

Supplementary Material

Algae and prey associated with traps of the Australian carnivorous plant *Utricularia volubilis* (Lentibulariaceae : *Utricularia* subgenus *Polypompholyx*) in natural habitat and in cultivation

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Table S1. Algae species in traps of *U. volubilis*

Taxon	<i>U. volubilis</i> traps from Australia	<i>U. volubilis</i> traps from Jagiellonian University Botanic Garden
Heterokontophyta <i>Bacillariophyceae</i>		

Taxon	<i>U. volubilis</i> traps from Australia	<i>U. volubilis</i> traps from Jagiellonian University Botanic Garden
<i>Brachysira brebissonii</i> Ross in Hartley 1986	+	
<i>Frustulia saxonica</i> Rabenhorst 1853	+	
<i>Microcostatus krasskei</i> (Hustedt) Johansen et Sray 1998		+
<i>Nitzschia palea</i> (Kützing) W. Smith 1856 (fig. 4 F)		+
<i>Pinnularia gibba</i> morfotype 2 Ehrenberg 1843		+
<i>Pinnularia neomajor</i> Krammer 1992		+
<i>Pinnularia viridis</i> (Nitzsch) Ehrenberg 1843		+
Chlorophyta <i>Chlorophyceae</i>		
<i>Carteria</i> Diesing 1866 <i>emend.</i> Francé 1893 (fig. 4 A)		+
<i>Oedogonium spp.</i> Link 1820 (fig. 4 G)	+	+
<i>Oedogonium undulatum</i> (Brébisson) A.Braun 1854 (fig. 2 L)	+	
Heterokontophyta <i>Chrysophyceae</i>		
<i>Dinobryon cylindricum</i> Imhoff 1890	+	
<i>Mallomonas spp.</i> Perty 1851	+	
Chlorophyta <i>Zygnematophyceae</i>		
<i>Actinotaenium cruciferum</i> (De Bary) Teiling 1954	+	
<i>Actinotaenium cucurbita</i> (Brébisson <i>ex</i> Ralfs) Teiling 1954 (fig. 4 D)		+
<i>Actinotaenium inconspicuum</i> (West <i>et</i> G.S. West) Teiling 1954	+	
<i>Closterium acutum</i> Ralfs 1848	+	
<i>Closterium calosporum var. brasiliense</i> Børgesen 1890 (fig. 2 A)	+	
<i>Closterium diana</i> Ralfs 1848 (fig. 2 B)	+	
<i>Closterium diana</i> <i>var. minus</i> Hieronymus 1895	+	
<i>Closterium gracile</i> Ralfs 1848	+	
<i>Closterium leiblenii var. leiblenii</i> Ralfs 1848 (fig. 4 J)		+
<i>Closterium moniliferum</i> Ralfs 1848 (fig. 4 I)		+
<i>Closterium spp.</i> Ralfs 1848	+	
<i>Cosmarium spp.</i> Corda 1834	+	

Taxon	<i>U. volubilis</i> traps from Australia	<i>U. volubilis</i> traps from Jagiellonian University Botanic Garden
<i>Cosmarium amoenum</i> Ralfs 1848 (fig. 2 C)	+	
<i>Cosmarium angulosum</i> var. <i>concinnum</i> (Rabenhorst) West et G.S.West 1901	+	
<i>Cosmarium binum</i> Nordstedt 1880	+	
<i>Cosmarium blytii</i> Wille 1880	+	
<i>Cosmarium boitierense</i> var. <i>inambitosum</i> Kouwets 1998 (fig. 2 H)	+	
<i>Cosmarium botrytis</i> Ralfs 1848	+	
<i>Cosmarium furcatospermum</i> West et G.S.West 1894	+	
<i>Cosmarium impressulum</i> Elfving 1881 (fig. 2 I)	+	
<i>Cosmarium ochtodes</i> Nordstedt 1875 (fig. 2 E)	+	
<i>Cosmarium ordinatum</i> (Børgesen) West et G.S.West 1896	+	
<i>Cosmarium regnelli</i> Wille 1884 (fig. 2 G)	+	
<i>Cosmarium regnelli</i> var. <i>minimum</i> Eichler et Gutwiński 1894	+	
<i>Cosmarium subadoxum</i> Grönblad in Krieger et Gerloff 1965	+	
<i>Cosmarium subcrenatum</i> Hantzsch in Rabenhorst 1861	+	
<i>Cosmarium tetraophthalmum</i> Ralfs 1848 (fig. 2 D)	+	
<i>Cosmarium tinctum</i> var. <i>subretusum</i> Messikommer 1942	+	
<i>Euastrum ansatum</i> var. <i>ansatum</i> Ralfs 1848 (fig. 2 F)	+	
<i>Euastrum dubium</i> var. <i>dubium</i> Nägeli 1849 (fig. 2 J)	+	
<i>Micrasterias truncata</i> Ralfs 1848 (fig. 3 I)		+
<i>Mougeotia</i> spp. C.Agardh 1824	+	+
<i>Pleurotaenium ehrenbergii</i> (Bréb.) De Bary 1858 (fig. 2 M)	+	
<i>Roya pseudoclosterium</i> J.Roy 1896	+	

Taxon	<i>U. volubilis</i> traps from Australia	<i>U. volubilis</i> traps from Jagiellonian University Botanic Garden
<i>Staurastrum pinnatum</i> W.B.Turner 1892	+	
<i>Tetmemorus brebissonii</i> Ralfs 1848 (fig. 4 H)		+
<i>Tetmemorus granulatus</i> Ralfs 1848	+	
<i>Xanthidium</i> cf. <i>armatum</i> Ralfs 1848 (fig. 2 P)	+	
<i>Zygnema</i> spp. C.Agardh 1824	+	
Cyanophyta <i>Cyanophyceae</i>		
<i>Cylindrospermum</i> spp. Kützing ex Bornet & Flahault 1886		+
<i>Merismopedia glauca</i> (Ehrenberg) Kützing 1845 (fig. 4 E)		+
<i>Merismopedia minutissima</i> Joosten 2006 (fig. 2 K)	+	
<i>Oscillatoria</i> spp. Vaucher ex Gomont 1892	+	
<i>Snowella ditorialis</i> (Häyen) Komárek et Hindák 1988		+
Dinophyta <i>Dinophyceae</i>		
<i>Peridinium</i> spp. Ehrenberg 1830	+	
<i>Prorocentrum playfairii</i> R.L.Croome et P.A.Tyler 1987 (fig. 4 N, O)	+	
<i>Prorocentrum foveolata</i> R.L.Croome et P.A.Tyler 1987	+	
<i>Thecanodiniopsis tasmanica</i> Croome, Hallegraeff et Tyler 1987 (fig. Q, R)	+	
Euglenophyta <i>Euglenophyceae</i>		
<i>Entosiphon ovatus</i> Stokes 1887		+
<i>Euglena mutabilis</i> F. Schmitz 1884 (fig. 3 J)		+
<i>Menoidium pellucidum</i> Perty 1852 (fig. 3 H)		+
<i>Petalomonas pusilla</i> Skuja 1948 (fig. 3 E, F)		+
<i>Phacus warszewiczii</i> Drezepolski 1925	+	
<i>Rhabdomonas costata</i> (Korsikov) E.G. Pringsheim 1942 (fig. 3 G)		+

Taxon	<i>U. volubilis</i> traps from Australia	<i>U. volubilis</i> traps from Jagiellonian University Botanic Garden
<i>Trachelomonas globularis</i> (Averintsev) Lemmermann 1905	+	
<i>Trachelomonas volvocina</i> Ehrenberg 1833	+	
Chlorophyta <i>Trebouxiophyceae</i>		
<i>Dictyosphaerium granulatum</i> Hindák 1977		+
Heterokontophyta <i>Xanthophyceae</i>		
<i>Ophiocytium capitatum</i> Wolle 1887	+	