

AA.H1B8–BALTIC PHOTIC MUDDY SEDIMENT DOMINATED BY SPIKERUSH (ELEOCHARIS SPP.)

AUTHOR

HELCOM RED LIST Biotope Expert Team

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, spikerush constitutes at least 50 % of the biovolume

PHYSICAL ENVIRONMENT

Salinity range: <4 psu; Exposure range: moderate to high; Depth range: photic zone from about 0 to 2 meters.

CHARACTERISTIC SPECIES

Eleocharis acicularis, *E. uniglumisna*

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>