i> Harring, 1914	x	x	x	x	x	x
<i>L. quadridentata</i> (Ehrenberg, 1832)	x	x	x	x	x	x
<i>L. roberstsonae</i> Segers, 1993					x	
<i>L. rhytida</i> Harring e Myers, 1926	x		x			
<i>L. signifera</i> (Jennings, 1896)	x			x	x	x
<i>L. scutata</i> (Harring e Myers, 1926)					x	
<i>L. stenroosi</i> (Meissner, 1908)	x	x			x	
<i>L. stichaea</i> Harring, 1913		x	x			
<i>L. ungulata</i> (Gosse, 1887)	x		x	x	x	x

Lindiidae

<i>Lindia torulosa</i> Dujardin, 1841	x	x				
Testudinellidae						
<i>Pompholyx complanata</i> Gosse, 1851	x	x	x	x	x	x
<i>P. sulcata</i> Hudson, 1885		x				
<i>P. triloba</i> Pejler, 1957					x	
<i>P. triloba</i> Pejler, 1957	x	x	x			x
<i>Testudinella discoidea</i> Ahlstrom 1934			x			
<i>T. mucronata</i> (Gosse, 1886)	x	x	x		x	x
<i>T. m. haueriensis</i> Gillard, 1967	x	x	x	x	x	x
<i>T. ohlei</i> Koste, 1972	x	x	x	x	x	x
<i>T. patina</i> (Hermann, 1783)	x	x	x	x	x	x
<i>T. p. dendradena</i> (De Beauchamp, 1955)	x	x	x			x
<i>T. p. intermedia</i> (Anderson, 1898)	x			x		x
<i>T. tridentata</i> Smirnov, 1931	x	x	x			
Trichocercidae						
<i>Trichocerca bicristata</i> (Gosse, 1887)	x	x		x	x	x
<i>T. agnatha</i> Wulfert, 1939	x		x			
<i>T. bidens</i> (Lucks, 1912)	x	x	x	x	x	x
<i>T. capucina</i> (Wierzejski e Zacharias, 1893)	x		x	x	x	
<i>T. collaris</i> (Rousselet, 1896)	x		x	x	x	x
<i>T. cylindrica</i> (Imhof, 1891)	x	x	x	x	x	x
<i>T. cylindrica chattoni</i> (De Beauchamp, 1907)	x	x	x	x		x
<i>T. dixonnuttalli</i> (Jennings, 1903)					x	
<i>T. elongata</i> (Gosse, 1886)	x		x		x	
<i>T. e. braziliensis</i> (Murray, 1913)					x	
<i>T. flagellata</i> Hauer, 1937	x					
<i>T. gracilis</i> (Tessin, 1890)		x	x			
<i>T. heterodactyla</i> (Tschugunoff, 1921)	x	x	x	x	x	x
<i>T. iernis</i> (Gosse, 1887)	x	x	x	x	x	x
<i>T. inermis</i> (Linder, 1904)	x	x	x	x	x	x
<i>T. insignis</i> (Herrick, 1885)	x		x		x	
<i>T. insulana</i> (Hauer, 1937)	x	x	x	x	x	
<i>T. longiseta</i> (Schränk, 1802)						x

<i>T. macera</i> (Gosse, 1886)				X		X
<i>T. mus</i> Hauer, 1938	X	X	X		X	X
<i>T. pusilla</i> (Jennings, 1903)	X	X	X	X	X	X
<i>T. rattus</i> (Müller, 1776)	X	X			X	X
<i>T. rousseleti</i> (Voigt, 1902)					X	
<i>T. ruttneri</i> Donner, 1953	X	X	X	X	X	X
<i>T. scipio</i> (Gosse, 1886)	X	X	X		X	X
<i>T. similis</i> (Wierzejski, 1893)	X	X	X	X	X	X
<i>T. s. grandis</i> Hauer, 1965	X	X	X		X	X
<i>T. stylata</i> (Gosse, 1851)	X	X	X		X	
<i>T. tigris</i> (Müller, 1786)	X					
Euchlanidae						
<i>Beauchampiella eudactylota</i> (Gosse, 1886)	X	X	X	X	X	X
<i>Dipleuchlanis propatula</i> (Gosse, 1886)	X	X	X	X	X	X
<i>Euchlanis deflexa</i> (Gosse, 1851)	X	X	X	X	X	
<i>E. dilatata</i> Ehrenberg, 1832	X	X	X	X	X	X
<i>E. dilatata lucksiana</i> Hauer, 1930	X	X	X	X	X	X
<i>E. incisa</i> Carlin, 1939	X	X	X	X	X	X
<i>E. oropha</i> Gosse, 1887	X	X	X		X	X
Mytilinidae						
<i>Mytilina bisulcata</i> (Lucks, 1912)	X		X			
<i>M. macrocerca</i> (Jennings, 1894)	X	X				
<i>M. mucronata</i> (Müller, 1773)	X	X	X	X	X	X
<i>M. m. spinigera</i> (Ehrenberg, 1830)		X			X	
<i>M. ventralis</i> (Ehrenberg, 1830)	X	X	X	X	X	X
<i>M. v. macrachanta</i> (Gosse, 1886)	X	X	X		X	X
Notommatidae						
<i>Cephalodella anebodica</i> Bērziņš, 1976		X				
<i>C. gibba</i> (Ehrenberg, 1830)	X	X	X		X	X
<i>C. forficula</i> (Ehrenberg, 1830)	X					
<i>C. mucronata</i> Myers, 1924	X		X			
<i>C. obvia</i> Donner, 1950	X	X	X	X	X	X
<i>C. sterea</i> (Gosse, 1887)	X				X	

<i>C. tenuiseta</i> (Burn, 1890)	x					
<i>Enteroplea lacustris</i> Ehrenberg, 1830	x	x	x	x	x	x
<i>Eosphora anthadis</i> Haring e Myers 1922	x		x			
<i>Monommata actices</i> Myers, 1930						x
<i>M. arndti</i> Remane, 1933					x	x
<i>M. caeca</i> Myers, 1930						x
<i>M. dentata</i> Wulfert, 1940	x	x				
<i>M. grandis</i> Tessin, 1890	x					
<i>M. maculata</i> Haring e Myers, 1930	x				x	x
<i>Notommata cerberus</i> (Gosse, 1886)					x	x
<i>N. copeus</i> Ehrenberg, 1834	x	x	x	x		x
<i>N. falcinella</i> Haring e Myers, 1922				x	x	x
<i>N. pachyura</i> (Gosse, 1886)	x	x	x		x	x
<i>N. pseudocerberus</i> De Beauchamp, 1908	x		x		x	
<i>N. saccigera</i> Ehrenberg, 1830					x	
<i>Pleurotrocha robusta</i> (Glascott, 1893)	x					
Scaridiidae						
<i>Scaridium longicaudum</i> (Müller, 1786)					x	
Synchaetidae						
<i>Ploesoma lenticulare</i> Herrick 1885	x	x	x	x	x	
<i>P. truncatum</i> (Levander, 1894)	x	x	x	x	x	x
<i>Polyarthra dolichoptera</i> Idelson, 1924	x	x	x	x	x	x
<i>P. remata</i> Skorikov, 1896	x	x	x	x	x	x
<i>P. vulgaris</i> Carlin, 1943	x	x	x	x	x	x
<i>Synchaeta longipes</i> Gosse, 1887		x				
<i>S. oblonga</i> Ehrenberg, 1832	x	x	x	x	x	x
<i>S. pectinata</i> Ehrenberg 1832	x	x	x	x	x	x
<i>S. stylata</i> Wierzejski, 1893	x	x	x	x		x
Trichotriidae						
<i>Macrochaetus collinsii</i> (Gosse, 1867)	x		x			x
<i>M. longipes</i> Myers, 1934	x				x	x
<i>M. sericus</i> (Thorpe, 1893)	x	x	x		x	x
<i>Trichotria tetractis</i> (Ehrenberg, 1830)	x	x	x		x	x

Thoracosphaeraceae						
<i>Trochosphaera aequatorialis</i> Semper, 1872	x	x				
Bdelloidea						
Bdelloidea	x	x	x		x	x
CLADOCERA						
Moinidae						
<i>Moina minuta</i> Hansen, 1899	x	x	x	x	x	x
<i>M. micrura</i> Kurz, 1874	x	x	x	x	x	x
<i>M. reticulata</i> (Daday, 1905)	x	x	x		x	x
<i>M. rostrata</i> McNair, 1980	x		x			x
<i>Moinodaphnia macleayi</i> (King, 1853)	x		x			
Bosminidae						
<i>Bosmina hagdmani</i> Stingelin, 1904	x	x	x	x	x	x
<i>B. frey</i> De Melo e Hebert, 1994	x	x	x	x	x	x
<i>B. tubicen</i> Brehm, 1939	x	x	x	x	x	x
<i>Bosminopsis deitersi</i> Richard, 1895	x	x	x	x	x	x
Daphniidae						
<i>Ceriodaphnia reticulata</i> (Jurine, 1820)	x	x	x	x	x	
<i>Ceriodaphnia cornuta</i> Sars, 1886	x	x	x		x	x
<i>C. silvestrii</i> Daday, 1902	x	x	x	x	x	x
<i>C. laticaudata</i> P.E.Müller 1867			x			
<i>C. richardi</i> Sars, 1901	x		x	x		x
<i>Daphnia gessneri</i> Herbst, 1967	x	x	x	x	x	x
<i>D. laevis</i> Birge, 1878	x			x	x	
<i>D. ambigua</i> Scourfield, 1947	x					
<i>D. lumholtzi</i> (Sars, 1886)				x		
<i>Scapholeberis cf. armatafreyi</i> Dumont e Pensaert, 1983	x	x				
<i>Simocephalus serrulatus</i> (Koch, 1841)		x			x	
<i>S. latirostris</i> Stingelin, 1906	x	x		x	x	x
<i>S. vetulus</i> (O. F. Muller. 1776)	x					
<i>S. punctatus</i> Orlova-Bienkowskaja, 1998						x
Sididae						
<i>Diaphanosoma birgei</i> Korinek, 1981	x	x	x	x	x	x

<i>D. brevirreme</i> Sars, 1901	x	x	x	x	x	x
<i>D. fluviatile</i> Hansen, 1899	x	x	x		x	x
<i>D. spinulosum</i> Herbst, 1967	x	x	x	x	x	x
<i>D. polyspina</i> Korovchinsky, 1982	x	x		x	x	x
<i>Sarsilatona serricauda</i> (Sars, 1901)		x				x
Chydoridae						
<i>Acroperus tupinamba</i> Sinev e Elmoor-Loureiro, 2010	x	x	x			
<i>Alona ossiani</i> Sinev, 1998	x	x	x	x	x	x
<i>A.cf. guttata</i> Elmoor-Loureiro, 2010	x	x		x	x	x
<i>A dentifera</i> (Sars 1901)	x		x		x	
<i>A. intermedia</i> Sars, 1862			x			
<i>A. yara</i> Sinev e Elmoor-Loureiro, 2010			x			
<i>Anthalona verrucosa</i> (Sars, 1901)	x	x	x	x	x	x
<i>Alonella dadayi</i> Birge, 1910	x	x	x		x	x
<i>Camptocercus australis</i> Sars, 1896	x	x	x	x	x	x
<i>Coronatella monacantha</i> (Sars, 1901)	x	x	x	x	x	x
<i>C. poppei</i> (Richard, 1897)	x	x	x	x	x	x
<i>Chydorus eurynotus</i> Sars, 1901	x	x	x	x	x	x
<i>C. parvireticulatus</i> Frey, 1897	x	x	x			x
<i>C. pubescens</i> Sars, 1901	x	x	x		x	x
<i>C. nitidulus</i> (Sars, 1901)						x
<i>C. cf. sphaericus</i> sens. lat. (O. F. Muller. 1776)	x	x				
<i>Disparalona cf. hamata</i> (Birge, 1879)		x				x
<i>Dunhevedia odontoplax</i> Sars, 1901	x	x				
<i>Ephemeroporus tridentatus</i> (Bergamin, 1931)				x	x	x
<i>E. barroisi</i> (Richard, 1894)		x			x	
<i>E. hybridus</i> (Daday, 1905)						x
<i>Euryalona orientalis</i> (Daday, 1898)	x	x	x			
<i>E. brasiliensis</i> Brehm e Thomsen, 1936	x	x	x	x	x	x
<i>Flavalona iheringula</i> (Kotov e Sinev, 2004)	x					
<i>Karualona muelleri</i> (Richard, 1897)	x	x				
<i>Kurzia. polyspina</i> Hudec, 2000	x	x	x			
<i>K. longirostris</i> (Daday, 1898)	x	x	x			

<i>Leberis davidi</i> (Richard, 1895)				X		
<i>Leydigiopsis curvirostris</i> Sars, 1901	X		X			
<i>Notoalona sculpta</i> (Sars, 1901)	X	X	X	X	X	X
<i>Nicsmirnovius paggii</i> Sousa e Elmoor-Loureiro, 2017	X					
<i>Oxyurella ciliata</i> Bergamin, 1839	X	X	X			
Ilyocryptidae						
<i>Ilyocryptus spinifer</i> Herrick, 1882	X	X	X	X	X	X
Macrothricidae						
<i>Macrothrix elegans</i> Sars, 1901	X	X	X	X	X	X
<i>M. squamosa</i> Sars, 1901	X	X	X	X	X	X
<i>M. superaculeata</i> (Smirnov, 1992)		X				
<i>M. laticornis</i> (Jurine, 1820)	X					
<i>Grimaldina brazzai</i> Richard, 1892	X	X	X			
<i>Guernella raphaelis</i> Richard, 1892	X	X	X			

COPEPODA

Cyclopidae

<i>Acanthocyclops robustus</i> (Sars, 1863)						X
<i>Eucyclops ensifer</i> Kiefer 1936	X					
<i>E. rubescens</i> (Brady 1904)				X		X
<i>E. solitarius</i> Herbst, 1959		X				
<i>Macrocyclops albidus</i> (Jurine 1820)					X	
<i>Mesocyclops aspericornis</i> (Daday, 1966)					X	X
<i>M. longisetus curvatus</i> Dussart, 1987		X		X	X	X
<i>M. meridianus</i> (Kiefer, 1926)	X	X	X	X	X	X
<i>M. ogunnus</i> Onabamiro, 1957			X	X		X
<i>M. ellipticus</i> Kiefer, 1936					X	X
<i>Metacyclops laticornis</i> (Lowndes, 1934)	X			X		X
<i>Metacyclops mendocinus</i> (Wierzejsy, 1892)	X				X	X
<i>M. anceps</i> (Richard, 1897)	X	X	X	X	X	X
<i>M. ceibaensis</i> (Marsh, 1919)		X				X
<i>Paracyclops chiltoni</i> (Thomson, 1883)	X	X	X			X
<i>Thermocyclops decipiens</i> (Kiefer, 1929)	X	X	X	X	X	X

<i>T. inversus</i> (Kiefer, 1936)	x	x	x	x	x	x
<i>T. minutus</i> (Lowndes, 1934)	x	x	x	x	x	x
<i>Tropocyclops prasinus</i> (Fischer, 1860)	x	x	x	x	x	x
Diaptomidae						
<i>Argyrodiaptomus azevedoi</i> (Wright, 1935)	x	x	x	x	x	x
<i>A. furcatus</i> (Sars, 1901)				x		x
<i>Notodiaptomus anisitsi</i> (Daday, 1905)	x	x				
<i>N. cearensis</i> (Wright, 1936)	x	x	x	x	x	x
<i>N. conifer</i> (Sars, 1901)	x	x	x	x	x	x
<i>N. deitersi</i> (Poppe, 1891)	x			x	x	x
<i>N. henseni</i> (Dahl, 1894)	x	x	x	x	x	x
<i>N. iheringi</i> (Wright, 1935)	x	x		x	x	x
<i>N. incompositus</i> (Brian, 1925)				x		x
<i>N. isabelae</i> (Wright, 1936)	x	x	x	x		x
<i>N. jatobensis</i> (Wright, 1936)				x		x
<i>N. spinuliferus</i> Dussart e M. Tundisi, 1986				x	x	x
<i>Odontodiaptomus paulistanus</i> (Wright, 1936)	x	x	x			

Table S3. Size of taxa indicative of changes in productivity-related variables in the undammed and dammed system. *Tamanho dos táxons indicadores das mudanças nas variáveis relacionadas à produtividade no sistema não barrado e barrado.*

	Measures of size	Undammed	Dammed	Classification
ROTIFERA				
Brachionidae				
<i>Keratella tropica</i>	115.4	x		Small
Dicranophoridae				
<i>Dicranophoroides claviger</i>	187.0		X	Small
Euchlanidae				
<i>Dipleuchlanis propatula</i>	508.0		X	Large
<i>Euchlanis deflexa</i>	275.0	x		Medium
<i>Platyias quadricornis</i>	141.6	x		Small
Gastropodidae				
<i>Ascomorpha ecaudis</i>	170.0	x		Small
Hexarthridae				
<i>Hexarthra mira</i>	151.9	x		Small
Lecanidae				
<i>Lecane curvicornis</i>	131.2	x		Small
<i>Lecane elsa</i>	150.0	x		Small
<i>Lecane lunares</i>	101.9	x		Small
<i>Lecane papuana</i>	107.7	x		Small
Notommatidae				
<i>Cephalodella mucronata</i>	209.0	x		Medium
<i>Enteroplea lacustris</i>	431.5		x	Large
<i>Notommata copeus</i>	544.5		x	Large
Mytilinidae				

<i>Mytilina ventralis</i>	175.0		x	Small
Testudinellidae				
<i>Testudinella patina</i>	350.0		x	Large
Trichocercidae				
<i>Trichocerca mus</i>	59.5	x		Small
<i>Trichocerca stylata</i>	167.0	x		Small
Synchaetidae				
<i>Ploesoma lenticulare</i>	254.5		x	Medium
<i>Synchaeta oblonga</i>	110.3	x		Small
CLADOCERA				
Chidoridae				
<i>Coronatella poppei</i>	393.5	x		Small
<i>Notoalona sculpta</i>	430.0		x	Medium
Daphniidae				
<i>Ceriodaphnia cornuta</i>	291.1		x	Small
<i>Ceriodaphnia silvestrii</i>	450.0		x	Medium
<i>Daphnia gessneri</i>	812.5		x	Large
Macrothricidae				
<i>Macrothryx elegans</i>	300.0	x		Small
Moinidae				
<i>Moina minuta</i>	612.0		x	Large
Sididae				
<i>Diaphanosoma birgei</i>	506.4		x	Medium
COPEPODA				
Cyclopidae				
<i>Mesocyclops meridianus</i>	767.4		x	Small
<i>Microcyclops anceps</i>	750.0	x		Small
Diaptomidae			X	

<i>Notodiaptomus cearensis</i>	1110.0		X	Medium
<i>Notodiaptomus iheringi</i>	922.0		X	Medium