

# AA.M1B1 BALTIC PHOTIC MIXED SUBSTRATE DOMINATED BY PONDWEED (*POTAMOGETON PERFOLIATUS* AND/OR *STUCKENIA PECTINATA*)

## AUTHOR

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## TEXTUAL DESCRIPTION

Baltic bottoms in the photic zone with more than 10 %, but less than 90 % coverage of both hard and soft substrata. Submerged rooted plants cover least 10 % of the seabed and more than other perennial attached erect groups. Out 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*

## QUALITY DESCRIPTORS

Lower limit of vegetation, amount of epiphytic algae

## GEOGRAPHIC RANGE

Whole Baltic Sea

## ANTHROPOGENIC THREATS

Eutrophication

## CORRESPONDENCE WITH OTHER CLASSIFICATION SYSTEMS

### HELCOM 1998:

2.8 Mixed sediment bottoms

2.8.2 Sublittoral photic zone

2.8.2.2 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>