

Phytoplankton dominant species in the Gulf of Finland 13.7.2016

Sirpa Lehtinen, SYKE Marine Research Centre 14.7.2016

Cyanobacterium Oscillatoriales spp. is very numerous in the Alg@line sampling points FM16 and FM22 (see the map). The other important taxa are the N₂-fixing cyanobacteria *Aphanizomenon flosaquae* and *Dolichospermum* spp. Since the last week, amount of cyanobacterium *Nodularia spumigena* has increased in the FM16, and amount of dinoflagellate *Heterocapsa triquetra* in the FM22.

Opening of the Gulf of Finland (FM16)

Oscillatoriales spp.

Aphanizomenon flosaquae

Dinophysis acuminata

Nodularia spumigena

Dolichospermum spp.

Surface temperature 16,0°C, chl *a* 6,4 µg/l.

Gulf of Finland, in front of Helsinki (FM22)

Aphanizomenon flosaquae

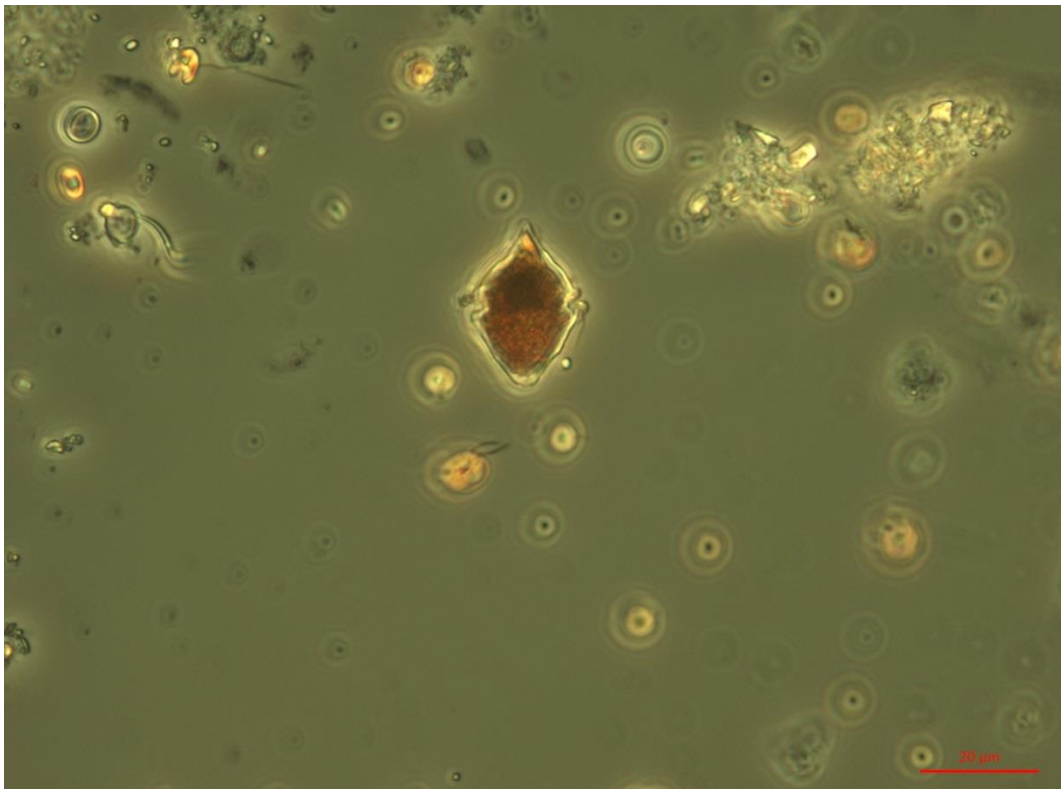
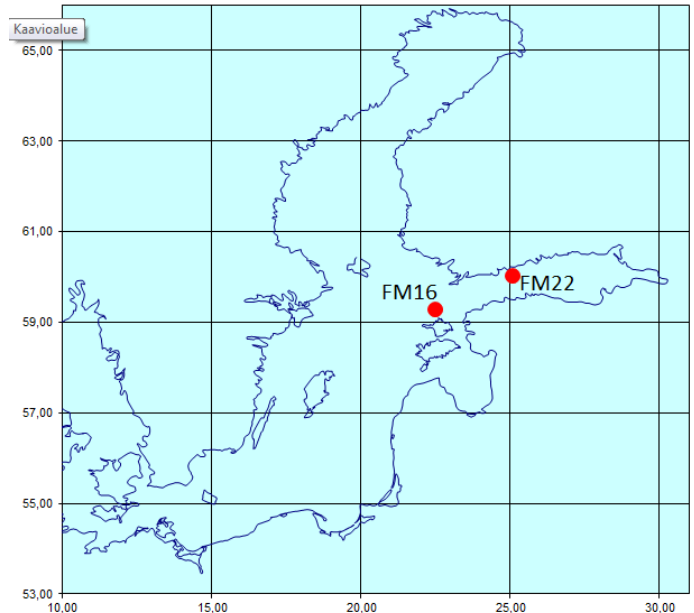
Dolichospermum spp.

Oscillatoriales spp.

Mesodinium rubrum

Heterocapsa triquetra

Surface temperature 12,9°C, chl *a* 3,8 µg/l.



Amount of dinoflagellate *Heterocapsa triquetra* has increased in the sampling point FM22.

Photo: Sirpa Lehtinen/SYKE MRC.