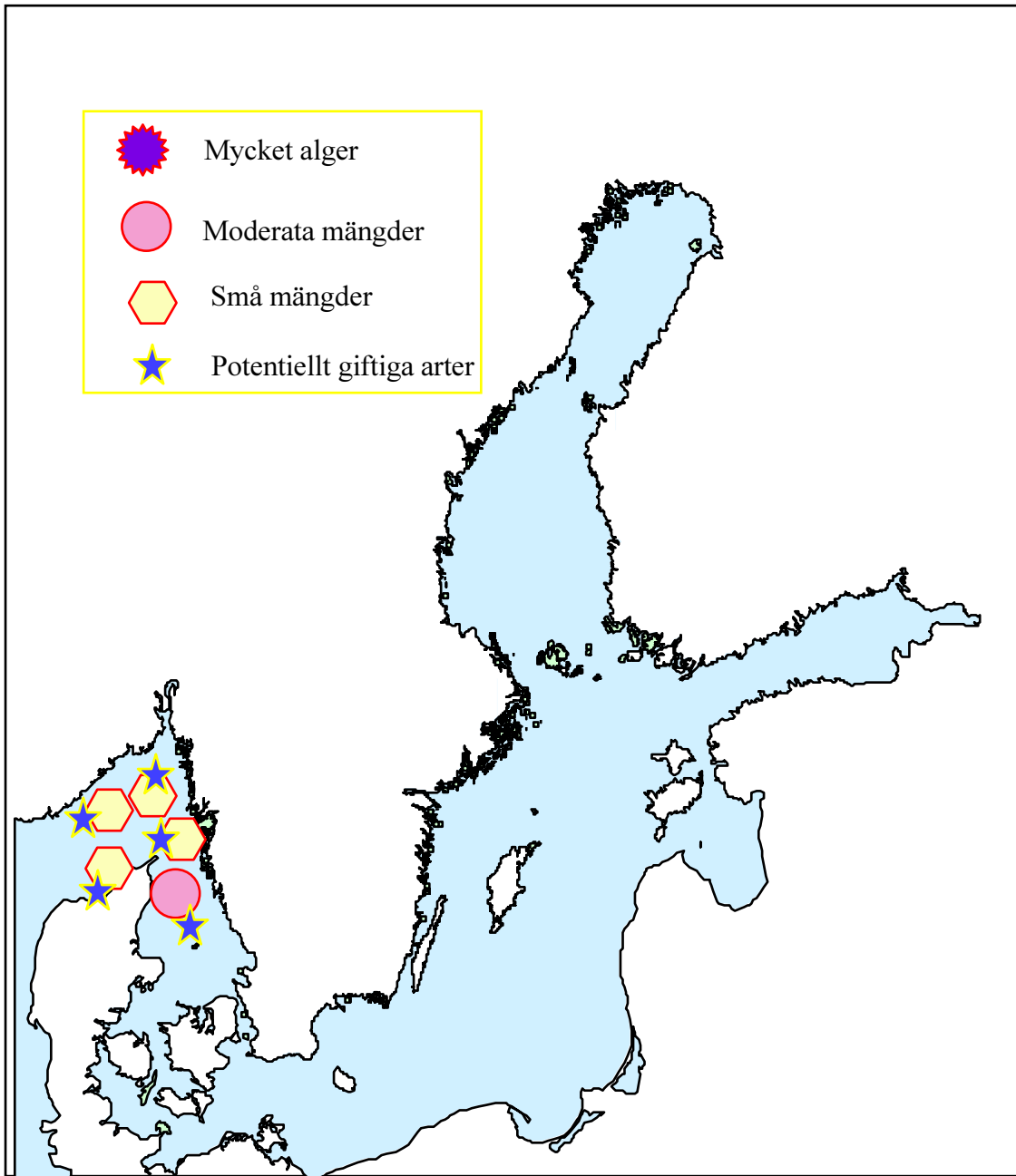


ALGAL SITUATION IN SWEDISH MARINE WATERS No 9, 25-27 May, 1998



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DETAILS

* POTENTIALLY HARMFUL SPECIES

Sampling in the Skagerrak and the Kattegat

SKAGERRAK

Stations **HS5, M6, Å16 and P2, 26-27 May**

High diversity, but small amounts of phytoplankton.

Among diatoms Chaetoceros curvisetus dominated, followed by Leptocylindrus minimus, Guinardia flaccida, Pseudo-nitzschia pungens and Pseudo-nitzschia delicatissima. The latter was very abundant at station P2.

Among dinoflagellates small species as Scrippsiella spp., cf. Pentaparsodinium sp. and Heterocapsa triquetra were common. Small amounts of Ceratium and Dinophysis* species were found in the central Skagerrak.. The PSP producing dinoflagellate Alexandrium tamarense* was observed in small numbers in the whole area.

Small amounts of the potential toxic genus Chrysochromulina* was observed, whereas the species cf. Chattonella sp.* which formed blooms earlier in May was not observed now.

KATTEGAT

Station **Läsö Ränna, 25 May**

High diversity with moderate amounts of phytoplankton.

Among diatoms Chaetoceros curvisetus dominated, followed by Guinardia flaccida and Proboscia alata and Pseudo-nitzschia delicatissima.

Dinoflagellates were dominated by Ceratium longipes and C. tripos. Protoperidinium depressum and small numbers of Dinophysis* species and Alexandrium tamarense* were also present.

Small amounts of the potential toxic genus Chrysochromulina* and the species cf. Chattonella sp.* which formed blooms earlier in May was observed in low numbers.

This report is based on net samples from the upper 20 m.

FORECAST

A beginning summer situation dominated by small flagellates and occasional blooms of diatoms can be expected the next few weeks.