

**PHYTOPLANKTON FUNCTIONAL GROUPS DRIVEN BY  
ALTERNATIVE STATES IN A TROPICAL FLOODPLAIN LAKE  
(PANTANAL, BRAZIL)**

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**Supplementary Material 1.** Relative contribution of the descriptor species of the Reynolds functional groups dominating the phytoplankton at each sampling site (municipality of Poconé, state of Mato Grosso, Brazil), in the periods of receding (PI), low water and beginning of the rising (PII) and end of the rising, high water and second receding (PIII).

	Species	GF	%
<b>Períod I</b>			
E1	<i>Closterium porrectum/Aulacoseira gessneri/Staurastrum leptocadum/ Aphanocapsa holsatica/Anathece minutissima/ Anathece smithii/ Cyclotella sp./ Chromulinales/ Cryptomonas sp./ Euglenales/ Oedogonium sp./ Aulacoseira gessneri/</i>	P/P/P/K/K/K/A/X3/Y/W1/T D	13/6/4/11/4/4/7/6/6/6/9
E2	<i>Anathece minutissima/ Aphanocapsa planctonica/ Aphanocapsa holsatica/ Cyclotella sp./ Euglenales/ Hariotina reticulata/ Cryptomonas sp./ Botryococcus braunii/ Chromulinales /Aulacoseira gessneri/</i>	P/K/K/K/A/W 1/J/Y/F/X3	18/14/6/4/8/7/5/5/4/4
E3	<i>Chromulinales/ Anathece minutissima/ Aphanocapsa planctonica/Cryptomonas sp./ Euglenophyceae/ Botryococcus braunii/Cyclotella sp./ Oscillatoriales/ Aphanocapsa holsatica</i>	P/X3/K/K/Y/ W1/F/A/MP/K	14/10/8/5/7/7/6/4/4/4
<b>Períod II</b>			
E1	<i>Aulacoseira granulata/Hariotina reticulata/Chroococcales colonial/ Anathece minutissima/Botryococcus braunii/ Dolichospermum planctonicum/ Dolichospermum circinalis / Aulacoseira granulata</i>	P/J/F/K/F/H2/ H1	29/14/8/7/7/7/5
E2	<i>Aulacoseira ambigua/Aulacoseira gessneri/ Hariotina reticulata/ Anathece minutissima/ Chroococcales colonial/Dolichospermum circinalis/ Botryococcus braunii / Aulacoseira granulata/ Aulacoseira gessneri/ Hariotina reticulata/</i>	P/C/P/J/K/F/H 1/F	23/9/4/15/10/7/5/4
E3	<i>Botryococcus braunii/ Chroococcales colonial</i>	P/P/J/F/F	34/15/10/8/8
<b>Períod III</b>			
E1	<i>Botryococcus braunii/Aphanocapsa planctonica/ Anathece minutissima/ Oscillatoriales/ Trichodesmium iwanoffianum/ Chromulinales/ Hariotina reticulata/Chroococcales colonial/ Cryptomonas ovata/ Euglenales/Mougeotia sp./Synura sp.</i>	F/K/K/MP/S/ X3/J/F/Y/W1/ T/ Ws	10/10/5/7/4/7/6/6/6/6/4/4
E2	<i>Hariotina reticulata/Aphanocapsa planctonica/ Anathece minutissima /Aphanocapsa incerta/ Oscillatoriales/ Chromulinales/ Cryptomonas sp./ Closterium porrectum/ Aulacoseira ambigua/ Botryococcus braunii/ Cryptomonas ovata</i>	J/K/K/K/MP/ X3/Y/P/P/F/Y	13/8/6/4/8/8/6/5/5/4/4
E3	<i>Aulacoseira ambigua/Aphanocapsa planctonica/Aphanothece minutissima/Chroococcales colonial/Botryococcus braunii/ Bambusina borrii/Mougeotia sp./ Chromulinales/ Cryptomonas sp./Oscillatoriales/ Crucigeniella crucifera/ Hariotina reticulata</i>	C/K/K/F/F/TD /T/X3/Y/MP/ X1/J	11/7/7/6/7/6/5/5/5/4/4/4