

Fonseca da Silva *et al.*, 2019. Can zooplankton grazing affect the functional features of phytoplankton in subtropical shallow lakes? - Experiment *in situ* in the south of Brazil. *Limnetica* 38 (2): 773-785 (2019).

## SUPPLEMENTARY INFORMATION

**Table S1** – Composition of the zooplankton community registered in the experiment, realized in the Garças Lake, in the floodplain of the Upper Paraná river, Brazil. *Composição da comunidade zooplanctônica registrada no experimento, realizado na lagoa das Garças, na planície de inundação do alto rio Paraná, Brasil*

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### ROTIFERS

#### Brachionidae

*Brachionus falcatus* Zacharias (1898)  
*Brachionus mirus angustus* Koste, 1972  
*Kellicottia bostoniensis* (Rousselet, 1908)  
*Keratella americana* Carlin, 1943.  
*Keratella cochlearis* (Gosse, 1851)  
*Keratella lenzi* (Hauer, 1953)  
*Keratella tropica* (Apstein, 1907)  
*Plationus patulus* (Müller, 1786)

#### Euchlanidae

*Euchlanis dilatata* Ehrenberg, (1832)

#### Filiniidae

*Filinia limnetica* (Zacharias, 1893)

#### Gastropodidae

*Ascomorpha ovalis* (Bergendahl, 1892)  
*Ascomorpha saltans* Bartsch, 1870

#### Ituridae

*Itura chamadis* Haring e Myers, 1928  
*Itura deridderae* Segers, 1993

#### Lecanidae

*Lecane bulla* (Gosse, 1851)  
*Lecane curvicornis* (Murray, 1913)  
*Lecane elsa* Hauer, 1931  
*Lecane hornemanni* (Ehrenberg) after Wang (1961)  
*Lecane leontina* (Turner, 1892)  
*Lecane ludwigii* (Eckstein, 1883)

*Trichocerca brasiliensis* (Gosse, 1886)

*Trichocerca capucina* (Wierzejski e Zacharias, 1893)

*Trichocerca collaris* (Rousselet, 1896)

*Trichocerca cylindrica* (Imhof, 1891)

*trichocerca dixon nutalli* (Jennings, 1903)

*Trichocerca elongata* (Gosse, 1886)

*Trichocerca insulana* (Hauer, 1937)

*Trichocerca longiseta* (Schrank, 1802)

*Trichocerca similis* (Wierzejski, 1893)

*Trichocerca similis grandis* (Wierzejski, 1893)

Bdelloidea

### CLADOCERANS

#### Bosminidae

*Bosmina hagemanni* Stingelin, 1904  
*Bosminopsis deitersi* Richard, 1895

#### Chydoridae

*Alona dentifera* Sars, 1901  
*Alona verrucosa* Sars, 1901  
*Coronatella poppei* (Richard, 1897)  
*Ephemeroporus barroisi* (Richard, 1894)

#### Daphnidae

*Ceriodaphnia cornuta* Sars, 1886  
*Ceriodaphnia reticulata* (Jurine) 1820  
*Ceriodaphnia silvestrii* Daday, 1902  
*Daphnia gessneri* Herbst, 1967  
*Simocephalus semisseratus* (Kock, 1841)  
*Simocephalus serrulatus* (Koch, 1841)

*Lecane papuana* (Murray, 1913)

**Mytilinidae**

*Mytilinia acanthophora* Hauer 1938

**Synchaetidae**

*Ploesoma truncate* (Levander, 1894)

*Polyarthra dolicoptera* Idelson, 1925

*Synchaeta oblonga* Ehrenberg, 1832

*Synchaeta pectinate* Ehrenberg, 1832

*Synchaeta stylata* Wierzejski, 1893

**Trichocercidae**

*Trichocerca agnate* Wulfert, 1939

*Trichocerca bicristata* (Gosse, 1887)

**COPEPODS**

**Cyclopidae**

*Mesocyclops meridianus* Kiefer, 1926

*Mesocyclops ogunnus* Onabamiro, 1957

*Microcyclops anceps* Claus, 1893

*Thermocyclops decipiens* (Kiefer, 1929)

*Thermocyclops minutus* (Lowndes, 1934)

**Diaptomidae**

*Notodiaptomus henseni* Dahl 1894

**Ilyocryptidae**

*Ilyocryptus spinifer* Herrick, 1882

**Macrothricidae**

*Macrothrix elegans* (Sars, 1901)

*Macrothrix sioli* Smirnov, 1992

*Macrothrix spinosa* King, 1853

*Macrothrix squamosa* Sars, 1901

**Sididae**

*Diaphanosoma brevireme* Sars, 1901

*Diaphanosoma spinulosum* Herbst, 1975

*Sarsilatona* sp

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**Figure S1** – Linear regression models between the abundance of predators (zooplankton) and features of the prey (phytoplankton) community. R-squared is the coefficient of determination,  $\beta_0$  and  $\beta_1$  are the intercept and slope coefficient from linear models, respectively, regressions were significant if  $p < 0.05$ . *Regressões lineares significativas ( $p < 0.05$ ) entre predadores e os atributos das presas verificadas no experimento de pressão de predação, r-quadrado (porcentagem de explicação do modelo), coeficiente linear ( $\beta_0$ ), coeficiente angular ( $\beta_1$ ) e valores de  $p$ .*





