

# AA.H1B1 BALTIC PHOTIC MUDDY SEDIMENT CHARACTERIZED BY PONDWEED (*POTAMOGETON PERFOLIATUS* AND/OR *STUCKENIA PECTINATA*)

## 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). Submerged rooted plants cover least 10 % of the seabed and more than other perennial attached erect groups. Of the submerged rooted plants, pondweed form at least 50 % in biovolume.

## PHYSICAL ENVIRONMENT

Salinity range: <6 psu; Exposure range: sheltered; Depth range: photic zone from about 0.2 to 4 meters.

## CHARACTERISTIC SPECIES

*Potamogeton perfoliatus*, *Stuckenia pectinata*

## GEOGRAPHIC RANGE

Whole Baltic Sea

## 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

A5.542 Association with [*Potamogeton pectinatus*]

<http://eunis.eea.europa.eu/habitats/2241>