

AA.M1C1 BALTIC PHOTIC MIXED SUBSTRATE DOMINATED BY *FUCUS SPP.*

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. Perennial algae cover at least 10 % of the seabed and more than other perennial attached erect groups. Out of the perennial attached algae, *Fucus* spp. constitutes at least 50 % of the biovolume.

PHYSICAL ENVIRONMENT

Salinity range: >4.5 psu; Exposure range: low to moderately high; Depth range: photic zone from about 0.5 to 5 meters and deeper in clear waters.

CHARACTERISTIC SPECIES

Fucus vesiculosus, *F. radicans*, *F. serratus maritimus*

QUALITY DESCRIPTORS

Lower limit of *Fucus* belt, amount of epiphytic algae, density of *Fucus*

GEOGRAPHIC RANGE

Baltic Sea up to the Quark in the north and central Gulf of Finland in the east

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

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