

# AA.I1D BALTIC PHOTIC COARSE SEDIMENT CHARACTERIZED BY AQUATIC MOSS

## 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. Aquatic moss cover at least 10 % of the seabed and more than other perennial attached erect groups.

## PHYSICAL ENVIRONMENT

Salinity range: <5 psu; Exposure range: all, more common in exposed areas; Depth range: photic zone usually from about 1 to 7 meters

## CHARACTERISTIC SPECIES

*Fontinalis spp.*

## GEOGRAPHIC RANGE

Bothnian Bay. to the northern Bothnian Sea, Eastern Gulf of Finland

## ANTHROPOGENIC THREATS

Decreased light penetration depth and increased sedimentation caused by eutrophication

## 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

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