

Semiquantitative gelatinous zooplankton analysis AWI

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Sampling was carried out in a weekly pattern at station List Reede (SYLT ROADS, position: 55.03 N, 8.46 E; depth: 15,25m - chart datum) with the research catamarans Mya I (until 2013) and Mya II (since 2014) using vertical ring trawls (CalCoFi net, diameter: 1 m; mesh size: 1000 µm; net length: 3 m). The ring trawl was veered until the net bucket got in contact with the sea floor. Next it was carefully hauled up and the organisms caught were quantitatively transferred into a storage bucket. Usually this procedure was repeated three times per sampling. During times of extremely high jelly abundance only one or two hauls were conducted (see comments). All organisms in these catches were subsequently determined and quantified alive using a section scope (Leica Wild M3B, 6,4x - 40x) in the lab.