

**Table 1: The capacity for a range of zooplankton to ingest microplastics, demonstrated using fluorescent microscopy.**

Organism	Taxonomy	Microplastic	Exposure	Ingestion
<b>Holoplankton (Copepods)</b>				
<i>Acartia clausi</i>	Copepoda (Calanoida)	7.3	24	Yes
<i>Acartia clausi</i>	Copepoda (Calanoida)	20.6	24	No
<i>Acartia clausi</i>	Copepoda (Calanoida)	30.6	24	Partial
<i>Calanus helgolandicus</i>	Copepoda (Calanoida)	7.3	24	Yes
<i>Calanus helgolandicus</i>	Copepoda (Calanoida)	20.6	24	Yes
<i>Calanus helgolandicus</i> (juv.)	Copepoda (Calanoida)	20.6	24	Yes
<i>Calanus helgolandicus</i>	Copepoda (Calanoida)	30.6	24	Partial
<i>Centropages typicus</i>	Copepoda (Calanoida)	7.3	24	Yes
<i>Centropages typicus</i>	Copepoda (Calanoida)	20.6	24	Yes
<i>Centropages typicus</i>	Copepoda (Calanoida)	30.6	24	Yes
<i>Temora longicornis</i>	Copepoda (Calanoida)	7.3	24	Yes
<i>Temora longicornis</i>	Copepoda (Calanoida)	20.6	24	Yes
<i>Temora longicornis</i>	Copepoda (Calanoida)	30.6	24	Yes
<b>Holoplankton (Other)</b>				
Doliolidae	Tunicata	7.3	1	Yes
Euphausiidae	Euphausiacea	20.6	24	Yes
<i>Parasagitta</i> sp.	Chaetognatha	20.6	1	No
<i>Parasagitta</i> sp.	Chaetognatha	30.6	24	No
<i>Obelia</i> sp.	Cnidaria (Hydrozoa)	20.6	1	Partial
Siphonophorae	Cnidaria (Hydrozoa)	20.6	1	No
<b>Meroplankton</b>				
Bivalvia (larvae)	Mollusca	7.3	24	Yes
Brachyura (megalopa)	Decapoda	20.6	24	Yes
Brachyura (zoea)	Decapoda	20.6	24	No
Caridea (larvae)	Decapoda	20.6	24	Yes
Paguridae (larvae)	Decapoda	20.6	24	Partial
Porcellanidae (zoea)	Decapoda	30.6	24	Partial
<b>Microzooplankton</b>				
<i>Oxyrrhis marina</i>	Dinoflagellata	7.3	1	Yes

Microplastic uptake is based upon the number of individuals in a treatment ( $n \geq 6$ ) that contained beads in their alimentary canals or body cavity following 1 or 24 hour exposures to either 7.3, 20.6 or 30.6  $\mu\text{m}$  fluorescent polystyrene beads. ESD = Equivalent Spherical Diameter. Scoring system: Yes (>50%); Partial (<50%); No (0%).