

Pérez-Uz *et al.*, 2020. Rain-fed granite rock pools in a national park: extreme niches for protists.  
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**SUPPLEMENTARY INFORMATION**

## Further details and references for Table 2

Species	Reported cyst	Further Information	References
<i>Bryometopus pseudochilodon</i>	Undescribed	Resting cyst described only in <i>B. sphagni</i>	Foissner (1993)
<i>Colpoda cucullus</i>	Yes	Reproductive and resting cyst described	Foissner (1993)
<i>Colpoda steinii</i>	Yes	Reproductive and resting cysts described	Foissner (1993)
<i>Ctedoctema</i> sp.	Undescribed	Not indicated in descriptions	Stoeck <i>et al.</i> (2014)
<i>Cyclidium glaucoma</i>	Undescribed	Resting cyst described in some species	-----
<i>Cyclidium</i> sp1.	-----	Assumed cyst. Ciliate described from dried samples.	
<i>Cyclidium</i> sp2.	-----	Assumed cyst. Ciliate described from dried samples.	
<i>Cyrtolophosis minor</i>	Undescribed	Assumed cyst. Ciliate described from dried samples.	Foissner (1993)
<i>Disematostoma</i> sp.	Undescribed	Undescribed. Resting cysts observed in <i>D. bütschlii</i> (Protist Information Server)	
<i>Drepanomonas sphagni</i>	Undescribed	Assumed cyst. Ciliate described from dried samples.	Omar & Foissner (2013)
<i>Enchelys</i> sp.	Yes	Resting cyst described in some species ( <i>E. polynucleata</i> )	
<i>Euplotes</i> sp.	Yes	Resting cyst described in some species ( <i>E. muscicola</i> )	Rawlinson & Gates (1985) Knaippe <i>et al.</i> (1992)
<i>Gastrostyla steinii</i>	Yes	Resting cyst described	Berger (1999)
<i>Gonostomum affine</i>	Yes	Resting Cyst described	Berger (2006)
<i>Halteria grandinella</i>	Yes	Resting Cyst described	Foissner <i>et al.</i> (2007)
<i>Homalogastra setosa</i>	Undescribed	Assumed cyst presence. Dry soil samples used.	Pomp & Wilbert (1988) Finlay <i>et al.</i> (2001) Finlay <i>et al.</i> (2000) Foissner <i>et al.</i> (2008)
Hypotrich 5	-----	-----	-----
<i>Metacystis</i> sp.	Undescribed	-----	-----
<i>Metopus hasei</i>	Yes/undescribed	Assumed cyst presence. Dry soil and bark, wood samples used.	
<i>Metopus palaeformis</i>	Yes	Identified cyst in cultures	Esteban <i>et al.</i> (1995)

<i>Microdiaphanosoma arcuatum</i>	Undescribed	Assumed cyst; dry samples collection from soil	
<i>Nivaliella plana</i>	Undescribed	Assumed cyst; dry samples collection from soil	Foissner (1993) Dumas (1929) in Berger
<i>Oxytricha curta</i>	Undescribed	-----	
<i>Oxytricha granulifera</i>	Yes	Cysts described	Foissner <i>et al.</i> (2007)
<i>Oxytricha longa</i>	Yes	Assumed cyst; soil samples collection	Lara <i>et al.</i> (2007)
<i>Oxytricha setigera</i>	Yes	Assumed cyst; soil samples collection	
<i>Oxytricha</i> sp.	-----	-----	-----
<i>Plagiocampa</i> sp.	Undescribed	Assumed cyst; soil samples collection	Foissner <i>et al.</i> (2002)
<i>Platiophrya binucleata</i>	Undescribed	Assumed cyst; soil samples collection	Foissner (1993)
<i>Platyophrya macrostoma</i>	Undescribed	Assumed cyst; soil samples collection	Foissner (1993)
<i>Platyophrya</i> sp.	-----	Described in some species	Foissner (1993)
<i>Prorodon</i> sp.	Yes	Described resting cysts in some species	
Prostomid 2	-----	-----	-----
<i>Pseudocyrtolophosis alpestris</i>	Undescribed	Assumed cyst; soil samples collection	
<i>Pseudoplatyophrya nana</i>	Undescribed	Assumed cyst; soil samples collection	Foissner (1993)
<i>Sathrophilus</i> sp.	Undescribed	Assumed cyst; soil samples collection	-----
Scutico (unidentified)	-----	-----	-----
<i>Spathidium</i> sp.	Yes	Described Cysts in different species	
<i>Strobilidium</i> sp.	Undescribed	-----	Montagnes (1996) Reid (1987)
<i>Strombidium</i> sp.	Yes	Described Cysts in different species	Kim & Taniguchi (1995) Kim <i>et al.</i> (2008)
<i>Tachysoma pelliellum</i>	Undescribed	Assumed cyst; soil samples collection; not found recently	Berger (1999)
<i>Trachelophyllum apiculatum</i>	Undescribed	Assumed cyst; soil samples collection	Foissner (1995)
<i>Trachelophyllum pusillum</i>	Undescribed	Assumed cyst; soil samples collection	
<i>Trachelophyllum</i> sp.	-----	Assumed cyst; soil samples collection	
Unidentified ciliate species	-----	-----	-----
<i>Uronema nigricans</i>	Undescribed	Assumed cyst; soil samples collection	Pomp & Wilbert (1988)

<i>Urosoma</i> sp.	Yes	Described cyst in different species	Berger (1999)
<i>Urosomoida</i> sp.	Yes	Described cyst in some species	Berger (1999) Foissner <i>et al.</i> (1999)
<i>Urotricha farcta</i>	Undescribed	Not observed	Weisse <i>et al.</i> (2001)
<i>Urotricha globosa</i>	Undescribed	Not observed	Foissner <i>et al.</i> (1999)
<i>Urotricha</i> sp.	-----	-----	-----
<i>Vorticella aquadulcis</i>	Yes	-----	Sun <i>et al.</i> (2013)
<i>Vorticella convallaria</i>	Undescribed	-----	-----
<i>Vorticella microstoma</i>	Yes	Isolated ciliate and kept in culture	Sun <i>et al.</i> (2013) Unpublished observations

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