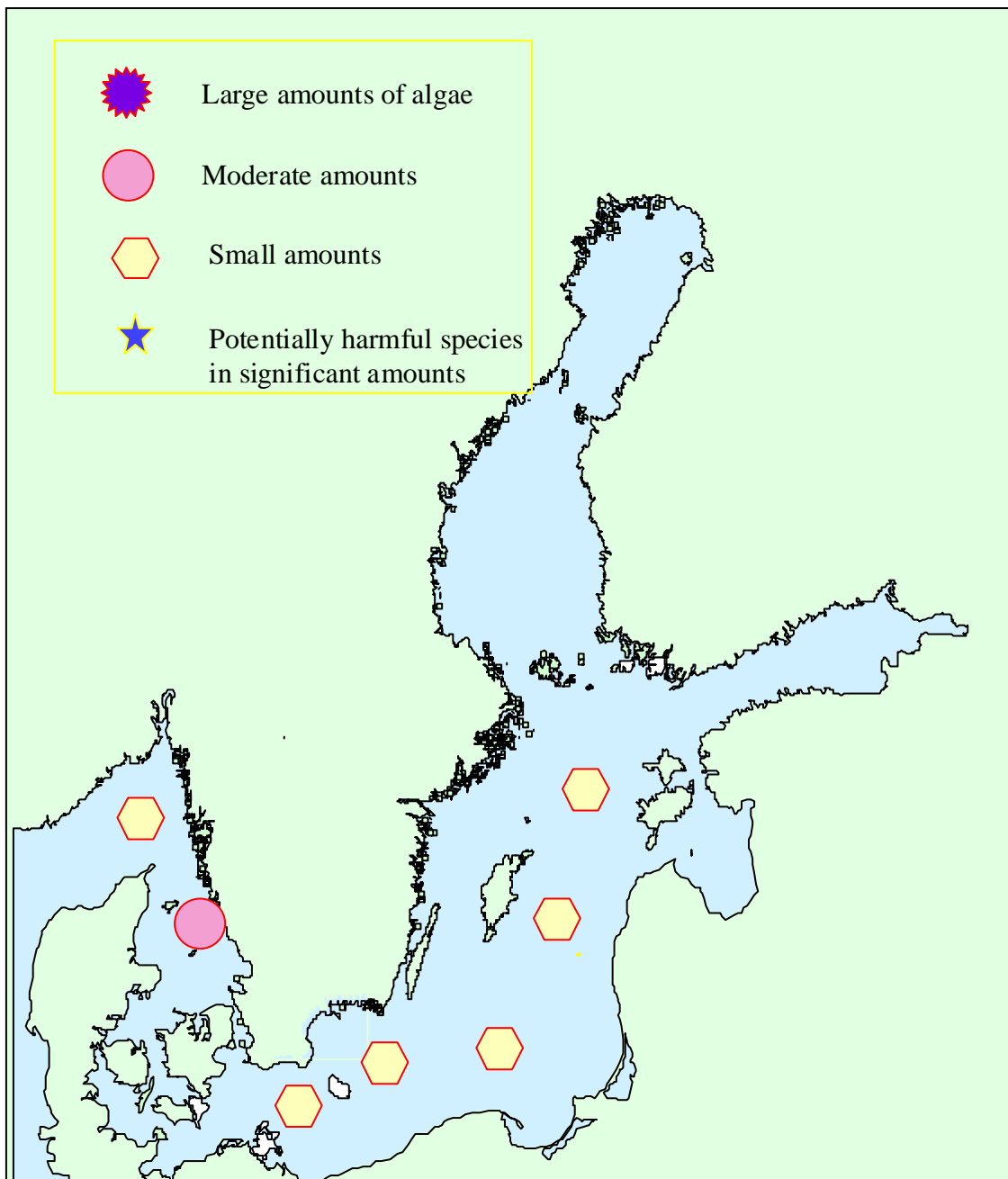


**ALGAL SITUATION IN SWEDISH MARINE WATERS  
No 12, 1999, 12-16 DECEMBER****OVERVIEW****Sampling in the Skagerrak, the Kattegat and the Baltic Sea**

**ALGAL SITUATION IN SWEDISH MARINE WATERS  
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## DETAILS

\* POTENTIALLY HARMFUL SPECIES

**Sampling in the Skagerrak, the Kattegat and the Baltic Sea****SKAGERRAK****Station Å17, 16 December**

Very poor plankton flora. Single cells of *Ceratium furca*, *Gymnodinium* sp. and *Cylindrotheca closterium*. No *Dinophysis* observed.

**KATTEGAT****Station Anholt E, 15 December**

Poor plankton flora. Single cells of *Ceratium tripos*, *Dinophysis acuta\**, *Proboscia alata*. and *Guinardia flaccida*. The green dinoflagellate, *Gymnodinium chlorophorum* was very common with about 150 000 cells/l. *Pseudo-nitzschia* cf. *fraudulenta* was also common with about 100 000 cells/l.

**BALTIC SEA****Arkona basin. Station BY2, 14 December**

Extremely poor plankton flora. Single cells of *Coscinodiscus* sp. and small flagellates were found. In the net samples *Chaetoceros impressus* and *Aphanizomenon* sp. were relatively common.

**Bornholm basin. Station BY5, 14 December**

Extremely poor plankton flora. Small numbers of flagellates and single cells of Choanoflagellates were found. In the net samples *Chaetoceros impressus* and *Aphanizomenon* sp. were relatively common.

**Southeast Baltic, Station BCS III 10, 14 December**

Very poor flora. Small numbers of *Chaetoceros impressus* and *Coscinodiscus* sp. were found. In the net samples *Aphanizomenon* sp. was relatively common.

**Eastern Gotland basin, Station BY15, 13 December**

*Aphanizomenon* sp. were found in about 3.5 m/l. Single cells of *Coscinodiscus* sp. present

**Northern Baltic, Station BY29, 26 OCTOBER**

Very poor flora. Small numbers of flagellates observed.

This report is based on a rough quantification of integrated samples between 0 and 10 m.

**FORECAST**

A normal winter situation with very small amounts of phytoplankton is developing. This situation is likely to continue for at least one month.