

Moraes *et al.*, 2027. Environmental patterns structure of testate amoebae assemblages in Neotropical Conservation Units. *Limnetica*, 46(1), 2027

SUPPLEMENTARY MATERIAL

Table S1. Composition and relative abundance (%) of testate amoebae in the Neotropical Conservation Units, PARNA and REVIS, at the sampling points (P1 to P12) and precipitation levels (LP: low precipitation and HP: high precipitation). *New occurrences for the state of Bahia. N: Number of *taxa*. *Composição e abundância relativa (%) das amebas testáceas nas Unidades de Conservação Neotropicals, PARNA e REVIS, nos pontos de amostragem (P1 a P12) e nos níveis de precipitação (LP: baixa precipitação e HP: alta precipitação).* *Ocorrências novas para o estado da Bahia. N: Número de *taxa*.

N.	Taxa	P1		P2		P3		P4		P5		P6		P7		P8		P9		P10		P11		P12	
		LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP
FILO AMOEBOZOA																									
 Incertae sedis																									
sp62	<i>*Jungia cf. sundanensis</i> (Van Oye, 1949)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FILO CERCOZOA																									
 Family Cyphoderiidae (de Saedeleer, 1934)																									
sp63	<i>*Cyphoderia amphoralis</i> (Wailes & Penard, 1911)	0.8	2.0	0.0	0.0	0.9	0.9	0.5	0.0	0.0	0.0	2.5	0.0	0.2	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sp64	<i>Cyphoderia ampulla</i> (Ehrenberg, 1840)	6.9	9.2	2.8	5.5	8.6	6.4	18.2	18.2	10.4	6.1	14.8	8.9	15.6	16.6	2.3	2.1	8.8	6.0	11.2	14.3	7.0	5.8	0.0	0.0
sp65	<i>*Cyphoderia laevis</i> (Penard, 1902)	1.1	0.0	0.0	0.0	0.4	0.0	0.7	0.0	0.3	0.0	6.2	0.0	3.5	0.6	0.0	0.0	1.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0
sp66	<i>Cyphoderia</i> sp1	0.2	0.0	0.0	0.0	4.2	0.3	0.5	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
sp67	<i>Cyphoderia</i> sp2	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
 Family Euglyphidae (Wailes, 1919)																									
sp68	<i>Euglypha acanthophora</i> (Ehrenberg, 1841)	1.7	2.0	7.9	1.4	3.4	0.3	4.0	2.1	1.3	0.6	0.0	4.5	1.8	3.2	4.1	0.0	0.5	6.0	2.0	1.2	2.2	2.9	0.0	0.0
sp69	<i>*Euglypha aspera</i> (Penard, 1899)	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sp70	<i>*Euglypha compressa</i> (Carter, 1864)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.6	0.2	0.0	0.0	0.0	0.8	0.0	0.4	1.0	0.0	0.0
sp71	<i>*Euglypha cf. gauthieri</i> (Thomas, 1958)	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
sp72	<i>*Euglypha ciliata glabra</i> (Wailes, 1915)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sp73	<i>Euglypha cristata</i> Leidy, 1874	0.2	0.7	0.0	0.0	0.1	0.0	0.5	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sp74	<i>Euglypha filifera</i> Penard, 1880	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sp75	<i>Euglypha rotunda</i> Wailes & Penard, 1911	1.4	3.9	1.4	6.1	0.8	2.1	0.0	0.7	1.3	0.0	0.6	1.6	0.0	0.1	0.7	1.0	0.8	0.0	1.9	0.4	1.9	0.0	0.0	0.0
sp76	<i>*Euglypha scutigera</i> (Cash & Herbert, 1915)	0.2	0.0	1.4	1.4	1.2	0.0	0.7	0.7	1.6	0.0	1.2	1.3	1.0	0.0	1.3	0.1	1.0	0.8	1.2	0.6	1.8	0.0	1.3	0.0
sp77	<i>Euglypha strigosa</i> (Ehrenberg, 1848)	1.9	0.0	0.0	0.0	0.8	0.0	2.1	0.0	0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0
sp78	<i>Euglypha strigosa glabra</i> Wailes, 1898	1.8	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.7	0.6	1.2	0.0	2.9	0.0	2.4	0.0	0.0	0.0	3.2	0.0	3.9	0.0	2.5	0.0
sp79	<i>Euglypha tuberculata</i> Dujardin, 1841	8.1	6.5	12.6	19.3	4.4	10.9	8.5	12.6	7.8	11.0	6.2	9.6	7.2	10.8	3.3	5.7	6.9	18.0	8.0	9.9	5.7	14.4	5.1	1.4

N.	<i>Taxa</i>	P1		P2		P3		P4		P5		P6		P7		P8		P9		P10		P11		P12	
		LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP
	FILO CERCOZOA																								
	Family Trinemmatidae (Hoogenraad & Groot, 1940)																								
sp80	<i>Trinema complanatum</i> Penard, 1890	2.5	3.3	1.4	6.1	2.5	2.1	1.2	0.0	1.6	0.6	7.4	0.6	1.4	1.9	2.0	1.0	2.0	2.3	2.8	0.0	4.8	2.9	2.5	0.0
sp81	<i>Trinema enchelys</i> (Ehrenberg, 1838)	10.4	4.6	5.1	7.2	4.8	3.0	4.3	5.6	2.9	3.7	2.5	5.7	5.9	9.6	2.0	1.5	1.5	2.3	3.2	4.3	7.0	2.9	0.0	2.8
sp82	* <i>Trinema grandis</i> (Chardez, 1960) Golemansky, 1963	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Incertae sedis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sp83	* <i>Pareuglypha reticulata</i> Penard, 1902	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.5	0.6	0.0	0.6	0.4	0.0	0.5	0.0	0.4	0.0	0.4	1.0	0.0	0.0

Table S2. Abiotic variables by sampling point in the period of low precipitation (LP) and high precipitation (HP) in the Neotropical Conservation Units, PARNA and REVIS. *Variáveis abióticas por ponto de amostragem no período de baixa precipitação (LP) e alta precipitação (HP) nas Unidades de Conservação Neotropicals, PARNA e REVIS.*

Variables	Sampling Points											
	P1		P2		P3		P4		P5		P6	
	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP
Length (m)	12	24	10	15	12	70	50	60	20	20	50	100
Width (m)	1	1.5	5	3	3	8	12	18	2	2.6	8	55
Depth (cm)	10	28	20	19	60	58	85	53	50	63	30	54
Water transparency (cm)	10	25	20	19	60	46	85	53	50	58	30	54
Electrical conductivity ($\mu\text{S}/\text{cm}$)	29.5	20.7	22.06	16	28.6	21.7	108.2	247.3	36.1	25	229	648
Temperature ($^{\circ}\text{C}$)	19.9	22.1	23	25.6	22.6	24.1	24.3	25.3	24.3	24.6	24.7	25.3
Total dissolved solids (ppm)	14.7	9.7	11.3	8	14.3	10	54	123	18	12	115	322.3
Salinity (%)	0	0	0	0	0	0	0	0	0	0	0	0
Variables	Sampling Points											
	P7		P8		P9		P10		P11		P12	
	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP	LP	HP
Length (m)	5	10	--	15	12	20	40	30	12	40	2.5	10
Width (m)	36	1.8	--	1.5	1	1.91	8	12	8	6	4	5
Depth (cm)	50	33	10	20	57	49	75	54	60	32	50	38
Water transparency (cm)	50	28	10	19	30	17	75	54	60	32	50	19
Electrical conductivity ($\mu\text{S}/\text{cm}$)	42	32	40.5	45.3	44.7	34.7	33.1	23.3	22.3	16	4000	3180
Temperature ($^{\circ}\text{C}$)	20.5	21.7	20.6	22	21	24.1	20.7	25.1	19.5	24.8	26	22.3
Total dissolved solids (ppm)	21	16	20.2	22.7	22.4	17	16.6	11.7	11.1	7.5	0.000002	0.00000158
Salinity (%)	0	0	0	0	0	0	0	0	0	0	0.21	0.016