

# AA.H1Q4 BALTIC MUDDY SEDIMENT DOMINATED BY STABLE AGGREGATIONS OF UNATTACHED HORNWORT (CERATOPHYLLUM DEMERSUM)

## AUTHOR

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## 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). No perennial attached erect group has a coverage ≥ 10%. Stable aggregations of unattached perennial vegetation cover at least 10 % of the seabed. Out of the unattached perennial vegetation *Ceratophyllum demersum* constitutes at least 50 % of the biovolume.

## PHYSICAL ENVIRONMENT

Exposure range: extremely sheltered; Depth range: photic zone to about 2 meters.

## CHARACTERISTIC SPECIES

*Ceratophyllum demersum*

## MAPPING ADVISE

Found in sheltered bays that can be affected by 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
- A5.54 Angiosperm communities in reduced salinity

<http://eunis.eea.europa.eu/habitats/1591>