

# AA.I1S2 BALTIC PHOTIC COARSE SEDIMENT DOMINATED BY *CHORDA FILUM* AND/OR *HALOSIPHON TOMENTOSUS*

## AUTHOR

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## TEXTUAL DESCRIPTION

Baltic bottoms in the photic zone with at least 90 % coverage of coarse sediment. Coarse sediment has less than 20 % of mud/silt/clay fraction (<63 µm), and the proportion of gravel and pebbles (grain size 2–63 mm) exceeds 30% of the combined gravel and sand fraction . Annual algae cover at least 10 %, while all other vegetation covers less than 10 %. Out of the annual algae, *Chorda filum* and/or *Halosiphon tomentosus* constitutes at least 50 % of the biovolume.

## PHYSICAL ENVIRONMENT

Salinity range: < 4.5 psu; Exposure range: moderate; Depth range: down to about 4 meters

## CHARACTERISTIC SPECIES

*Chorda filum*, *Halosiphon tomentosus*

## MAPPING ADVISE

The key species are seasonal

## GEOGRAPHICAL RANGE

Baltic Sea up to the Quark

## ANTHROPOGENIC THREATS

Decreased light penetration depth and increased sedimentation caused by eutrophication

## CORRESPONDENCE WITH OTHER CLASSIFICATION SYSTEMS

### HELCOM 1998:

2.4 Gravel bottoms

2.4.2 Sublittoral photic zone

#### 2.4.2.2 Level bottoms dominated by macrophyte vegetation

##### **EUNIS 2012:**

A5 Sublittoral sediment

A5.5 Sublittoral macrophyte-dominated sediment

<http://eunis.eea.europa.eu/habitats/1733>