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11. Mesozooplankton (incl. egg production)
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Zooplankton samples were collected with two Hydro Bios Multinet, mounted with five nets of 64 and 200 μm mesh-size respectively.

The Multinets were lowered vertically and covered with the five successive nets the next depths strata:

Net nr	Depth stratum	approx. volume filtered
1	500-200 m	75 m ³
2	200-100 m	25 m ³
3	100-50 m	12.5 m ³
4	50-25 m	6.25 m ³
5	25-0 m	6.25 m ³

Treatment of samples

The contents of the nets were washed into the FOLSOM plankton splitter and splits into two equal halves.

From the 64 micron mesh size net one halve was concentrated on 50 μm sieve and preserved in 4% formalin for counting and species determination. In accordance with the JGOFS core measurement recommendations the other half was screened into two size fractions (0.2-1 and 1-20 mm) which were rinsed with distilled water and sucked dry on tared Whatman GF/C filters. The filters were stored at -27°C and weighted after 18 h at 60 °C and 2 h at 550 °C subsequently to estimate ashfree dry weight (AFDW).

Counting and species determination was made for Transect 2, 5 and 11. AFDW for the JGOFS protocol was determined for Transect 1, 2, 3, 4, 5, 6, 11 and 12.

Some remarks:

S Species index and name
 D Density per M³
 B Dry weight per M³ in milligram
 G Mean dry weight in microgram
 L Mean length in 100 μ