

**Seabird counting during the arctic cruise of r/v "Oceania"  
from Spitsbergen to Bear Island (July 1994)  
AREX'94**

**Michał Malinga  
Dept. of Vertebrate Ecology and Zoology, University of Gdańsk  
Legionów 9, 81-441 Gdańsk**

**Methods**

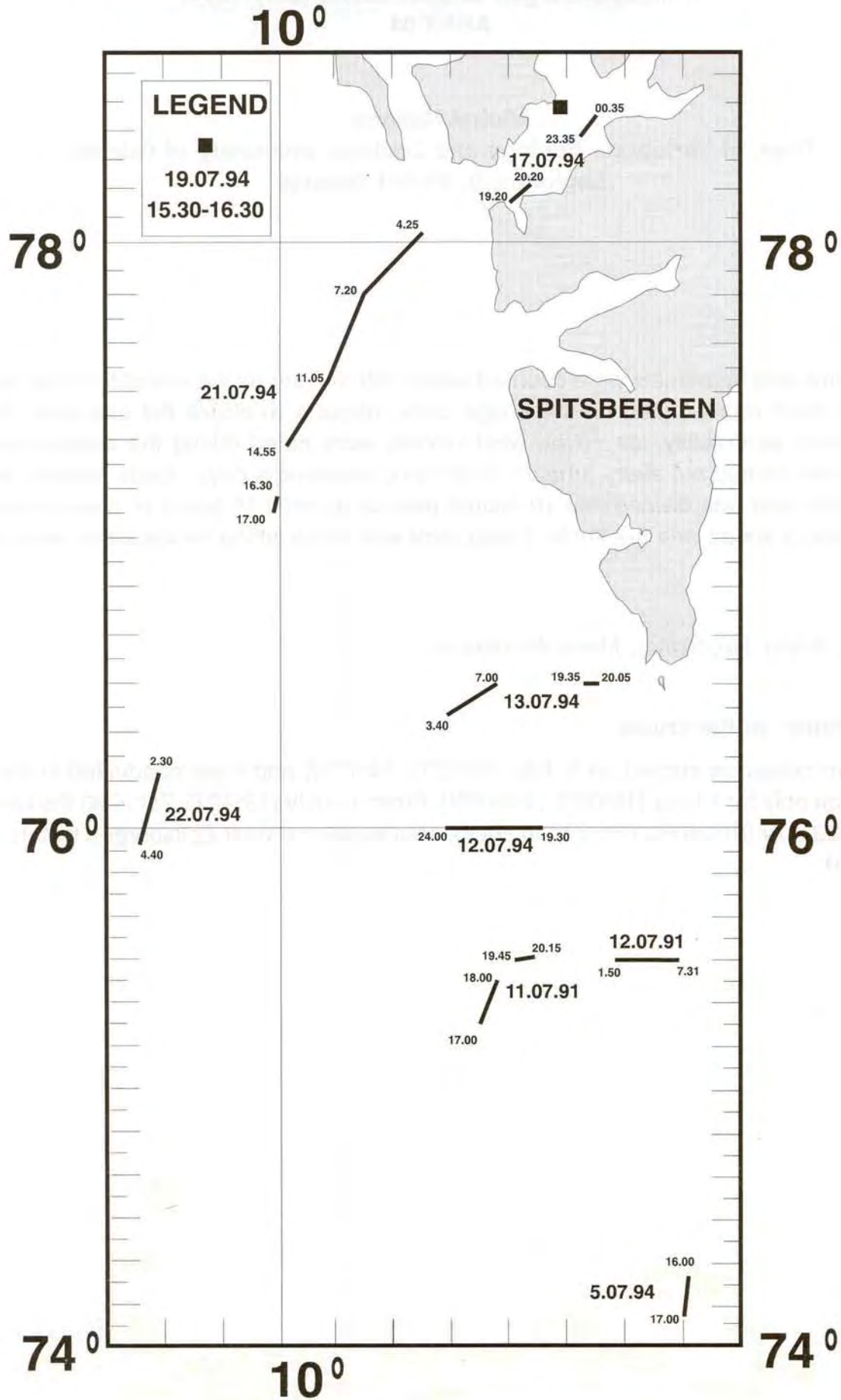
Sea birds and mammals were counted within 300 m zone by the one side of the ship. The observation point was situated on the bridge deck, about 4 m above the sea level. Weather conditions such as visibility, ice cover, wind velocity were noted during the observations. The countings were carried out every 3 hours (8 counting sessions a day). Each session lasted at least 0.5 hour and was divided into 10 minute periods. In total 16 hours of observations were done. The ship's speed was 3-9 knots. Flying birds and those sitting on the water were counted together.

**Observers:** Aneta Jarocewicz, Maria Włodarska.

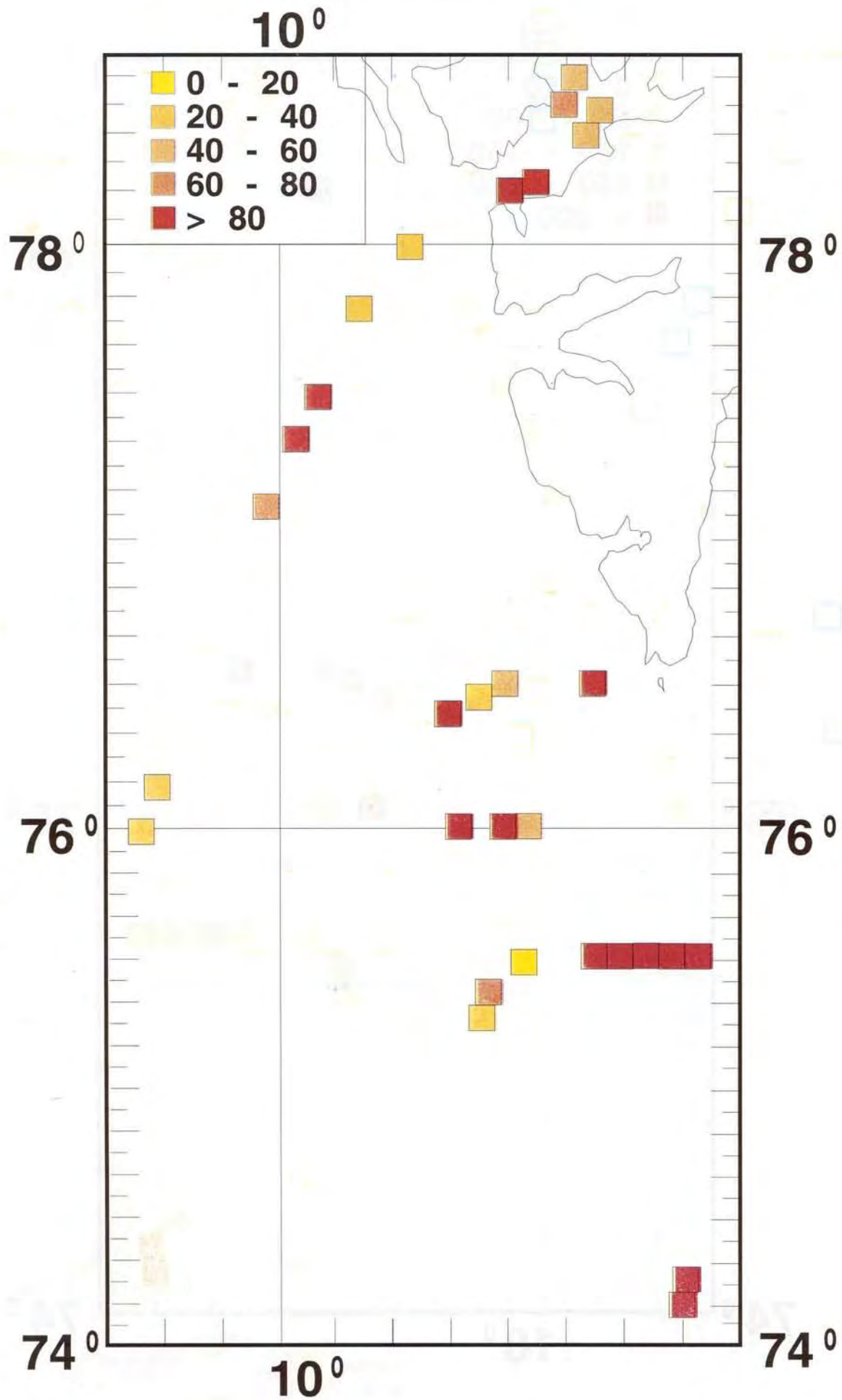
**Time and route of the cruise**

Seabird censuses started on 5 July (16°02'E; 74°17'N) and were conducted in the south-west direction only for 1 hour (16°00'E , 74°10'N). From 11 July (13°32'E, 75°16'N) the birds were counted till 22 July (07°36'E , 75°59'N) in south, southwest and west Spitsbergen waters (also in Istfjord area).

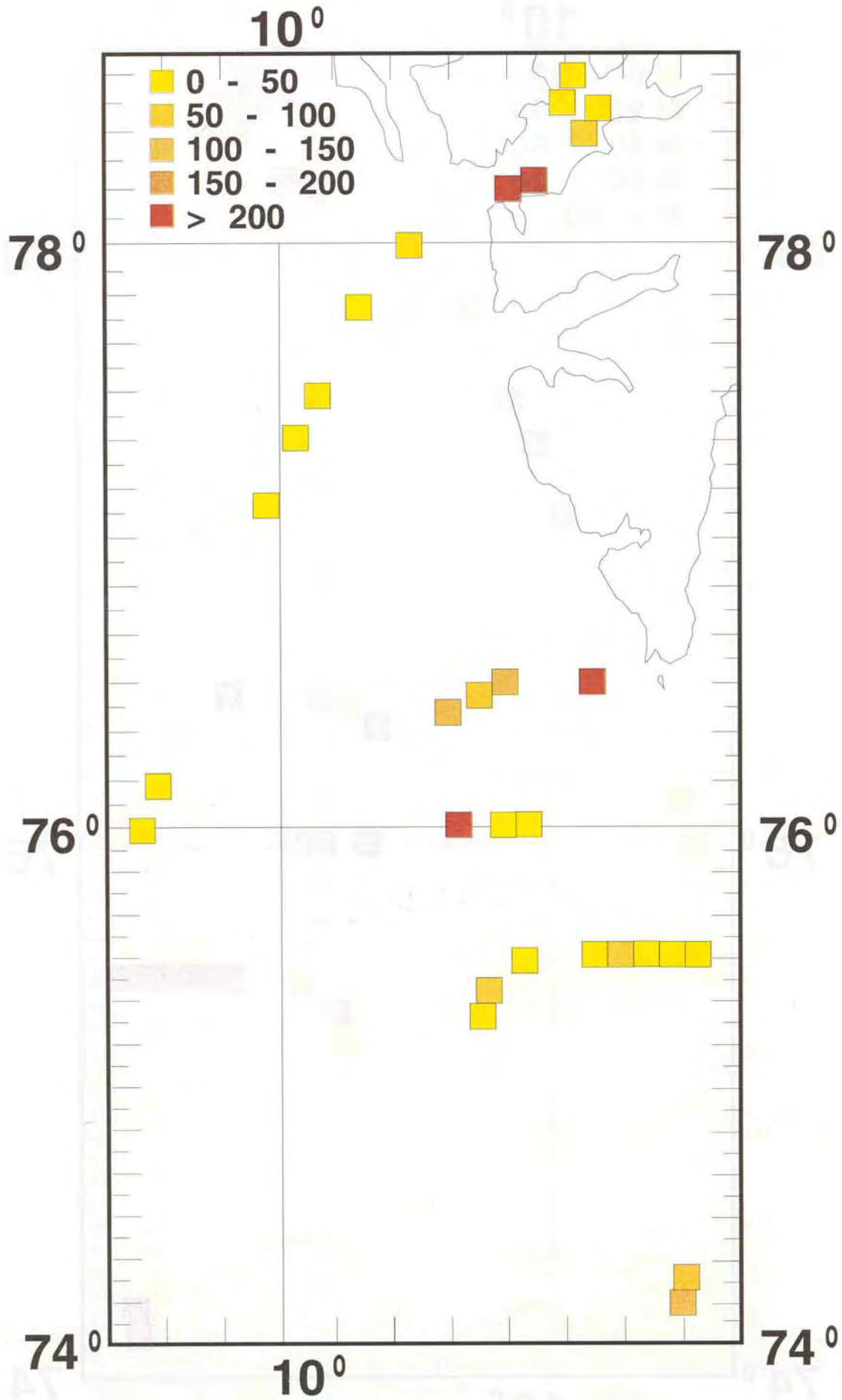
# Route of r/y "Oceania" during cruise from Bear Isl. to Svalbard 5 - 22.07. 1994



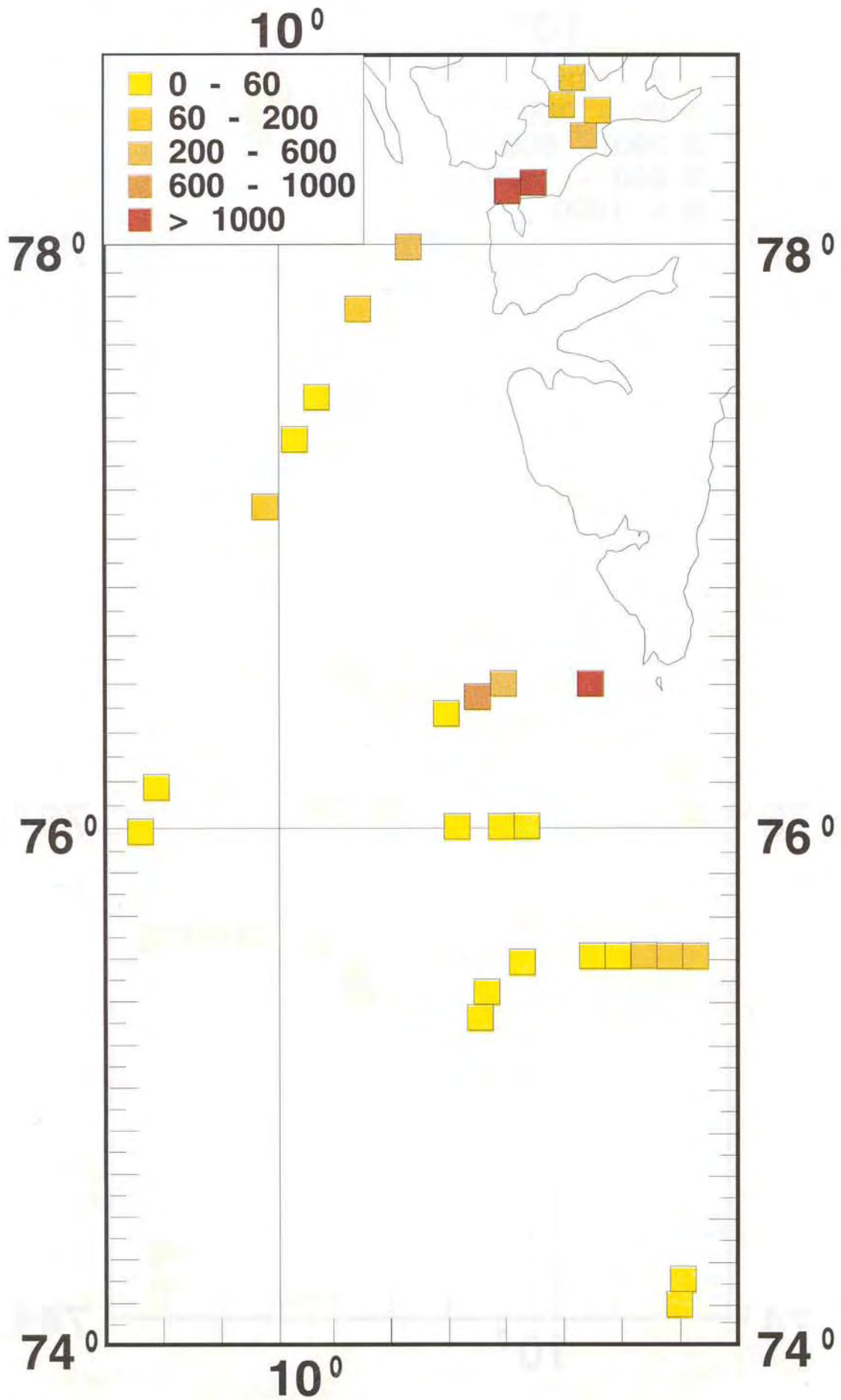
# Fulmarus glacialis



# Rissa tridactyla



# Uria sp.



# Alle alle

