

AA.I1C2 BALTIC PHOTIC COARSE SEDIMENT DOMINATED BY PERENNIAL NON-FILAMENTOUS CORTICATED 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 non-filamentous corticated red algae constitute at least 50 % of the biovolume.

PHYSICAL ENVIRONMENT

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

CHARACTERISTIC SPECIES

Furcellaria lumbricalis

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>