

# AA.J1S2 BALTIC PHOTIC SAND 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 sand. Sand has less than 20 % of mud/silt/clay fraction (<63 µm), and the proportion of sand (grain size 0.063–2 mm) exceeds 70% of the combined gravel and sand fraction. Annual algae cover at least 10 % of the seabed, while all other vegetation covers less than 10 %. Out of the annual algae, *Chorda filum* and/or *Halisiphon 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*, *Halisiphon tomentosus*

## QUALITY DESCRIPTORS

density of *Fucus spp.*, amount of epiphytes

## GEOGRAPHIC RANGE

Baltic Sea up to the Quark

## ANTHROPOGENIC THREATS

Eutrophication

## CORRESPONDENCE WITH OTHER CLASSIFICATION SYSTEMS

**HELCOM 1998:**

2.5 Sandy bottoms

2.5.2 Sublittoral photic zone

2.5.2.2 Level bottoms dominated by macrophyte vegetation

**EUNIS 2012:**

A5 Sublittoral sediment

A5.5 Sublittoral macrophyte-dominated sediment

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