

# AA.I1B1 BALTIC PHOTIC COARSE SEDIMENT DOMINATED 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 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 . Submerged rooted plants cover at least 10 % of the seabed and more than other perennial attached erect groups. Of the submerged rooted plants, pondweed constitutes at least 50 % of the 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:

2.4 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

A5.54 Angiosperm communities in reduced salinity

A5.542 Association with [*Potamogeton pectinatus*]

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