

AA.H1B5 BALTIC PHOTIC MUDDY SEDIMENT DOMINATED BY SPINY NAIAD (*NAJAS MARINA*)

AUTHOR

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TEXTUAL DESCRIPTION

Baltic bottoms in the photic zone with at least 90 % coverage of muddy sediment. The sediment must contain at least 20 % of mud, silt or clay (grain size less than 63 µm). Submerged rooted plants cover at least 10 % of the seabed and more than other perennial attached erect groups. Of the submerged rooted plants, spiny naiad constitutes at least 50 % of the biovolume

PHYSICAL ENVIRONMENT

Salinity range: <4 psu; Exposure range: extremely sheltered; Depth range: photic zone to about 1 meter.

CHARACTERISTIC SPECIES

Najas marina

ANTHROPOGENIC THREATS

Eutrophication

CORRESPONDENCE WITH OTHER CLASSIFICATION SYSTEMS

HELCOM 1998:

2.7 Muddy bottoms

2.7.2 Sublittoral photic zone

2.7.2.2 Dominated by macrophyte vegetation

EUNIS 2012:

A5 Sublittoral sediment

A5.5 Sublittoral macrophyte-dominated sediment

A5.54 Angiosperm communities in reduced salinity

<http://eunis.eea.europa.eu/habitats/1591>

