

Supplementary Table S1. Functional traits of ciliates sampled at four locations (Krka spring, Marasovine, Roški slap, Skradinski buk) along the course of the Krka river, Croatia.

Genus	Food	Feeding strategy	Habitat preference	Motility	Mode of locomotion	Life form
<i>Acineta</i>	omnivorous	predation	lentic and lotic (freshwater)	sessile	unknown	solitary
<i>Aegyriana</i>	diatoms	predation	marine	motile	gliding	solitary
<i>Amphisiella</i>	omnivorous	predation	soil	motile	gliding	solitary
<i>Agolohymena</i>	histophagous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Ancistrum</i>	bacteria	unknown	symbiotic	motile	jumping, rotating	solitary
<i>Anigsteinia</i>	bacteria	filtration	marine	motile	gliding	solitary
<i>Anteholosticha</i>	omnivorous	filtration	marine	motile	crawling/creeping	solitary
<i>Apobryophyllum</i>	phagotrophic protists, small metazoans	predation	soil	motile	gliding	solitary
<i>Apodileptus</i>	omnivorous	predation	soil	motile	gliding	solitary
<i>Apogastrostyla</i>	diatoms	filtration	marine	motile	crawling/creeping	solitary
<i>Aristerostoma</i>	bacteria	unknown	marine	motile	jumping, rotating	solitary
<i>Askenasia</i>	algae, diatoms	filtration	lentic and lotic (freshwater)	motile	jumping, rotating	solitary

<i>Aspidisca</i>	bacteria	filtration	active sludge	motile	crawling/creeping	solitary
<i>Blepharisma</i>	algae, bacteria	filtration	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Bresslaua</i>	omnivorous	predation	soil	motile	free-swimming	solitary
<i>Bryometopus</i>	bacteria	filtration, facultative predation	soil	motile	free-swimming	solitary
<i>Carchesium</i>	bacteria	filtration	lentic and lotic (freshwater)	semi-sessile	unknown	colonial
<i>Cardiostomatella</i>	bacteria	filtration	marine	motile	free-swimming	solitary
<i>Chaenea</i>	bacteria	filtration	active sludge	motile	crawling/creeping	solitary
<i>Chilodonella</i>	bacteria	filtration	active sludge	motile	gliding	solitary
<i>Chlamydodon</i>	omnivorous	unknown	marine	motile	gliding	solitary
<i>Chlamydonella</i>	omnivorous	predation	soil	motile	gliding	solitary
<i>Clevelandella</i>	omnivorous	unknown	symbiotic	motile	free-swimming	solitary
<i>Climacostomum</i>	omnivorous	filtration, facultative predation	lentic and lotic (freshwater)	motile	crawling/creeping	solitary
<i>Cohnilembus</i>	omnivorous	unknown	symbiotic	motile	free-swimming	solitary
<i>Coleps</i>	omnivorous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary

<i>Colpidium</i>	omnivorous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Colpoda</i>	omnivorous	predation	soil	motile	gliding	solitary
<i>Colpodidium</i>	bacteria	filtration	soil	motile	jumping, rotating	solitary
<i>Conchophthirus</i>	omnivorous	unknown	symbiotic	motile	crawling/creeping	solitary
<i>Condylostoma</i>	omnivorous	filtration	soil	motile	gliding	solitary
<i>Cryptocaryon</i>	omnivorous	unknown	symbiotic	motile	crawling/creeping	unknown
<i>Cultellothrix</i>	phagotrophic protists, small metazoans	predation	soil	motile	gliding	solitary
<i>Cyclotrichium</i>	omnivorous	unknown	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Cyrtohymena</i>	omnivorous	predation	soil	unknown	unknown	solitary
<i>Dexiotricha</i>	bacteria	filtration	active sludge	motile	unknown	solitary
<i>Diaxonella</i>	omnivorous	unknown	marine	motile	unknown	solitary
<i>Dileptus</i>	omnivorous	predation	soil	motile	crawling/creeping	solitary
<i>Diophrys</i>	omnivorous	unknown	marine	motile	crawling/creeping	solitary
<i>Enchelys</i>	omnivorous	predation	soil	motile	free-swimming	solitary
<i>Engelmanniella</i>	bacteria	unknown	soil	unknown	free-swimming	solitary
<i>Entorhipidium</i>	omnivorous	unknown	symbiotic	motile	crawling/creeping	solitary

<i>Epalxella</i>	bacteria	filtration	anaerobic mud	motile	gliding	solitary
<i>Ephelota</i>	omnivorous	predation	symbiotic	sessile	unknown	solitary
<i>Epiphyllum</i>	phagotrophic protists, small metazoans	predation	brackish	motile	gliding	solitary
<i>Etoschophrya</i>	omnivorous	predation	soil	motile	jumping, rotating	solitary
<i>Euplotes</i>	omnivorous	filtration	active sludge	motile	crawling/creeping	solitary
<i>Euplotidium</i>	unknown	unknown	marine	motile	unknown	solitary
<i>Exocolpoda</i>	bacteria	unknown	soil	motile	unknown	solitary
<i>Fabrea</i>	algae, bacteria	filtration	marine	motile	free-swimming	solitary
<i>Furgasonia</i>	algae, cyanobacteria	predation	soil	unknown	unknown	solitary
<i>Gastrostyla</i>	omnivorous	filtration	active sludge, soil	motile	gliding	solitary
<i>Gonostomum</i>	omnivorous	filtration, facultative predation	soil	motile	free-swimming	solitary
<i>Gymnodinioides</i>	parasitic	unknown	symbiotic	sessile	free-swimming	solitary
<i>Halteria</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	jumping, rotating	solitary

<i>Hartmannula</i>	omnivorous	unknown	marine	motile	crawling/creeping	solitary
<i>Hemicycliostyla</i>	omnivorous	unknown	lentic and lotic (freshwater)	motile	unknown	solitary
<i>Hemiophrys</i>	unknown	predation	marine	motile	gliding	solitary
<i>Hemiurosoma</i>	bacteria	predation	soil	motile	gliding	solitary
<i>Heterokeronopsis</i>	unknown	unknown	marine	motile	crawling/creeping	solitary
<i>Histiobalantium</i>	omnivorous	unknown	lentic and lotic (freshwater)	euplanktonic	drifting	solitary
<i>Holosticha</i>	omnivorous	filtration	soil	motile	free-swimming	solitary
<i>Isotricha</i>	bacteria	filtration	symbiotic	motile	free-swimming	solitary
<i>Kahliella</i>	omnivorous	unknown	soil	motile	gliding	solitary
<i>Kentrophoros</i>	bacteria	filtration	marine	motile	gliding	unknown
<i>Kuklikophrya</i>	cyanobacteria	unknown	soil	motile	gliding	solitary
<i>Lacrymaria</i>	phagotrophic protists, small metazoans	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Latteuria</i>	bacteria	unknown	symbiotic	unknown	free-swimming	unknown
<i>Lembadion</i>	omnivorous	filtration, facultative predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Limnostrombidium</i>	algae	unknown	lentic and lotic (freshwater)	motile	free-swimming	solitary

<i>Litonotus</i>	phagotrophic protists, small metazoans	predation	soil	motile	free-swimming	solitary
<i>Loxodes</i>	omnivorous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Loxophyllum</i>	phagotrophic protists, small metazoans	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Maryna</i>	bacteria	unknown	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Mesanophrys</i>	parasitic	unknown	symbiotic	motile	gliding	solitary
<i>Meseres</i>	omnivorous	unknown	soil	motile	jumping, rotating	solitary
<i>Mesodinium</i>	omnivorous	unknown	lentic and lotic (freshwater)	motile	jumping, rotating	solitary
<i>Metaurostylopsis</i>	algae, diatoms	unknown	marine	motile	crawling/creeping	solitary
<i>Miamiensis</i>	histophagous	unknown	symbiotic	motile	unknown	solitary
<i>Microxysma</i>	algae, bacteria	unknown	marine	unknown	unknown	solitary
<i>Nassula</i>	algae, cyanobacteria	predation	soil	motile	free-swimming	solitary
<i>Novistrombidium</i>	algae	unknown	marine	motile	free-swimming	solitary
<i>Njinella</i>	astomata	unknown	symbiotic	unknown	unknown	unknown

<i>Obertrumia</i>	algae, cyanobacteria	predation	soil	motile	free-swimming	solitary
<i>Ophryoglena</i>	histophagous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Oxytricha</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Paracineta</i>	omnivorous	predation	soil	sessile	unknown	solitary
<i>Parafurgasonia</i>	bacteria	predation	soil	motile	crawling/creeping	solitary
<i>Paramecium</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Paranassula</i>	omnivorous	predation	marine	motile	free-swimming	unknown
<i>Paraspathidium</i>	unknown	predation	marine	motile	crawling/creeping	solitary
<i>Paratetrahymena</i>	bacteria	filtration	marine	motile	gliding	solitary
<i>Paraurostyla</i>	omnivorous	filtration	soil	motile	free-swimming	solitary
<i>Paruroleptus</i>	omnivorous	unknown	soil	motile	free-swimming	solitary
<i>Perisincirra</i>	omnivorous	unknown	soil	motile	gliding	solitary
<i>Phacodinium</i>	omnivorous	unknown	soil	motile	free-swimming	solitary
<i>Phialina</i>	phagotrophic protists, small metazoans	predation	active sludge	motile	free-swimming	solitary
<i>Philasterides</i>	histophagous	unknown	lentic and lotic (freshwater)	motile	free-swimming	solitary

<i>Placus</i>	omnivorous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Plagiocampa</i>	omnivorous	predation	soil	motile	free-swimming	solitary
<i>Plagiopyliella</i>	unknown	unknown	symbiotic	unknown	unknown	solitary
<i>Platyophrya</i>	omnivorous	unknown	soil	motile	free-swimming	solitary
<i>Pleuronema</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	jumping, rotating	solitary
<i>Polydiniella</i>	bacteria	filtration	symbiotic	unknown	unknown	unknown
<i>Porpostoma</i>	diatoms	filtration	symbiotic	motile	free-swimming	solitary
<i>Prorodon</i>	omnivorous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Protospathidium</i>	phagotrophic protists, small metazoans	predation	soil	motile	free-swimming	solitary
<i>Pseudepistylis</i>	unknown	unknown	lentic and lotic (freshwater)	semi-sessile	gliding	colonial
<i>Pseudochilodonopsis</i>	algae, diatoms	predation	lentic and lotic (freshwater)	motile	unknown	solitary
<i>Pseudocyrtolophosis</i>	bacteria	unknown	soil	motile	crawling/creeping	solitary
<i>Pseudokeronopsis</i>	omnivorous	unknown	marine	motile	free-swimming	solitary
<i>Pseudomicrothorax</i>	algae, cyanobacteria	predation	soil	motile	free-swimming	solitary
<i>Pseudoplatyophrya</i>	fungi	predation	soil	motile	jumping, rotating	solitary

<i>Pseudotontonia</i>	unknown	unknown	marine	motile	drifting	solitary
<i>Pseudouroleptus</i>	omnivorous	unknown	soil	motile	gliding	solitary
<i>Pseudourostyla</i>	omnivorous	predation	soil	motile	gliding	solitary
<i>Pseudovorticella</i>	algae, bacteria	filtration	soil	semi-sessile	unknown	colonial
<i>Raabena</i>	unknown	unknown	symbiotic	unknown	unknown	unknown
<i>Remanella</i>	unknown	unknown	marine	motile	gliding	solitary
<i>Sandmanniella</i>	omnivorous	unknown	soil	motile	free-swimming	solitary
<i>Schizocaryum</i>	omnivorous	unknown	symbiotic	motile	free-swimming	unknown
<i>Spathidiopsis</i>	phagotrophic protists, small metazoans	predation	symbiotic	motile	free-swimming	solitary
<i>Spirostomum</i>	algae, bacteria	filtration	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Stentor</i>	omnivorous	filtration, facultative predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Sterkiella</i>	omnivorous	predation	active sludge, soil	motile	free-swimming	solitary
<i>Stokesia</i>	omnivorous	predation	lentic and lotic (freshwater)	euplanktonic	drifting	solitary

<i>Strombidinopsis</i>	omnivorous	unknown	marine	euplanktonic	drifting	solitary
<i>Strombidium</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	jumping, rotating	solitary
<i>Strongylidium</i>	omnivorous	unknown	soil	motile	crawling/creeping	unknown
<i>Stylonychia</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Tetrahymena</i>	bacteria	filtration	active sludge	motile	free-swimming	solitary
<i>Tiarina</i>	algae	predation	marine	motile	free-swimming	solitary
<i>Tintinnidium</i>	omnivorous	filtration	lentic and lotic (freshwater)	euplanktonic	drifting	solitary
<i>Tokophrya</i>	omnivorous	predation	soil	sessile	unknown	solitary
<i>Trachelius</i>	omnivorous	predation	lentic and lotic (freshwater)	motile	unknown	solitary
<i>Trachelocerca</i>	omnivorous	unknown	marine	motile	gliding	solitary
<i>Trichodina</i>	omnivorous	filtration	symbiotic	motile	jumping, rotating	unknown
<i>Trichodinella</i>	omnivorous	unknown	symbiotic	motile	unknown	unknown
<i>Trichopodiella</i>	algae, bacteria	unknown	symbiotic	motile	free-swimming	solitary
<i>Triplumaria</i>	unknown	unknown	symbiotic	unknown	unknown	unknown
<i>Trithigmostoma</i>	algae, diatoms	predation	active sludge, soil	motile	crawling/creeping	solitary
<i>Trochilia</i>	omnivorous	predation	active sludge	motile	crawling/creeping	solitary

<i>Trochochilodon</i>	unknown	unknown	marine	motile	gliding	solitary
<i>Tunicothrix</i>	omnivorous	unknown	marine	motile	free-swimming	solitary
<i>Urceolaria</i>	omnivorous	filtration	symbiotic	motile	free-swimming	solitary
<i>Urocentrum</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	jumping, rotating	solitary
<i>Uroleptus</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Uronema</i>	omnivorous	filtration	lentic and lotic (freshwater)	motile	jumping, rotating	solitary
<i>Uronemella</i>	bacteria	unknown	marine	motile	jumping, rotating	unknown
<i>Urostyla</i>	omnivorous	predation	lentic and lotic (freshwater)	motile	free-swimming	solitary
<i>Vampyrophrya</i>	histophagous	unknown	lentic and lotic (freshwater)	motile	free-swimming	unknown
<i>Vorticella</i>	omnivorous	filtration	active sludge	semi-sessile	unknown	solitary
<i>Vorticellides</i>	bacteria	filtration	lentic and lotic (freshwater)	semi-sessile	unknown	colonial
<i>Woodruffides</i>	phagotrophic protists, small metazoans	predation	soil	motile	gliding	solitary
<i>Zosterodasys</i>	algae, diatoms	predation	lentic and lotic (freshwater)	motile	crawling/creeping	solitary