

# AA.H1B4 BALTIC PHOTIC MUDDY SEDIMENT DOMINATED BY CHARALES

## AUTHOR

HELCOM RED LIST Biotope Expert Team

## TEXTUAL DESCRIPTION

Baltic bottoms in the photic zone with at least 90 % coverage of muddy sediment. The sediment must contain at least 20 % of mud, silt or clay (grain size less than 63 µm). Submerged rooted plants cover at least 10 % of the seabed and more than other perennial attached erect groups. Of the submerged rooted plants, Charales constitutes at least 50 % of the biovolume

## PHYSICAL ENVIRONMENT

Salinity range: <6 psu; Exposure range: low; Depth range: photic zone from about 0.2 to 7 meters.

## CHARACTERISTIC SPECIES

*Chara aspera*, *Chara tomentosa*, *Tolypella nidifica*, *Chara horrida*

## GEOGRAPHIC RANGE

Whole Baltic Sea

## ANTHROPOGENIC THREATS

Eutrophication

## CORRESPONDENCE WITH OTHER CLASSIFICATION SYSTEMS

### HELCOM 1998:

2.7 Muddy bottoms

2.7.2 Sublittoral photic zone

2.7.2.2 Dominated by macrophyte vegetation

### EUNIS 2012:

A5 Sublittoral sediment

A5.5 Sublittoral macrophyte-dominated sediment

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