



is expected that a large variety of this fauna will be found, but this will only become clearer after extraction and sorting in Berlin. Our biologists on board SO307 have particular high hopes for the worm-shaped “mud dragons” (Kinorhyncha) (Fig. 1c), which occur worldwide but are still largely unexplored, especially in the deep sea.



*Fig.1a: A successful MUC filled with deep-sea sediment comes back on board. Science (left) and ship's crew (right) work hand in hand. Photo: J.G.*



*Abb.1b: The pipes with the excavated sediments are carefully recovered. The top 30 cm are still filled with the original ocean bottom water from a depth of several thousand meters. Photo: J.G.*



*Abb. 1c: Microscope photo of the “mud dragon” Campyloderes cf. vanhoeffeni. The head area (top) with its numerous spine-like appendages is almost completely retracted here. Foto: B. Neuhaus*

In the meantime, we have advanced to over 40° south this week and the increasing proximity to Antarctica is making itself felt with cooler temperatures (air 8-13°C, water 11-13°C). On the other hand, numerous albatrosses always accompany the ship and whale sightings are frequent. Unfortunately, the weather conditions in these latitudes are quite variable with many small-scale storm lows passing through. Towards the end of the week, we therefore had to occasionally include short mapping sections before the dredging work could be resumed in better conditions.

Best wishes to all those who stayed at home

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Blog posts on this expedition can be found at: <https://www.oceanblogs.org/so307/>