

**Table S1.** List of morphospecies found in the phytotelmata of *Vriesea gigantea*, *Vriesea incurvata*, *Vriesea platynema*, and *Vriesea friburgensis* during the study period.

<b>Eukaryotic Community per each Bromeliad/Altitude</b>				
<b>Morfospecies</b>	<i>V. gigantea</i> (20m)	<i>V. incurvata</i> (400m)	<i>V. friburgensis</i> (910m)	<i>V. platynema</i> (915m)
<b>Rotifera</b>				
Philodinidae I	*	*	*	*
Philodinidae II	*	*	*	*
Philodinidae III	-	*	-	-
<b>Ciliophora</b>				
<i>Lambornella trichoglossa</i>	*	*	*	*
<i>Paramecium caudatum</i>	*	*	*	*
<i>Glaucoma</i> sp.	*	*	*	*
<i>Colpoda</i> sp.	*	*	*	*
<i>Tetrahymena</i> sp. I	*	*	*	*
Unidentified ciliate (Tetrahymenidae)	*	-	*	*
<i>Halteria</i> sp.	*	*	*	*
<i>Stentor</i> sp.	-	-	-	*
<i>Rabdostyla</i> sp.	*	*	*	*
<i>Euplotes</i> sp.	*	*	*	*
<i>Vorticella</i> sp.	-	*	*	*
<i>Loxodes</i> sp.	*	*	*	*
<i>Discomorphella</i> sp.	-	*	-	*
<i>Pleuronema</i> sp.	-	-	-	*
<i>Lagernophrys</i> sp.	-	*	-	-
<i>Trochilia</i> sp.	*	*	-	-
<i>Holostica</i> sp.	*	-	-	-
<i>Spirostomum</i> sp.	*	-	-	-
<i>Metopus</i> sp.	*	-	-	-
Hipotrichia	*	*	*	*
N.i II (Colpodea)	-	-	*	-
N.i III	-	*	-	-
N.i IV	-	*	-	-
<b>Arthropoda</b>				
<i>Atheyella fuhrmani</i> (Copepode)	-	*	*	*
Scirtidae larvae (Coleoptera)	*	*	*	*
Culicidae larvae I (Diptera)	*	*	*	*
Culicidae larvae II (Diptera)	*	*	*	*
Chironomidae larvae I (Diptera)	*	*	*	*
Chironomidae larvae II (Diptera)	*	*	*	*
Ceratopogonidae larvae I (Diptera)	*	*	-	-
Ceratopogonidae larvae II (Diptera)	*	-	-	-
Thaumalidae larvae (Diptera)	-	*	-	-
Psychodidae larvae (Diptera)	*	-	-	-
Acari	*	*	*	*
<i>Elpidium</i> sp. (Ostracode)	*	*	*	*
<i>Elpidium</i> sp. II (Ostracode)	*	*	*	*
<b>Annelida</b>				
<i>Dero</i> sp.	*	*	*	*
Oliochaeta II	-	*	-	*
<b>Nematoda</b>				
Nematode	*	*	*	*
<b>Platyhelminthes</b>				
Flatworm I	*	*	*	-
FlatwormII	*	*	*	*