

Phytoplankton dominant species in the Gulf of Finland 1.6.2016

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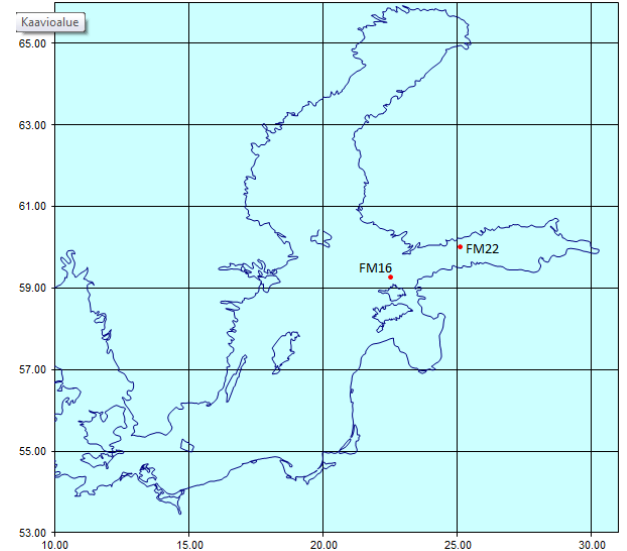
In the Alg@line sampling points FM16 and FM22 (see the map), phytoplankton spring bloom is over and the diatom *Skeletonema marinoi* was the only typical spring species which was still present in the samples. Cyanobacterium *Aphanizomenon flosaquae* was quite common, as well as *Mesodinium rubrum*. Other most common species are written below. Pine pollen was numerous, especially in the station FM22.

Opening of the Gulf of Finland (FM16)

Aphanizomenon flosaquae
Mesodinium rubrum
Dinophysis acuminata
Protoperidinium brevipes
Monoraphidium contortum

Gulf of Finland, in front of Helsinki (FM22)

Aphanizomenon flosaquae
Skeletonema marinoi
Monoraphidium contortum
Mesodinium rubrum
Chaetoceros wighamii



Cyanobacterium *Aphanizomenon flosaquae*, chlorophyte *Monoraphidium contortum*, diatom *Skeletonema marinoi*, dinoflagellate *Protoperidinium bipes*, and pine pollen (brown ca. 50 µm particle in the right) in a sample taken from sampling point FM22, Gulf of Finland on 1.6.2016. Photo: Sirpa Lehtinen/SYKE MRC.