

SO_DYFAMED Time Series - 1991-> ...

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METHOD

Zooplankton biomass :

Zooplankton samples are collected with standard WP2 plankton nets (200 µm mesh size) mounted on a triple ring and vertically towed from 200 m to surface. Each sample corresponds to 50 m³ filtered sea water. To take nycthemeral variations due to migrating zooplankton into account, sampling is done around mid-day and mid-night .

On board, two of the three cod-ends are separately filtered onto pre-weighted pieces of net (200 µm mesh size), rinsed with ammonium formiate, wrapped in an aluminium fold and stored in a -18°C freezer. The last cod-ends is kept for subsequent species identifications. At the laboratory, each sample is dried at 60°C for 48h and then weighted using a Sartorius microbalance. For each sampling, zooplankton biomass is obtained by subtracting the final weight (net + zooplankton sample) to the initial weight of the net.

FIGURES







