

# AA.I1C3 BALTIC PHOTIC COARSE SEDIMENT DOMINATED BY PERENNIAL FOLIOSE RED ALGAE

## 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 . Perennial attached algae cover at least 10 % of the seabed and more than other perennial attached erect groups. Out of the perennial attached algae perennial foliose red algae constitute at least 50 % of the biovolume.

## PHYSICAL ENVIRONMENT

Salinity range: >4.5 psu; Exposure range: Sheltered; Depth range: photic zone from about 2 to 10 meters

## CHARACTERISTIC SPECIES

*Coccotylus truncatus*, *Phyllophora* spp.

## GEOGRAPHIC RANGE

Up to the Quark in the north and central Gulf of Finland in the east

## 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>