zooflagellates - choanoflagellates

Acanthoea sp.

abundance: spring, summer
lorica width: 8 – 17 μm

LM (coastal station Heiligendamm)
Amoebe

abundance: summer
life-form: solitary
length: 50µm

LM (coastal station Heiligendamm)
bacterial manganese aggregation

LM (Gotland Sea, sediment trap)
Bivalvia larvae

LM (coastal station Heiligendamm)
zooflagellates - choanoflagellates

Calliacyantha natans

abundance: spring, summer
lorica length: 17 - 26 μm

LM (Kiel Bight)

LM (coastal station Heiligendamm)
zooflagellates - choanoflagellates

Diaphanoeca grandis

abundance: spring, summer
lorica length: 24 - 38µm

LM (Gotland Sea)
zooflagellates - choanoflagellates

Diaphanoeca sphaerica

abundance: spring, summer
lorica length: 20 - 35μm

REM (Kiel Bight)

LM (coastal station Heiligendamm)

LM (Gotland Sea)
phytoplankton – Ebriidea

**Ebria tripartita**

*abundance:* spring

*life-form:* solitary

*cell-length:* 20 - 30 µm

*cell-width:* 20 - 25 µm

LM (Lübeck Bight) *E. tripartita* feeding on *Skeletonema costatum*

LM (Oder Bight) living cell

REM (Oder Bight)

LM (Oder Bight) Lugol fixed
zooplankton - faecal pellet

LM (Gotland Sea), faecal pellet filled with smal diatoms (Thalassiosira levanderi)
zooplankton - ciliates

Myrionecta rubra

abundance: spring, summer, autumn
size: 15 - 70μm

LM (coastal station Heiligendamm) preserved with Lugol’s solution

LM (Kiel Bight) preserved with formaldehyde
Amoeba
Paulinella ovalis

abundance: autumn
life-form: solitary
size of lorica: 3 - 4 x 4 - 5µm

LM (coastal station Heiligendamm)  
LM (Gotland Sea, Formol preserved)
zooplankton
Radiosperma corbiferum

LM (Gotland Sea, sediment trap)