

Phytoplankton composition in the Alg@line samples

Sirpa Lehtinen, SYKE Marine Research Centre 5.8.2015

Utö (Lat 59.56539, Lon 21.36177) 3.8.2015

Dominant species:

Oscillatoriales spp.

Aphanizomenon flos-aquae

Heterocapsa triquetra

Nodularia spumigena

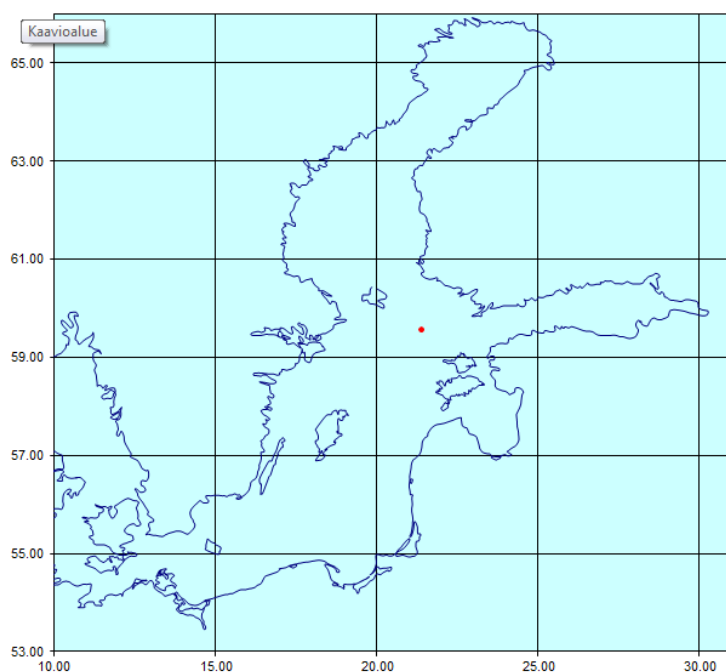
Dinophysis norvegica

Dinophysis rotundata

Temperature of the surface water was 16°C and chl-*a* concentration was 3,9 µg/L. The pretty low phytoplankton biomass was dominated by filaments of cyanobacteria Oscillatoriales spp. and *Aphanizomenon flos-aquae*. Cyanobacterium *Nodularia spumigena* was also quite common. Dinoflagellates *Heterocapsa triquetra*, *Dinophysis norvegica* and heterotrophic *D. rotundata* were other common species.



Utö 3.8.2015. Dinoflagellate *Dinophysis rotundata* seen with 500x magnification. Photo: Sirpa Lehtinen, SYKE.



Alg@line station Utö is the red spot on the map.