

**INTER-ANNUAL VARIATION OF OSTRACOD (CRUSTACEA)  
COMMUNITIES IN THE UPPER PARANÁ RIVER FLOODPLAIN,  
BRAZIL**

*Janet Higuti<sup>1\*</sup>, Jonathan Rosa<sup>1</sup>, Vitor Góis Ferreira<sup>1</sup>, Nadiny Martins de Almeida<sup>1</sup>, Ramiro de Campos<sup>1</sup>, Eliezer de Oliveira da Conceição<sup>1</sup> & Koen Martens<sup>2</sup>*

<sup>1</sup> Universidade Estadual de Maringá, Núcleo de Pesquisa em Limnologia, Ictiologia e Aquicultura, Programa de Pós-Graduação em Ecologia de Ambientes Aquáticos Continentais, Av. Colombo, 5790, CEP 87020-900. Maringá, PR, Brazil.

<sup>2</sup> Royal Belgian Institute of Natural Sciences, OD Natural Environments, Freshwater Biology, Vautierstraat 29, 1000 Brussels, Belgium. University of Ghent, Department of Biology, K.L. Ledeganckstraat 35, 9000 Ghent, Belgium. E-mail:

E-mails: janethiguti@gmail.com (\*corresponding author); jonathandarosa95@gmail.com; v.gferreira94@gmail.com; nadinymartinsdealmeida@gmail.com; rami\_campos@hotmail.com; eliezer.oliveira.c@gmail.com; darwinula@gmail.com.

**Supplementary Material**

**Table S1.** Ostracod species from the two lakes and two rivers of the Upper Paraná River floodplain studied in the present paper.

	Lakes					Rivers				
	2004	2011	2012	2017	2018	2004	2011	2012	2017	2018
<b>Family Cyprididae Baird, 1845</b>										
<i>Bradleytribella lineata</i> (Victor & Fernando, 1981)			+		+	+				
<i>Bradleytribella trispinosa</i> (Pinto & Purper, 1965)		+			+	+			+	+
<i>Cabelodopsis hispida</i> (Sars, 1901)	+	+	+	+	+	+	+	+	+	+
<i>Chlamydotheca deformis</i> Farkas, 1958	+				+	+				
<i>Chlamydotheca iheringi</i> (Sars, 1901)		+	+		+	+	+			
<i>Chlamydotheca</i> cf. <i>iheringi</i>				+	+	+				
<i>Chlamydotheca</i> sp. 2					+					
<i>Cypretta costata</i> G. W. Müller, 1898	+	+	+	+	+	+	+	+	+	+
<i>Cypretta</i> n. sp. 3						+				
<i>Cypricercus</i> sp. nov.	+	+	+	+	+	+	+	+	+	+
<i>Cypricercus</i> n. sp. 1									+	
<i>Cypridopsis vidua</i> (O. F. Müller, 1776)		+	+	+	+	+		+	+	

<i>Cypridopsis</i> cf. <i>vidua</i> sp.2	+		+	+	+	+	+	+	
<i>Cypridopsis</i> n.gen. 1 n. sp.1				+				+	
<i>Cypridopsis</i> n.gen. 2 n.sp.1		+		+				+	+
<i>Diaphanocypris meridana</i> (Furtos, 1936)	+	+	+	+	+	+	+	+	+
<i>Neocypridopsis nana</i> (Sars, 1901)	+	+		+	+	+	+		
<i>Stenocypris major</i> (Baird, 1859)							+		
<i>Stenocypris malayica</i> Victor & Fernando, 1981							+	+	+
<i>Strandesia nakatanii</i> Ferreira <i>et al.</i> , 2020	+	+		+	+	+	+		+
<i>Strandesia lansactohai</i> Higuti & Martens, 2013	+		+	+	+	+	+	+	+
<i>Strandesia mutica</i> (Sars, 1901)	+	+	+	+	+	+	+		+
<i>Strandesia nupelia</i> Higuti & Martens, 2013	+	+	+	+	+	+	+	+	+
<i>Strandesia psittacea</i> (Sars, 1901)	+	+	+		+	+	+		+
<i>Strandesia tolimensis</i> Roessler, 1990					+				
<i>Strandesia variegata</i> (Sars, 1901)				+	+				
<i>Strandesia velhoi</i> Higuti & Martens, 2013					+				
<i>Strandesia</i> sp. 2					+				
<b>Family Candonidae Kaufmann, 1900</b>									
<i>Candobrasilopsis brasiliensis</i> (Sars, 1901)	+	+	+	+		+	+	+	+
<i>Candobrasilopsis elongata</i> Higuti & Martens, 2014	+	+	+	+	+	+	+	+	+
<i>Candobrasilopsis rochai</i> Higuti & Martens, 2012	+	+		+	+	+	+		+
<i>Physocypris schubarti</i> Farkas, 1958	+					+			
<i>Pseudocandona agostinhoi</i> Higuti & Martens, 2014	+	+			+	+			+
<i>Pseudocandona cillisi</i> Higuti & Martens, 2014	+	+		+		+		+	
<b>Family Limnocytheridae Sars, 1925</b>									
<i>Cytheridella ilosvayi</i> Daday, 1905	+	+	+	+	+	+	+	+	+
<b>Family Darwinulidae Brady &amp; Robertson, 1885</b>									
<i>Alicenula serricaudata</i> (Klie, 1935)	+	+		+	+	+	+	+	+
<i>Penthesilenula brasiliensis</i> (Pinto & Kotzian, 1961)		+		+	+	+	+	+	+
<i>Vestalenula pagliolii</i> (Pinto & Kotzian, 1961)	+	+		+	+	+	+	+	+