

Supplementary material

How water level management affects cladoceran assemblages in lakes lateral to a reservoir

José Roberto Debastiani-Júnior^{A,B} and Marcos Gomes Nogueira^A

^ADepartamento de Zoologia, Instituto de Biociências de Botucatu – UNESP, Distrito de Rubião Jr, s/n, CEP 18618-970, Botucatu, SP, Brazil.

^BCorresponding author. Email: debastianijunior@gmail.com

Table S1. Species found in the present study with the respective identification codes used in the Canonical Correspondence Analysis (CCA)

Bosminidae Sars, 1865
<i>Bosmina freyi</i> De Melo & Hebert, 1994 – Bfr ^A
<i>Bosmina hagmanni</i> Stingelin, 1904 – Bha ^A
<i>Bosminopsis deitersi</i> Richard, 1895 – Bde ^A
Chydoridae Stebbing, 1902
Aloninae Frey, 1967
<i>Acroperus tupinamba</i> Sinev & Elmoor-Loureiro, 2010 – Atu
<i>Alona dentifera</i> (Sars, 1901) – Ade
<i>Alona glabra</i> Sars, 1901 – Agl
<i>Alona</i> cf. <i>guttata</i> Sars, 1862 – Agu ^A
<i>Alona iheringula</i> Kotov & Sinev, 2004 – Aih
<i>Alona ossiani</i> Sinev, 1998 – Aos
<i>Alona</i> , sp. nov. (?) – Asp ^A
<i>Anthalona verrucosa</i> (Sars, 1901) – Ave ^A
<i>Camptocercus australis</i> Sars, 1896 – Cau
<i>Graptoleberis occidentalis</i> Sars, 1901 – Goc
<i>Kurzia polyspina</i> Hudec, 2000 – Kpo
<i>Leberis davidi</i> (Richard, 1895) – Lda
<i>Leydigia striata</i> Berabén, 1939 – Lst
<i>Notoalona sculpta</i> (Sars, 1901) – Nsc
<i>Oxyurella longicaudis</i> (Birge, 1910) – Olo
Chydorinae Stebbing, 1902
<i>Alonella dadayi</i> Birge, 1910 – Ada
<i>Chydorus eurynotus</i> Sars, 1901 – Ceu
<i>Chydorus nitidulus</i> (Sars, 1901) – Cni
<i>Chydorus pubescens</i> Sars, 1901 – Cpu
<i>Chydorus</i> cf. <i>sphaericus</i> sens. lat. – Csp
<i>Dunhevedia odontoplax</i> Sars, 1901 – Dod
<i>Ephemeroporus hybridus</i> (Daday, 1905) – Ehy
<i>Ephemeroporus tridentatus</i> (Bergamin, 1939) – Etr
Daphniidae Straus, 1820
<i>Ceriodaphnia cornuta</i> Sars, 1885 – Cco ^A
<i>Ceriodaphnia silvestrii</i> Daday, 1902 – Csi ^A
<i>Daphnia gessneri</i> Herbst, 1967 – Dge ^A
<i>Scapholeberis armata freyi</i> Herrick, 1882 – Sar
<i>Simocephalus acutirostratus</i> (King, 1853) – Sac
<i>Simocephalus latirostris</i> Stingelin 1906 – Sla
<i>Simocephalus serrulatus</i> (Koch, 1841) – Sse
Ilyocryptidae Smirnov, 1992
<i>Ilyocryptus spinifer</i> Herrick, 1882 – Isp ^A
Macrothricidae Norman & Brandy, 1867
<i>Macrothrix elegans</i> Sars, 1901 – Mel ^A
<i>Macrothrix squamosa</i> Sars, 1901 – Msq ^A
Moinidae Goulden, 1968
<i>Moina micrura</i> Kurz, 1875 – Mmc
<i>Moina minuta</i> Hansen, 1899 – Mmi ^A
<i>Moina reticulata</i> (Daday, 1905) – Mre ^A
Sididae Baird, 1850
<i>Diaphanosoma</i> cf. <i>birgei</i> Korineck, 1981 – Dbi ^A
<i>Diaphanosoma brevireme</i> Sars, 1901 – Dbr
<i>Diaphanosoma fluviatile</i> Hansen, 1899 – Dfl ^A
<i>Diaphanosoma spinulosum</i> Herbst, 1975 – Dsp
<i>Latonopsis australis</i> Sars, 1888 – Lau
<i>Pseudosida ramosa</i> (Daday, 1904) – Pra

^AThe most frequent species in the quantitative samples (>20% of samples of each lake).