

AB.H3M3–BALTIC APHOTIC MUDDY SEDIMENT DOMINATED BY *MARENZELLERIA SPP.*

AUTHOR

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TEXTUAL DESCRIPTION

Baltic aphotic zone bottoms 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). Biomass of infaunal polychaetes dominates and is highest in the group that includes infaunal bivalves/polychaetes/crustaceans/echinoderms/insect larvae. Out of the infaunal polychaetes, *Marenzelleria spp.* constitutes at least 50 % of the biomass.

PHYSICAL ENVIRONMENT

Substrate is muddy sediment.. Appears in low to moderate energy exposure classes.

CHARACTERISTIC SPECIES

Marenzelleria arctica, *Marenzelleria viridis*, *Marenzelleria neglecta*

QUALITY DESCRIPTORS

Diversity, abundance and biomass of fauna

ANTHROPOGENIC THREATS

Eutrophication

CORRESPONDENCE WITH OTHER CLASSIFICATION SYSTEMS

HELCOM 1998:

2.7 Muddy bottoms

2.7.1 Aphotic zone

EUNIS 2012:

A5 Sublittoral sediment

A5.3 Sublittoral mud

A5.37 Deep circalittoral mud

A5.378 Baltic muddy bottoms of the aphotic zone

<http://eunis.eea.europa.eu/habitats/2588>