

AB.M2T Baltic aphotic mixed substrate characterized by sparse epibenthic fauna

Author

HELCOM RED LIST Biotope Expert Team

Textual description

Baltic aphotic bottoms with 10- 90 % coverage of hard (rock/boulders/stone) and 10-90 % soft substrata (e.g. muddy/coarse sediment/sand). Sessile/semi-sessile epibenthic fauna is present but covers less than 10% of the seabed.

Physical environment

Substrate is soft or crystalline rock, boulders or stones mixed with mobile substrates such as sand or coarse substrate. Depth is typically from 20 to 100 meters.

Characteristic species

Mytilus spp, *Macoma balthica*,

Quality descriptors

Diversity, abundance and biomass of fauna.

Geographic range

Whole Baltic Sea

Anthropogenic threats

Eutrophication

Correspondence with other classification systems

HELCOM 1998:

2.8Mixed sediment bottoms

2.8.1 Aphotic zone

EUNIS 2012:

A5 Sublittoral sediment

A5.4 : Sublittoral mixed sediments

A5.41 : Sublittoral mixed sediment in low or reduced salinity

A5.412 : Baltic mixed sediment bottoms of the aphotic zone

<http://eunis.eea.europa.eu/habitats/2589>