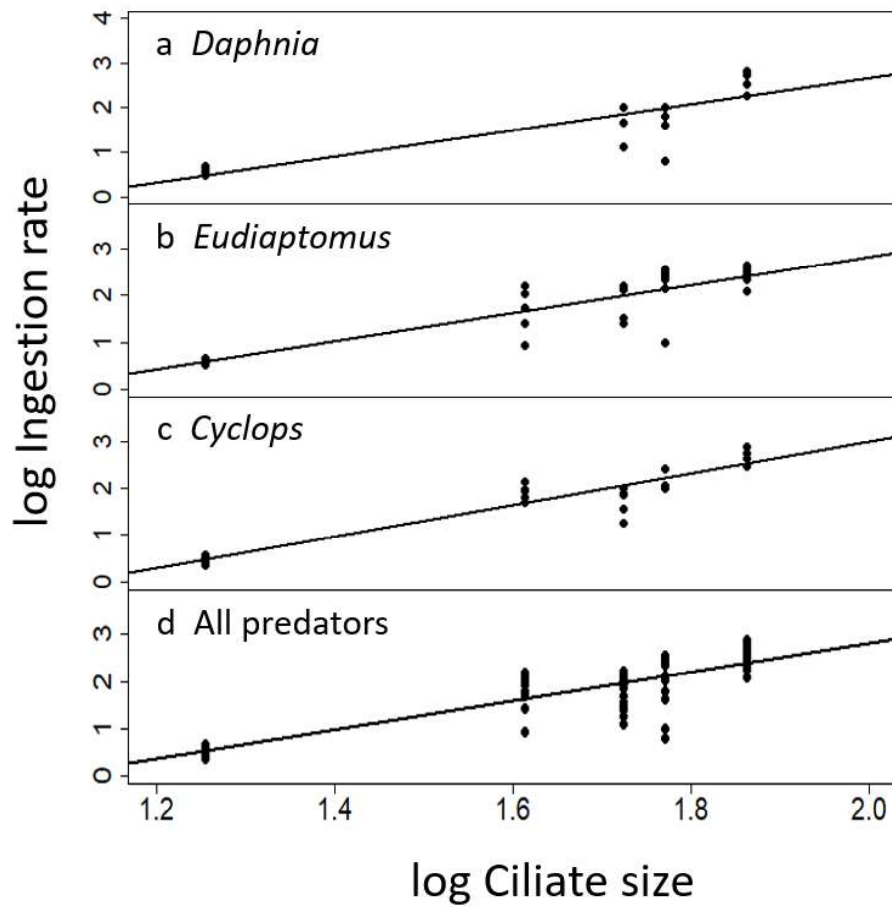


SUPPLEMENTARY INFORMATION

Top-down control of planktonic ciliates by microcrustacean predators is stronger in lakes than in the ocean

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Supplementary Fig. S1. Linear regressions of log-transformed ingestion rates (logIR, in ng C ind⁻¹ d⁻¹) of the three predators (a–c) and all predators combined (d) vs ciliate size.

Dataset used for the meta-analysis. Summary of the existing literature reporting clearance and ingestion rates from different functional groups of microcrustacean predators on ciliates at 15 °C. Where necessary, rates were normalised to 15 °C assuming a Q₁₀ value of 2.8 ^[1]. Ciliate size in (µm); clearance rates (*CL*) in (mL individual⁻¹ d⁻¹) and ingestion rates (*IR*) in (µgC individual⁻¹ d⁻¹).

Predator	Functional group	Ciliates	Ciliate size (µm)	CL	IR	Source
<i>Bosmina longirostris</i>	FW cladocerans	<i>Tetrahymena pyriformis</i>	46	18		[2]
<i>Bosmina longirostris</i>	FW cladocerans	<i>Strobilidium gyrans</i>	43	4		[2]
<i>Bosmina longirostris</i>	FW cladocerans	<i>Colpidium striatum</i>	81	5		[2]
<i>Bosmina longirostris</i>	FW cladocerans	<i>Coleps octospinus</i>	100	6		[2]
<i>Bosmina longirostris</i>	FW cladocerans	<i>Paramecium tetraurelia</i>	120	6		[2]
<i>Bosmina longirostris</i>	FW cladocerans	<i>Euplotes eurystomus</i>	155	1		[2]
<i>Ceriodaphnia dubia</i>	FW cladocerans	Mixed ciliates		62		[3]
<i>Daphnia carinata</i>	FW cladocerans	Mixed ciliates		122		[4]
<i>Daphnia carinata</i>	FW cladocerans	Mixed ciliates		22		[5]
<i>Daphnia carinata</i>	FW cladocerans	Oligotrichs (> 20µm)		20		[5]
<i>Daphnia galeata</i>	FW cladocerans	<i>Askenasia</i> sp.	38	14		[6]
<i>Daphnia galeata</i>	FW cladocerans	<i>Halteria</i> sp.	28	5		[6]
<i>Daphnia galeata</i>	FW cladocerans	<i>Strombidium</i> sp. 'small'	46	19		[6]
<i>Daphnia galeata</i>	FW cladocerans	<i>Histiobalantium</i> sp.	50	16		[6]
<i>Daphnia galeata</i>	FW cladocerans	<i>Strombidium</i> sp. 'large'	65	29		[6]
<i>Daphnia galeata</i>	FW cladocerans	<i>Urotricha</i> sp.	30	12		[6]
<i>Daphnia magna</i>	FW cladocerans	<i>Cyclidium glaucoma</i>	30	6		[7]
<i>Daphnia magna</i>	FW cladocerans	<i>Paramecium caudatum</i>	200	2		[7]
<i>Daphnia magna</i>	FW cladocerans	<i>Tetrahymena pyriformis</i>	46	4		[2,8]
<i>Daphnia pulex</i>	FW cladocerans	<i>Coleps octospinus</i>	100	5		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Coleps octospinus</i>	100	4		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Colpidium striatum</i>	81	11		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Colpidium striatum</i>	81	7		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Euplotes eurystomus</i>	155	3		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Euplotes eurystomus</i>	155	1		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Paramecium tetraurelia</i>	120	5.9		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Paramecium tetraurelia</i>	120	5.7		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Strobilidium gyrans</i>	43	13		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Strobilidium gyrans</i>	43	9		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Tetrahymena pyriformis</i>	46	14.1		[2]
<i>Daphnia pulex</i>	FW cladocerans	<i>Tetrahymena pyriformis</i>	46	13.6		[2]
<i>Daphnia rosea</i>	FW cladocerans	Mixed ciliates		7		[9]
<i>Daphnia</i> sp.	FW cladocerans	<i>Histiobalantium bodamicum</i>	53	17	0.05	[10]
<i>Daphnia</i> sp.	FW cladocerans	<i>Rimostrombidium lacustris</i>	73	23	0.42	[10]
<i>Daphnia</i> sp.	FW cladocerans	<i>Strobilidium caudatum</i>	59	17	0.05	[10]
<i>Daphnia</i> sp.	FW cladocerans	<i>Urotricha</i> sp.	18	33	0	[10]
<i>Daphnia</i> sp.	FW cladocerans	<i>Vorticella natans</i>	41	18		[10]
<i>Daphnia</i> spp.	FW cladocerans	Mixed ciliates	33	9		[11]
<i>Holopedium gibberum</i>	FW cladocerans	Mixed ciliates	30	15		[9]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Loxodes</i> sp.	228	12		[12]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Paramecium aurelia</i>	114	64	2.26	[12]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Paramecium aurelia</i>	114	19	4.59	[12]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Paramecium aurelia</i>	114	79	3.82	[12]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Paramecium aurelia</i>	114	39	11.97	[12]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Paramecium caudatum</i>	124	65		[12]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Tetrahymena corlisii</i>	32	31		[12]
<i>Acanthodiptomus denticornis</i>	FW calanoids	<i>Tetrahymena corlisii</i>	32	34		[12]
<i>Boeckella hamata</i>	FW calanoids	Oligotrichs <20 µm		45		[5]

<i>Boeckella hamata</i>	FW calanoids	Oligotrichs >20 µm		68		[5]
<i>Boeckella hamata</i>	FW calanoids	Oligotrichs		342		[3]
<i>Boeckella hamata</i>	FW calanoids	Mixed ciliates		66		[5]
<i>Boeckella hamata</i>	FW calanoids	Mixed ciliates		101		[4]
<i>Boeckella hamata</i>	FW calanoids	Mixed ciliates		241		[3]
<i>Boeckella hamata</i>	FW calanoids	Mixed ciliates		177		[3]
<i>Diaptomus minutus</i>	FW calanoids	<i>Halteria</i> sp.	21	4	0.01	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Halteria</i> sp.	21	5	0.01	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium velox</i>	61	14	0.08	[13,14]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium velox</i>	61	36	0.09	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium velox</i>	61	15	0.18	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium velox</i>	61	7	0.06	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium</i> sp.	61	7	0.05	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium</i> sp.	50	28	0.01	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium</i> sp.	50	17	0.05	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium</i> sp.	50	30	0.11	[13]
<i>Diaptomus minutus</i>	FW calanoids	<i>Strobilidium</i> sp.	50	30	0.18	[13]
<i>Diaptomus minutus</i>	FW calanoids	Mixed ciliates (<10 µm)		19		[13]
<i>Diaptomus minutus</i>	FW calanoids	Mixed ciliates (<10 µm)		27		[13]
<i>Diaptomus minutus</i>	FW calanoids	Mixed ciliates (<10 µm)		17		[13]
<i>Diaptomus minutus</i>	FW calanoids	Mixed ciliates (>16 µm)		17		[13]
<i>Diaptomus minutus</i>	FW calanoids	Mixed ciliates (>16 µm)		19		[13]
<i>Diaptomus minutus</i>	FW calanoids	Mixed ciliates (>16 µm)		30		[13]
<i>Diaptomus novamexicanus</i>	FW calanoids	Mixed ciliates	30	12		[9]
<i>Diaptomus pygmaeus</i>	FW calanoids	<i>Cyclidium</i> sp.	17	2	0.43	[13]
<i>Diaptomus pygmaeus</i>	FW calanoids	<i>Strobilidium velox</i>	61	28	0.54	[13]
<i>Diaptomus pygmaeus</i>	FW calanoids	<i>Strobilidium velox</i>	61	24	0.18	[13]
<i>Diaptomus pygmaeus</i>	FW calanoids	<i>Strobilidium velox</i>	61	31	0.25	[13]
<i>Diaptomus pygmaeus</i>	FW calanoids	<i>Strobilidium</i> sp.	50	42	0.03	[13]
<i>Diaptomus pygmaeus</i>	FW calanoids	<i>Strobilidium</i> sp.	50	17	0.02	[13]
<i>Diaptomus pygmaeus</i>	FW calanoids	Mixed ciliates (<10 µm)		13	0.003	[13]
<i>Epischura lacustris</i>	FW calanoids	<i>Strobilidium acutum</i>	50	267	1.52	[13]
<i>Epischura lacustris</i>	FW calanoids	<i>Strobilidium velox</i>	61	255	1.20	[13]
<i>Epischura lacustris</i>	FW calanoids	<i>Strobilidium velox</i>	61	102	0.60	[13]
<i>Epischura lacustris</i>	FW calanoids	<i>Strobilidium velox</i>	61	120	0.96	[13]
<i>Epischura lacustris</i>	FW calanoids	<i>Strobilidium velox</i>	61	311	1.06	[13]
<i>Epischura lacustris</i>	FW calanoids	<i>Strobilidium</i> sp.	50	147	0.52	[13]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Askenasia</i> sp. 2	24	19		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Askenasia</i> sp. 23	45	29		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	Small mixed ciliates	18	24		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Balanion planctonicum</i>	20	12		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Codonella</i> spp.	70	34		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Coleps</i> spp.	53	9		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Cyclidium</i> spp.	21	13		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Didinium nasutum</i>	55	3		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Didinium</i> sp.	45	5		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Halteria</i> sp. 2 / <i>Strobilidium</i>	26	22		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Histiobalantium</i> sp. 1	27	19		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Histiobalantium</i> sp. 2	45	21		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Histiobalantium</i> sp. 3	60	3		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Laetymaria</i> spp.		7		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Lagynophrya</i> sp. 1		13		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Lagynophrya</i> sp. 2	90	5		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Paradileptus</i> spp.	135	18		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Pelagohalteria viridis</i>	23	1		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Pelagostrombidium</i> sp.1	50	29		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Pelagostrombidium mirabile</i>	68	19		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Rimostrombidium lacustris</i>	73	15		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Staurophyra</i> spp.	40	14		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Stichotricha</i> spp.		8		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Tintinnidium</i> sp. 1	45	46		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Tintinnidium</i> sp. 2	70	44		[54]

<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Tintinnidium</i> sp. 3	86	7		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Urotricha furcata</i>	25	21		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Urotricha</i> sp. 2	35	49		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Urotricha</i> sp. 3	55	27		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Urotricha</i> sp. 4	65	22		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Vorticella</i> sp. 'free'	35	21		[54]
<i>Eudiaptomus gracilis</i>	FW calanoids	<i>Vorticella</i> sp. 'free' 2	50	21		[54]
<i>Eudiaptomus graciloides</i>	FW calanoids	Mixed ciliates	33	37		[11]
<i>Eudiaptomus copepodites</i>	FW calanoids	Mixed ciliates	33	26		[11]
<i>Eudiaptomus</i> sp.	FW calanoids	<i>Histiobalantium bodamicum</i>	53	16	0.10	[10]
<i>Eudiaptomus</i> sp.	FW calanoids	<i>Rimostrombidium lacustris</i>	73	10	0.29	[10]
<i>Eudiaptomus</i> sp.	FW calanoids	<i>Strobilidium caudatum</i>	59	22	0.21	[10]
<i>Eudiaptomus</i> sp.	FW calanoids	<i>Urotricha</i> sp.	18	39	0.004	[10]
<i>Eudiaptomus</i> sp.	FW calanoids	<i>Vorticella natans</i>	41	24	0.07	[10]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Askenasia volvox</i>	40	22	0.14	[15]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Askenasia</i> sp.	38	14		[6]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Coleps hirtus</i>	60	12	0.50	[15]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Halteria grandinella</i>	22	4	0.02	[15]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Halteria</i> sp.	28	20		[6]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Halteria</i> sp.	28	5		[6]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Histiobalantium</i> sp.	50	18		[6]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Strobilidium velox</i>	50	33	4.03	[15]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Stokesia vernalis</i>	120	14	0.22	[15]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Strombidium</i> sp. 'small'	46	24		[6]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Strombidium</i> sp. 'small'	46	11		[6]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Strombidium</i> sp. 'large'	65	55		[6]
<i>Cyclops abyssorum</i>	FW cyclopoids	<i>Urotricha</i> sp.	30	4		[6]
<i>Cyclops kolensis</i>	FW cyclopoids	<i>Askenasia volvox</i>	40	54	0.46	[15]
<i>Cyclops kolensis</i>	FW cyclopoids	<i>Coleps hirtus</i>	60	10	0.41	[15]
<i>Cyclops kolensis</i>	FW cyclopoids	<i>Halteria grandinella</i>	22	7	0.08	[15]
<i>Cyclops kolensis</i>	FW cyclopoids	<i>Strobilidium velox</i>	50	159	19.75	[15]
<i>Cyclops kolensis</i>	FW cyclopoids	<i>Stokesia vernalis</i>	120	362	1.44	[15]
<i>Cyclops</i> sp.	FW cyclopoids	<i>Histiobalantium bodamicum</i>	53	21	0.06	[10]
<i>Cyclops</i> sp.	FW cyclopoids	<i>Rimostrombidium lacustris</i>	73	23	0.51	[10]
<i>Cyclops</i> sp.	FW cyclopoids	<i>Strobilidium caudatum</i>	59	22	0.16	[10]
<i>Cyclops</i> sp.	FW cyclopoids	<i>Urotricha</i> sp.	18	23	0.003	[10]
<i>Cyclops</i> sp.	FW cyclopoids	<i>Vorticella natans</i>	41	25	0.09	[10]
<i>Diacyclops bicuspidatus thomasi</i>	FW cyclopoids	Mixed ciliates	30	40		[9]
<i>Mesocyclops thermocyclopoides</i>	FW cyclopoids	<i>Paramecium caudatum</i>	176	81		[16]
<i>Mesocyclops thermocyclopoides</i>	FW cyclopoids	<i>Pseudourostyla levis</i>	214	5		[16]
<i>Mesocyclops thermocyclopoides</i>	FW cyclopoids	<i>Stylonychia notophora</i>	88	67		[16]
<i>Mesocyclops thermocyclopoides</i>	FW cyclopoids	Mixed ciliates	159	54		[16]
Various cyclopoids	FW cyclopoids	Mixed ciliates	33	17		[11]
<i>Evadne spinifera</i>	Marine cladocerans	Mixed ciliates		24	0.15	[17]
<i>Evadne spinifera</i>	Marine cladocerans	Mixed ciliates		4	0.01	[17]
<i>Penilia avirostris</i>	Marine cladocerans	Mixed ciliates		11	0.33	[17]
<i>Penilia avirostris</i>	Marine cladocerans	Mixed ciliates		8	0.01	[17]
<i>Penilia avirostris</i>	Marine cladocerans	Mixed ciliates		8	0.19	[17]
<i>Penilia avirostris</i>	Marine cladocerans	Mixed ciliates		3	0.02	[17]
<i>Penilia avirostris</i>	Marine cladocerans	Mixed ciliates		2		[18]
<i>Penilia avirostris</i>	Marine cladocerans	Mixed ciliates		5		[18]
<i>Penilia avirostris</i>	Marine cladocerans	Mixed ciliates		1		[18]
<i>Podon</i> sp.	Marine cladocerans	Mixed ciliates		30	0.11	[17]
<i>Acartia clausi</i>	Marine calanoids	<i>Favella taraikaensis</i>	210	47	0.40	[12,19]
<i>Acartia clausi</i>	Marine calanoids	<i>Helicostomella fusiformis</i>	110	17	0.30	[12,19]
<i>Acartia clausi</i>	Marine calanoids	<i>Helicostomella fusiformis</i>	110	7.4	1.30	[12,19]
<i>Acartia clausi</i>	Marine calanoids	<i>Lohmanniella oviformis</i>	18	197		[20]
<i>Acartia clausi</i>	Marine calanoids	<i>Strombidium conicum</i>	48	62		[20]
<i>Acartia clausi</i>	Marine calanoids	<i>Strombidium sulcatum</i>	30	283	400	[12,17]

<i>Acartia clausi</i>	Marine calanoids	<i>Strombidium sulcatum</i>	30	183	123	[12,17]
<i>Acartia clausi</i>	Marine calanoids	<i>Strombidium vestitum</i>	23	58		[20]
<i>Acartia clausi</i>	Marine calanoids	<i>Strombidium</i> sp.	40	261		[20]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		49	0.7	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		88	0.3	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		89	0.4	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		29	0.1	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		29	0.1	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		53	0.2	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		35	0.1	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		20	0.1	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		100	0.04	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		48	0.04	[21]
<i>Acartia clausi</i>	Marine calanoids	Choreotrichs (< 20 µm)		15	0.03	[21]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates	11	28		[22]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates	15	32		[22]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates	19	34		[22]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates	26	49		[22]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates	31	53		[22]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates	36	47		[22]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates	47	50		[22]
<i>Acartia clausi</i>	Marine calanoids	Mixed ciliates		21		[22]
<i>Acartia hudsonica</i>	Marine calanoids	<i>Eutintinnus pectinis</i>	150	3		[23]
<i>Acartia hudsonica</i>	Marine calanoids	<i>Eutintinnus pectinis</i>	150	3		[23]
<i>Acartia hudsonica</i>	Marine calanoids	<i>Eutintinnus pectinis</i>	150	3		[23]
<i>Acartia hudsonica</i>	Marine calanoids	<i>Eutintinnus pectinis</i>	150	5		[23]
<i>Acartia tonsa</i>	Marine calanoids	<i>Balanion</i> sp.	34	60	0.54	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Balanion</i> sp.	34	63	0.51	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Favella panamensis</i>	265	31	1.37	[25]
<i>Acartia tonsa</i>	Marine calanoids	<i>Favella</i> sp.	150	32	1.76	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Favella</i> sp.	150	4	0.19	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Favella</i> sp.	150	119	1.09	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Favella</i> sp.	150	149	0.68	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Favella</i> sp.	150	115	0.19	[26]
<i>Acartia tonsa</i>	Marine calanoids	<i>Favella</i> sp.	150	214		[26]
<i>Acartia tonsa</i>	Marine calanoids	<i>Mesodinium rubrum</i>	43	15		[27]
<i>Acartia tonsa</i>	Marine calanoids	<i>Strobilidium spiralis</i>	65	90		[27]
<i>Acartia tonsa</i>	Marine calanoids	<i>Strombidium reticulatum</i>	43	34		[27]
<i>Acartia tonsa</i>	Marine calanoids	<i>Strobilidium</i> sp.	52	44	0.51	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Strobilidium</i> sp.	52	27	0.41	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Strobilidium</i> sp.	52	36	0.46	[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Tintinnopsis tubulosa</i>	148	56	0.27	[25]
<i>Acartia tonsa</i>	Marine calanoids	<i>Tintinnopsis</i> sp.	65	17		[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Tintinnopsis</i> sp.	65	40		[24]
<i>Acartia tonsa</i>	Marine calanoids	<i>Urotricha</i> sp.	12	39	0.004	[24]
<i>Acartia (Acanthacartia) tonsa</i>	Marine calanoids	Mixed ciliates		135	2.55	[28]
<i>Acartia (Acanthacartia) tonsa</i>	Marine calanoids	Mixed ciliates		3	9.69	[28]
<i>Acartia tonsa</i>	Marine calanoids	Mixed ciliates	62	12	0.06	[29]
<i>Acartia tonsa</i>	Marine calanoids	Mixed ciliates	62	188	0.29	[29]
<i>Acartia tonsa</i>	Marine calanoids	Mixed ciliates	62	211	0.38	[29]
<i>Acartia</i> spp.	Marine calanoids	Aloricate ciliates		22	0.04	[30]
<i>Acartia</i> spp.	Marine calanoids	Aloricate ciliates		3	0.05	[30]
<i>Acartia</i> spp.	Marine calanoids	Aloricate ciliates		19	0.04	[30]
<i>Acartia</i> spp.	Marine calanoids	Aloricate ciliates		29	0.12	[30]
<i>Acartia</i> spp.	Marine calanoids	Aloricate ciliates		15	0.01	[30]
<i>Acartia</i> spp.	Marine calanoids	Aloricate ciliates		17	0.01	[30]
<i>Acartia</i> spp.	Marine calanoids	Loricata ciliates		33	0.03	[30]
<i>Acartia</i> spp.	Marine calanoids	Loricata ciliates		6		[30]
<i>Acartia</i> spp.	Marine calanoids	Loricata ciliates		39	0.09	[30]
<i>Acartia</i> spp.	Marine calanoids	Loricata ciliates		44	0.10	[30]
<i>Acartia</i> spp.	Marine calanoids	Loricata ciliates		18	0.02	[30]
<i>Acartia</i> spp.	Marine calanoids	Loricata ciliates		40	0.48	[30]

<i>Acartia</i> spp.	Marine calanoids	Loricata ciliates		10	0.08	[30]
<i>Acartia</i> spp.	Marine calanoids	Mixed ciliates		97		[31]
<i>Acartia</i> spp.	Marine calanoids	Mixed ciliates (16-20 µm)		42		[32]
<i>Acartia</i> spp.	Marine calanoids	Mixed ciliates (21-30 µm)		66		[32]
<i>Acartia</i> spp.	Marine calanoids	Mixed ciliates (31-45 µm)		119		[32]
<i>Aetideus divergens</i>	Marine calanoids	Mixed ciliates		394		[28]
<i>Calanoides acutus</i>	Marine calanoids	Mixed ciliates		190		[33]
<i>Calanus finmarchicus</i>	Marine calanoids	<i>Myrionecta rubra</i>		1904		[34]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates	30	20	2.94	[35]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates	30	15	3.04	[35]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates	30	25	2.98	[35]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates	30	44	5.43	[35]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates	30	56	10.71	[35]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (>30 µm)		469	0.17	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (>30 µm)		837	2.68	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (>30 µm)		328	9.04	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (>30 µm)		321	3.85	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (<30 µm)		301	6.53	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (<30 µm)		241	7.20	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (<30 µm)		59	2.01	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates (<30 µm)		60	1.00	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		20	0.25	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		217	3.54	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		129	0.51	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		200	2.27	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		154	0.51	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		642	0.76	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		619	1.73	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Mixed ciliates		1078	16.67	[36]
<i>Calanus finmarchicus</i>	Marine calanoids	Oligotrich ciliates (< 20µm)		698		[34]
<i>Calanus finmarchicus</i>	Marine calanoids	Oligotrich ciliates (< 20µm)		952		[34]
<i>Calanus finmarchicus</i>	Marine calanoids	Oligotrichous ciliates (> 20µm)		1689		[34]
<i>Calanus glacialis</i>	Marine calanoids	Oligotrichous ciliates (< 20µm)		1828		[34]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	783	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	653	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	626	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	1164	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	1347	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	1099	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	1347	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	<i>Myrionecta rubra</i>	40	799	0.30	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		177	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		330	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		229	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		188	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		295	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		416	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		263	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Aloricate choreotrichs		273	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		2353	0.20	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		269	0.60	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		217	0.10	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		354	4.80	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		278	2.60	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		347	0.20	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		19	0.02	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (< 20 µm)		104	0.10	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (> 20 µm)		25	0.02	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (> 20 µm)		151	0.40	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (> 20 µm)		269	1.20	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (> 20 µm)		427	1.70	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (> 20 µm)		328	0.50	[21]

<i>Calanus helgolandicus</i>	Marine calanoids	Choreotrichs (> 20 µm)		140	0.10	[21]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		95	7.6	[37]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates			54.3	[28]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates			54.6	[28]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates			65.1	[28]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		12	0.2	[36]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		205	4.1	[36]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		234	2.0	[36]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		242	3.2	[36]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		122	0.8	[36]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		596	20.4	[36]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		189	0.3	[36]
<i>Calanus helgolandicus</i>	Marine calanoids	Mixed ciliates		506	7.4	[36]
<i>Calanus hyperboreus</i>	Marine calanoids	Oligotrichous ciliates (<		2245		[34]
<i>Calanus hyperboreus</i>	Marine calanoids	Oligotrichous ciliates (<		2150		[34]
<i>Calanus hyperboreus</i>	Marine calanoids	Oligotrichous ciliates (>		8634		[34]
<i>Calanus hyperboreus</i>	Marine calanoids	Oligotrichous ciliates (>		1290		[34]
<i>Calanus pacificus</i>	Marine calanoids	Mixed ciliates		283	38.2	[28]
<i>Calanus pacificus</i>	Marine calanoids	Mixed ciliates		409	31.7	[28]
<i>Calanus pacificus</i>	Marine calanoids	Mixed ciliates		540	36.0	[28]
<i>Calanus pacificus</i>	Marine calanoids	Mixed ciliates		1301	10.9	[38]
<i>Calanus pacificus</i>	Marine calanoids	Mixed ciliates		1233	10.9	[38]
<i>Calanus pacificus</i>	Marine calanoids	Mixed ciliates		928	10.9	[38]
<i>Calanus pacificus</i>	Marine calanoids	Mixed ciliates		506	10.9	[38]
<i>Calanus simillimus</i>	Marine calanoids	Mixed ciliates		154		[33]
<i>Calanus</i> spp.	Marine calanoids	Mixed ciliates (16-20 µm)		218		[32]
<i>Calanus</i> spp.	Marine calanoids	Mixed ciliates (21-30 µm)		360		[32]
<i>Calanus</i> spp.	Marine calanoids	Mixed ciliates (31-45 µm)		497		[32]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		285	0.8	[38]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		277	0.8	[38]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		277	0.8	[38]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		137	0.3	[38]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		92	0.3	[38]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		48	0.3	[38]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		253	1.5	[38]
<i>Centropages abdominalis</i>	Marine calanoids	Mixed ciliates		261	1.5	[38]
<i>Centropages brachiatus</i>	Marine calanoids	Mixed ciliates	62	186	0.45	[29]
<i>Centropages brachiatus</i>	Marine calanoids	Mixed ciliates	62	241	0.07	[29]
<i>Centropages chierchiae</i>	Marine calanoids	Mixed ciliates		149	11.3	[37]
<i>Centropages chierchiae</i>	Marine calanoids	Mixed ciliates (16-20 µm)		76		[32]
<i>Centropages chierchiae</i>	Marine calanoids	Mixed ciliates (21-30 µm)		107		[32]
<i>Centropages chierchiae</i>	Marine calanoids	Mixed ciliates (31-45 µm)		236		[32]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates	11	31		[22]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates	15	41		[22]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates	19	57		[22]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates	26	73		[22]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates	31	92		[22]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates	36	102		[22]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates	47	124		[22]
<i>Centropages hamatus</i>	Marine calanoids	Mixed ciliates		28		[39]
<i>Centropages typicus</i>	Marine calanoids	<i>Strombidium sulcatum</i>	30	520	831	[12,40]
<i>Centropages typicus</i>	Marine calanoids	<i>Strombidium sulcatum</i>	30	337	137	[12,40]
<i>Clausocalanus lividus</i>	Marine calanoids	Mixed ciliates		121	15.9	[28]
<i>Clausocalanus lividus</i>	Marine calanoids	Mixed ciliates		210	15.4	[28]
<i>Clausocalanus</i> spp.	Marine calanoids	Mixed ciliates		55	0.03	[32]
<i>Clausocalanus</i> spp.	Marine calanoids	Mixed ciliates		16	0.08	[32]
<i>Clausocalanus</i> spp.	Marine calanoids	Mixed ciliates (16-20 µm)		50		[32]
<i>Clausocalanus</i> spp.	Marine calanoids	Mixed ciliates (21-30 µm)		38		[32]
<i>Clausocalanus</i> spp.	Marine calanoids	Mixed ciliates (31-45 µm)		36		[32]
<i>Eucalanus pileatus</i>	Marine calanoids	Mixed ciliates		72	1.01	[41]
<i>Eucalanus pileatus</i>	Marine calanoids	Mixed ciliates		54	0.76	[41]
<i>Eucalanus pileatus</i>	Marine calanoids	Mixed ciliates		67	0.87	[41]

<i>Eucalanus pileatus</i>	Marine calanoids	Mixed ciliates		75	1.32	[41]
<i>Eucalanus pileatus</i>	Marine calanoids	Mixed ciliates		55	1.06	[41]
<i>Eurytemora affinis</i>	Marine calanoids	<i>Uronema</i> sp.	17	3	3.55	[12,42]
<i>Metridia lucens</i>	Marine calanoids	Mixed ciliates		78		[33]
<i>M. lucens/C. lausocalanus</i>	Marine calanoids	Mixed ciliates		318		[33]
<i>Neocalanus cristatus</i>	Marine calanoids	<i>Mesodinium</i> spp		2167		[43]
<i>Neocalanus cristatus</i>	Marine calanoids	Ciliates (<20 µm)		848		[43]
<i>Neocalanus cristatus</i>	Marine calanoids	Ciliates (>20 µm)		1697		[43]
<i>Neocalanus cristatus</i>	Marine calanoids	Mixed ciliates		1183	5.42	[43]
<i>Neocalanus plumchrus</i>	Marine calanoids	Mixed ciliates		655		[44,45]
<i>Neocalanus tonsus</i>	Marine calanoids	Mixed ciliates		105		[46]
<i>Neocalanus tonsus</i>	Marine calanoids	Mixed ciliates		105		[46]
<i>Neocalanus tonsus</i>	Marine calanoids	Mixed ciliates		264		[33]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (< 20 µm)		816		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (20-30 µm)		1668		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (> 30 µm)		1587		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (< 20 µm)		404		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (20-30 µm)		1222		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (> 30 µm)		776		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (< 20 µm)		525		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (20-30 µm)		721		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (> 30 µm)		1111		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (< 20 µm)		130		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (20-30 µm)		547		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (30-40 µm)		644		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (40-50 µm)		529		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (> 50 µm)		612		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (< 20 µm)		94		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (20-30 µm)		476		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (> 30 µm)		87		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (< 20 µm)		261		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (20-30 µm)		282		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (30-40 µm)		281		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (> 50 µm)		591		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (< 20 µm)		134		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (20-30 µm)		191		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (30-40 µm)		366		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (40-50 µm)		428		[47]
<i>Neocalanus</i> spp.	Marine calanoids	Ciliates (> 50 µm)		311		[47]
<i>Paracartia grani</i>	Marine calanoids	Mixed ciliates			7.89	[28]
<i>Paracalanus parvus</i>	Marine calanoids	Mixed ciliates		235	0.09	[29]
<i>Paracalanus parvus</i>	Marine calanoids	Mixed ciliates		186	0.06	[29]
<i>Paracalanus parvus</i>	Marine calanoids	Mixed ciliates		54	0.28	[17]
<i>Paracalanus parvus</i>	Marine calanoids	Mixed ciliates		32	0.03	[17]
<i>Paracalanus parvus</i>	Marine calanoids	Mixed ciliates		11	0.33	[17]
<i>Paracalanus parvus</i>	Marine calanoids	Mixed ciliates		11	0.21	[17]
<i>Paracalanus</i> sp.	Marine calanoids	Ciliates (15-20µm)	18	14	0.02	[48]
<i>Paracalanus</i> sp.	Marine calanoids	Ciliates (15-20µm)	18	15	0.02	[48]
<i>Paracalanus</i> sp.	Marine calanoids	Ciliates (20-40µm)	30	11	0.01	[48]
<i>Paracalanus</i> sp.	Marine calanoids	Ciliates (>40µm)	50	22	0.09	[48]
<i>Paracalanus</i> sp.	Marine calanoids	Ciliates (15-20µm)	18	8	0.01	[48]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	173	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	101	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	82	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	8	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	89	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	105	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	90	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	<i>Myrionecta rubra</i>	40	50	0.03	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		90	0.04	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		101	0.04	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		46	0.04	[21]

<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		6	0.04	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		45	0.04	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		23	0.04	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		10	0.04	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Aloricate choreotrichs		31	0.04	[21]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Mixed ciliates (16-20 µm)		61		[32]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Mixed ciliates (21-30 µm)		90		[32]
<i>Para-pseudocalanus</i> spp.	Marine calanoids	Mixed ciliates (31-45 µm)		98		[32]
<i>Pseudocalanus</i> sp.	Marine calanoids	<i>Lohmanniella oviformis</i>	18	425		[20]
<i>Pseudocalanus</i> sp.	Marine calanoids	<i>Strombidium conicum</i>	48	210		[20]
<i>Pseudocalanus</i> sp.	Marine calanoids	<i>Strombidium</i> sp.	40	402		[20]
<i>Pseudocalanus</i> sp.	Marine calanoids	Mixed ciliates		193	7.7	[38]
<i>Pseudocalanus</i> sp.	Marine calanoids	Mixed ciliates		189	7.7	[38]
<i>Pseudocalanus</i> sp.	Marine calanoids	Mixed ciliates		297	7.7	[38]
<i>Pseudocalanus</i> sp.	Marine calanoids	Mixed ciliates		289	7.7	[38]
<i>Temora longicornis</i>	Marine calanoids	<i>Strombidium elegans</i>	30	33		[49]
<i>Temora longicornis</i>	Marine calanoids	<i>Strombidium sulcatum</i>	30	92		[49]
<i>Temora longicornis</i>	Marine calanoids	Mixed ciliates		110	8.6	[37]
<i>Temora stylifera</i>	Marine calanoids	Mixed ciliates		51	0.03	[17]
<i>Temora stylifera</i>	Marine calanoids	Mixed ciliates		10	0.06	[17]
<i>Tortanus</i> sp.	Marine calanoids	Mixed ciliates		84	1.84	[28]
<i>Tortanus</i> sp.	Marine calanoids	Mixed ciliates		44	1.39	[28]
<i>Oithona davisae</i>	Marine cyclopoids	<i>Strombidium sulcatum</i>	29	10	0.07	[50]
<i>Oithona davisae</i>	Marine cyclopoids	Mixed ciliates		3	0.12	[28]
<i>Oithona davisae</i>	Marine cyclopoids	Mixed ciliates		5	0.14	[28]
<i>Oithona davisae</i>	Marine cyclopoids	Mixed ciliates		1	0.06	[28]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		17	0.16	[28]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		15	0.05	[28]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		9		[51]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		16		[51]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		8		[51]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		2		[51]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		1		[51]
<i>Oithona nana</i>	Marine cyclopoids	Mixed ciliates		2		[51]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. <30 µm		3	0.002	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. <30 µm		14	0.001	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. <30 µm		26	0.01	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. <30 µm		4	0.0005	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. <30 µm		24	0.005	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. >30 µm		12	0.02	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. >30 µm		27	0.07	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. >30 µm		21	0.02	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Myrionecta</i> spp. >30 µm		19	0.02	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		13	0.01	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		2	0.002	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		11	0.002	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		17	0.003	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		13	0.01	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		15	0.01	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		9	0.005	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		4	0.001	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		4	0.0007	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		9	0.001	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		6	0.0007	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		4	0.0005	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (<20 µm)		14	0.001	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		3	0.011	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		14	0.049	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		5	0.014	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		13	0.053	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		14	0.038	[18]

<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		22	0.057	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		12	0.044	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		13	0.022	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		35	0.028	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		6	0.003	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		16	0.019	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		9	0.015	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		10	0.002	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (20-30 µm)		3	0.011	[18]
<i>Oithona similis</i>	Marine cyclopoids	<i>Strombidium</i> spp. (>30 µm)		21	0.040	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates (>20 µm)		4	0.03	[52]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates (>20 µm)		5	0.05	[52]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		3	0.053	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		16	0.129	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		9	0.078	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		12	0.066	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		8	0.062	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		15	0.091	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		4	0.026	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		8	0.008	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		19	0.035	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		5	0.009	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		6	0.012	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		7	0.018	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		0	0	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		2	0.001	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		24	0.017	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		3	0.002	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		19	0.009	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		2	0.001	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		6	0.003	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		4	0.25	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		4	0.3	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		121	0.11	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		75	0.03	[18]
<i>Oithona similis</i>	Marine cyclopoids	Mixed ciliates		4	0.03	[18]
<i>Oithona</i> spp	Marine cyclopoids	Mixed ciliates		5	0.05	[18]
<i>Oithona</i> spp	Marine cyclopoids	Mixed ciliates		7		[18]
<i>Oithona</i> spp	Marine cyclopoids	Mixed ciliates		19	0.12	[18]
<i>Oithona</i> spp	Marine cyclopoids	Mixed ciliates		12	0.01	[18]
<i>Oithona</i> spp	Marine cyclopoids	Mixed ciliates		7	0.04	[18]
<i>Oithona</i> spp.	Marine cyclopoids	Aloricate ciliates	150	354		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Aloricate ciliates	150	37		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Aloricate ciliates	150	156		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Aloricate ciliates	150	33		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Aloricate ciliates	150	144		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Tintinnids	225	239		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Tintinnids	225	4		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Tintinnids	225	91		[53]
<i>Oithona</i> spp.	Marine cyclopoids	Tintinnids	225	73		[53]

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Supplementary Table S1. Linear model results for log₁₀–transformed ingestion rates (all data without outliers, n=72) and clearance rates of the three microcrustacean predators (all data without outliers, n=72). Significant effects in bold face.

Ingestion rates			
Predator	R ²	p-value (Ciliates)	p-value (Predator)
<i>Daphnia</i>	0.893	<0.001	-
<i>Eudiaptomus</i>	0.767	<0.001	-
<i>Cyclops</i>	0.950	<0.001	-
All predators	0.870	<0.001	0.150
Clearance rates			
Predator	R ²	p-value (Ciliates)	p-value (Predator)
<i>Daphnia</i>	0.276	0.150	-
<i>Eudiaptomus</i>	0.267	0.101	-
<i>Cyclops</i>	0.073	0.826	-
All predators	0.269	0.020	0.490

Supplementary Table S2. Model fits of power curves ($y = ax^b$), exponential curves ($y = ae^{bx}$) and ordinary least-squares regressions ($y = kx + c$) for \log_{10} -transformed ingestion and clearance rates of the three microcrustacean predators in relation to log-ciliate size. Significant parameter estimates (\pm standard error, SE) are in bold face; adj. R^2 = adjusted R^2 .

Predator	Model	AIC score	R^2	residual SE	a	b	k	c	p (a)	p (b)	p (k)	p (c)
Ingestion rates												
<i>Daphnia</i>	Power curve	21.8	0.832	0.372	0.126 \pm 0.068	4.750 \pm 0.912			0.08	< 0.001		
	Exponential curve	19.8	0.849	0.353	0.009 \pm 0.009	2.991 \pm 0.589			0.30	< 0.001		
	Linear regression	27.2	0.777	0.428			2.919 \pm 0.379	-3.183 \pm 0.626			< 0.001	< 0.001
<i>Eudiaptomus</i>	Power curve	29.6	0.750	0.371	0.329 \pm 0.091	3.252 \pm 0.485			0.01	< 0.001		
	Exponential curve	30.7	0.750	0.378	0.059 \pm 0.032	2.018 \pm 0.306			0.08	< 0.001		
	Linear regression	28.9	0.765	0.366			2.970 \pm 0.317	-3.130 \pm 0.526			< 0.001	< 0.001
<i>Cyclops</i>	Power curve	18.3	0.852	0.318	0.274 \pm 0.071	3.652 \pm 0.462			< 0.001	< 0.001		
	Exponential curve	20.5	0.838	0.334	0.040 \pm 0.020	2.267 \pm 0.289			0.061	< 0.001		
	Linear regression	14.1	0.876	0.292			3.380 \pm 0.272	-3.764 \pm 0.441			< 0.001	< 0.001
<i>All predators</i>	Power curve	62.2	0.796	0.362	0.273 \pm 0.049	3.562 \pm 0.316			< 0.001	< 0.001		
	Exponential curve	64.4	0.790	0.367	0.040 \pm 0.014	2.225 \pm 0.193			< 0.05	< 0.001		
	Linear regression	61.6	0.798	0.360			3.074 \pm 0.185	-3.327 \pm 0.305			< 0.001	< 0.001
Clearance rates												
<i>Daphnia</i>	Power curve	14.9	0.148	0.294	1.691 \pm 0.237	-0.600 \pm 0.296			< 0.001	0.05		
	Exponential curve	15.1	0.140	0.296	2.376 \pm 0.754	-0.384			< 0.01	0.06		
	Linear regression	15.3	0.090	0.297			-0.483 \pm 0.263	2.062 \pm 0.432			0.08	< 0.001
<i>Eudiaptomus</i>	Power curve	29.1	0.252	0.368	2.050 \pm 0.332	-1.118 \pm 0.348			< 0.001	< 0.001		
	Exponential curve	29.1	0.254	0.367	4.036 \pm 1.483	-0.744 \pm 0.232			0.011	< 0.01		
	Linear regression	29.0	0.257	0.367			-0.969 \pm 0.317	2.797 \pm 0.527			< 0.01	< 0.001
<i>Cyclops</i>	Power curve	-6.45	0.019	0.190	1.407 \pm 0.135	-0.130 \pm 0.199			< 0.001	0.520		
	Exponential curve	-6.45	0.019	0.190	1.524 \pm 0.324	-0.087 \pm 0.132			< 0.001	0.516		
	Linear regression	-6.46	0.019	0.190			-0.116 \pm 0.177	1.511 \pm 0.287			0.520	< 0.001
<i>All predators</i>	Power curve	40.0	0.146	0.304	1.716 \pm 0.142	-0.650 \pm 0.175			< 0.001	< 0.001		
	Exponential curve	40.1	0.145	0.304	2.529 \pm 0.471	-0.429 \pm 0.116			< 0.001	< 0.001		
	Linear regression	40.2	0.142	0.305			-0.556 \pm 0.157	2.170 \pm 0.257			< 0.001	< 0.001

Supplementary Table S3. Linear model results for log₁₀–transformed clearance rates and ingestion rates of the six functional groups. Significant effects in bold face.

Clearance rates	
Functional group	p-value
FW cladocerans	<0.001
FW calanoids	<0.001
FW cyclopoids	0.78
Marine cladocerans	<0.001
Marine calanoids	<0.001
Marine cyclopoids	<0.001
All functional groups	<0.001
Habitat	<0.001
Ingestion rates	
Functional group	p-value
FW cladocerans	0.39
FW calanoids	0.001
FW cyclopoids	0.26
Marine cladocerans	0.41
Marine calanoids	<0.001
Marine cyclopoids	<0.001
All functional group	<0.001
Habitat	0.54

Supplementary Table S4. Pairwise comparison (Tukey test) of ingestion and clearance rates of the six functional groups of predators. Significant differences in bold face.

Ingestion rates					
	FW cladocerans	FW cyclopoids	Marine calanoids	Marine cladocerans	Marine cyclopoids
FW calanoids	0.954	0.869	0.004	0.961	<0.0001
FW cladocerans		0.716	0.250	0.999	0.910
FW cyclopoids			0.868	0.666	<0.0001
Marine calanoids				0.108	<0.0001
Marine cladocerans					0.592
Clearance rates					
FW calanoids	<0.01	0.999	<0.0001	0.023	<0.001
FW cladocerans		0.140	<0.0001	0.894	0.999
FW cyclopoids			<0.0001	0.082	0.082
Marine calanoids				<0.0001	<0.0001
Marine cladocerans					0.826

Supplementary Table S5. Model fits of power curves ($y = ax^b$), exponential curves ($y = ae^{bx}$) and least-squares linear regressions ($y = kx + c$) for \log_{10} -transformed clearance rates of the six functional groups of microcrustacean predators in relation to \log_{10} -transformed ciliate size. Significant parameters (\pm standard error, SE) are in bold face; dna denotes that no model fit was possible.

Functional group	Model	AIC score	R ²	residual SE	a	b	k	c	p (a)	p (b)	p (k)	p (c)
FW cladocerans	Power curve	103.0			dna	dna						
	Exponential curve	103.0			dna	dna						
	Linear regression	14.2	0.457	0.278			-0.975 \pm 0.188	2.669 \pm 0.340			< 0.001	< 0.001
FW calanoids	Power curve	88.8	0.059	0.452	0.984 \pm 0.167	0.582 \pm 0.306			< 0.001	0.06		
	Exponential curve	89.9	0.049	0.454	0.782 \pm 0.244	0.314 \pm 0.179			< 0.01	0.08		
	Linear regression	89.5	0.055	0.453			0.541 \pm 0.410	0.468 \pm 0.240			0.06	0.19
FW cyclopoids	Power curve	38.4	0.146	0.431	0.882 \pm 0.195	0.785 \pm 0.377			< 0.001	< 0.05		
	Exponential curve	39.0	0.123	0.436	0.662 \pm 0.250	0.410 \pm 0.210			< 0.05	0.06		
	Linear regression	38.6	0.143	0.432			0.632 \pm 0.298	0.261 \pm 0.518			< 0.05	0.62
All FW predators	Power curve	180.2			dna	dna						
	Exponential curve	180.2			dna	dna						
	Linear regression	180.2			dna	dna						
Marine calanoids	Power curve	136.7			dna	dna						
	Exponential curve	136.0			dna	dna						
	Linear regression	135.8			dna	dna						
Marine cyclopoids	Power curve	26.4			dna	dna						
	Exponential curve	26.6			dna	dna						
	Linear regression	26.4			dna	dna						
All marine predators	Power curve	155.4			dna	dna						
	Exponential curve	155.1			dna	dna						
	Linear regression	155.1			dna	dna						