

AA.M1B4 BALTIC PHOTIC MIXED SUBSTRATE DOMINATED BY CHARALES

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, Charales constitute at least 50 % of the biovolume.

PHYSICAL ENVIRONMENT

Salinity range: <6 psu; Exposure range: low; Depth range: photic zone from about 0.2 to 7 meters.

CHARACTERISTIC SPECIES

Chara aspera, *Chara tomentosa*, *Tolypella nidifica*, *Chara horrida*, *Chara baltica*

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

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