phytoplankton - chrysophyceae

Apedinella radians

abundance: spring, summer
life-form: solitary
length: 6.5-10μm

LM (coastal station Heiligendamm)
phytoplankton – chrysophyceae

Dinobryon balticum

abundance: spring
life-form: in colonies
lorica length: 50 – 66\mu m (basal), 32 – 35\mu m (distal part of the colony)
lorica width: 3 – 5\mu m

LM (coastal station Heiligendamm)
phytoplankton – chrysophyceae

Dinobryon borgei

life-form: solitary
length: 15 - 21μm (lorica without spine), 10 - 15-(20)μm (spine)
lorica width: 3,5 - 4,8μm

LM (coastal station Heiligendamm)
phytoplankton – chrysophyceae

Dinobryon divergens

abundance: freshwater species, but occurs sporadically in coastal waters
life-form: in colonies
lorica length: 30 - 65μm
lorica width: 8 - 11μm

LM (Bothnian Bay)
phytoplankton – chrysophyceae

Dinobryon faculiferum

abundance: all year
life form: solitary
lorica length: 65–85µm, lorica with extremely long basal spine
lorica width: 4–4.8µm

LM (coastal station Heiligendamm)
phytoplankton - chrysophyceae
Ollicolavangoorii

abundance: summer, autumn
life-form: solitary
size of lorica: 4 x 6 μm
phytoplankton – chrysophyceae

Pseudopedinella cf. elastica

life form: solitary
cell length: 9 - 15 μm
cell width: 10 - 14 μm

LM (coastal station Heiligendamm)  LM (Bornholm Sea)
phytoplankton - chrysophyceae

Synura sp.

- abundance: autumn
- life-form: in colonies
- diameter of colonies: 40-60 µm

LM (North Sea, HELGO)