SMHI

AlgAware

Oceanographic Services

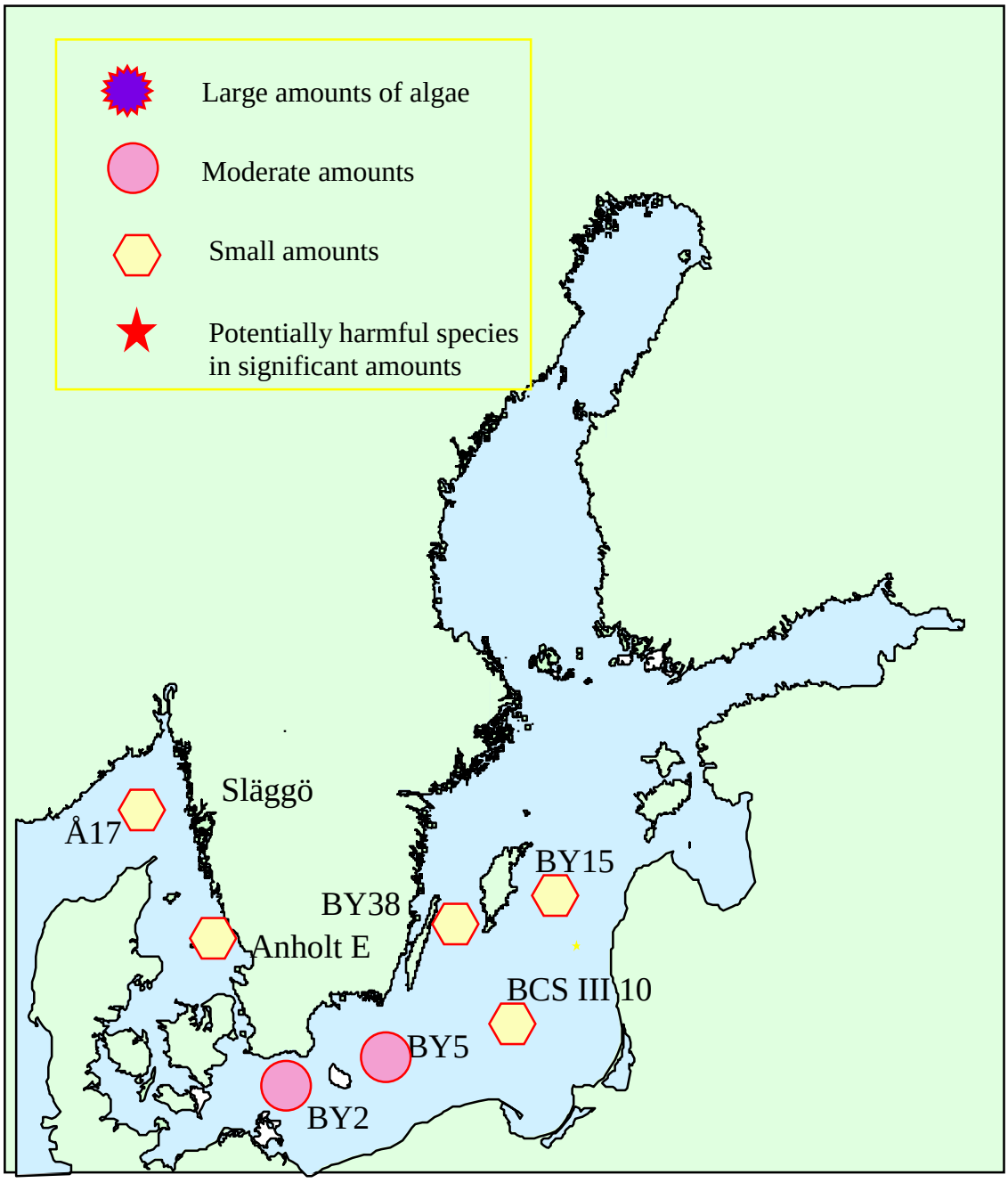
Lars Edler

ALGAL SITUATION IN SWEDISH MARINE WATERS

No 6, 2001, 30 July – 4 August

Quantitative samples were obtained within SMHIs regular monitoring programme, covering the Skagerrak, Kattegat, Sound and Baltic proper. The samples were scanned for toxic and dominating species of phytoplankton.

OVERVIEW



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DETAILS

* POTENTIALLY HARMFUL SPECIES

SKAGERRAK

Station Å17, 4 AUGUST

Poor plankton flora. *Ceratium furca* predominated together with small *Monads and flagellates*.

KATTEGAT

Station Anholt E, 30 JULY

Poor plankton flora. *Ceratium furca* predominated together with *Monads and flagellates*. Diatoms of the potentially toxic genus *Pseudo-nitzschia** were present in relatively low numbers. At 30 m depth there was a peak of the diatom *Guinardia flaccida* with about 30 000 cells/l.

Station Anholt E, 3 AUGUST

Again a poor plankton flora. *Ceratium furca* predominated together with *Monads and flagellates*. Diatoms of the potentially toxic genus *Pseudo-nitzschia** were present in relatively low numbers and the potentially toxic dinoflagellate *Dinophysis acuta** was present as single cells.

BALTIC SEA

Arkona basin. Station BY2, 31 JULY

Aphanizomenon sp. dominated completely. Small amounts of diatoms, mainly from the genus *Chaetoceros*.

Bornholm basin. Station BY5, 31 JULY

Aphanizomenon sp. dominated completely. Small amounts of diatoms, mainly from the genus *Chaetoceros* and especially from *Chaetoceros impressus*.

Southeastern Baltic. Station BCS III 10, 31 JULY

Small amounts of *Aphanizomenon* sp., otherwise a very poor plankton flora.

Eastern Gotland basin, Station BY15, 1 AUGUST

Small amounts of *Aphanizomenon* sp., otherwise a very poor plankton flora.

Western Gotland basin, Station BY38, 12 JULY

Essentially the same as the eastern Gotland Basin, but ciliates very very common.