

**Seabird counting during the arctic cruise of s/y "Oceania"
from Bear Island to Spitsbergen (August 1992)
AREX'92**

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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 70 hours and 10 minutes of the observations were done. The ship's speed was 4-10 knots. Flying birds and those sitting on the water were counted separately except for guilemots *Uria* sp.

Observers: Michał Malinga, Lech Stempniewicz.

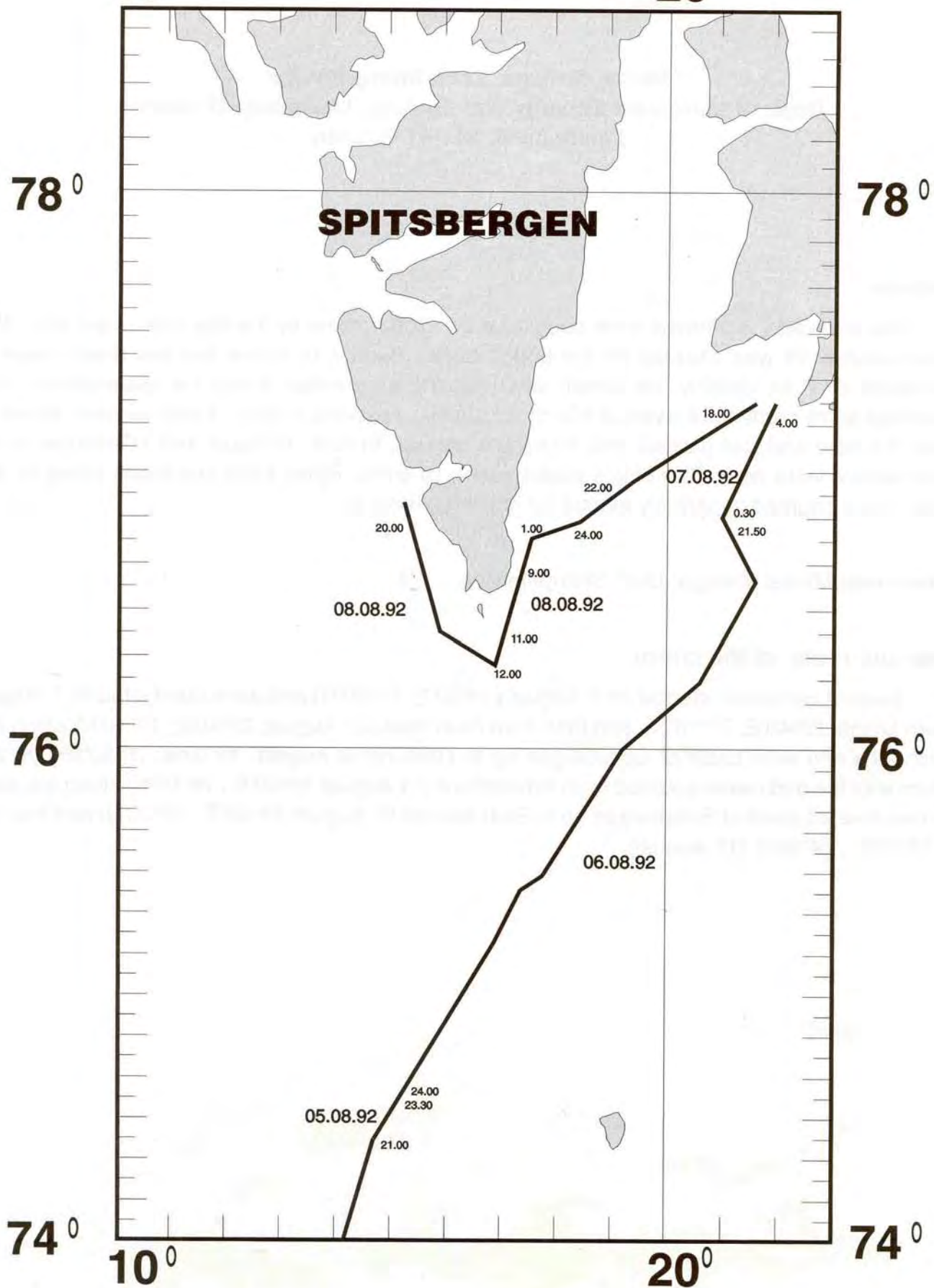
Time and route of the cruise

Seabird censuses started on 5 August (14°20'E; 74°20'N) and were conducted till 7 August (Bear Island, 20°40'E; 77°10'N), and then from Bear Island (7 August; 20°40'E; 77°10'N) along the south-east and west coast of Spitsbergen up to Horsund (8 August; 15°00'E; 76°50'N). On the return way the birds were counted from Adventfjord (11 August 15°00'E , 78°10'N) along the west and south-east coast of Spitsbergen up to Bear Island (15 August; 20°30'E , 77°06'N) and then up to 16°50'E , 74°30'N (17 August).

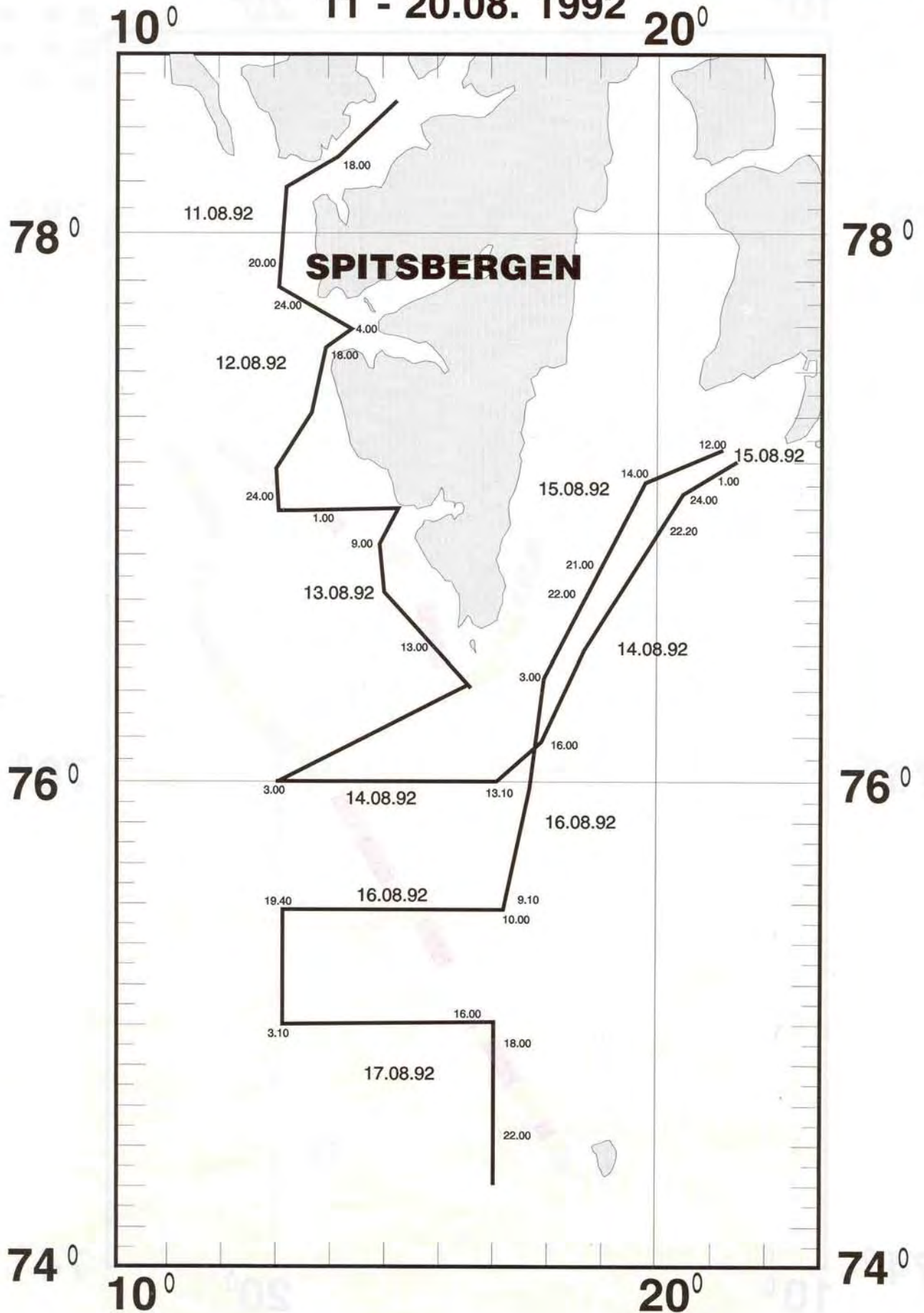


Route of r/y "Oceania" from Bear Isl. to Svalbard

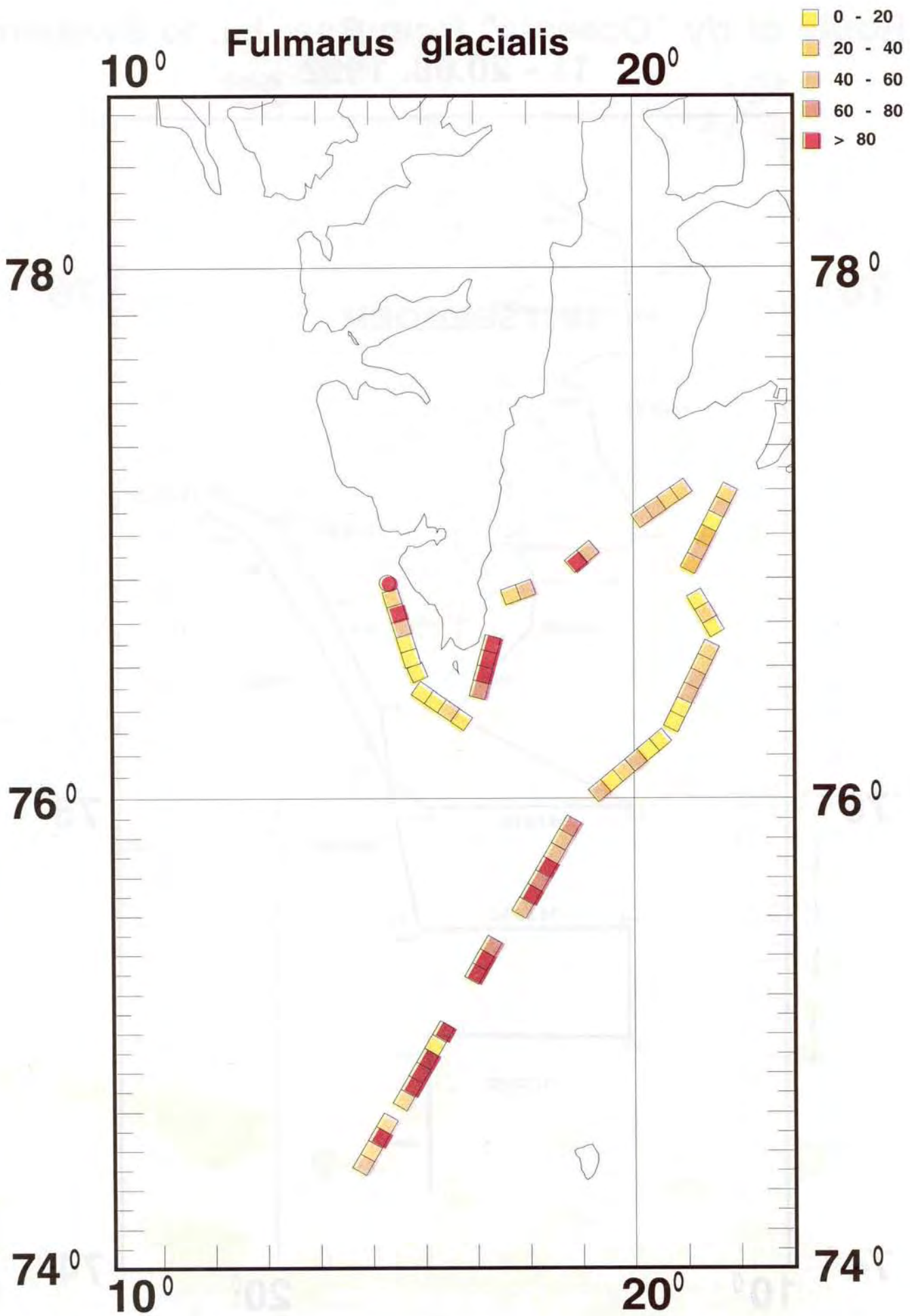
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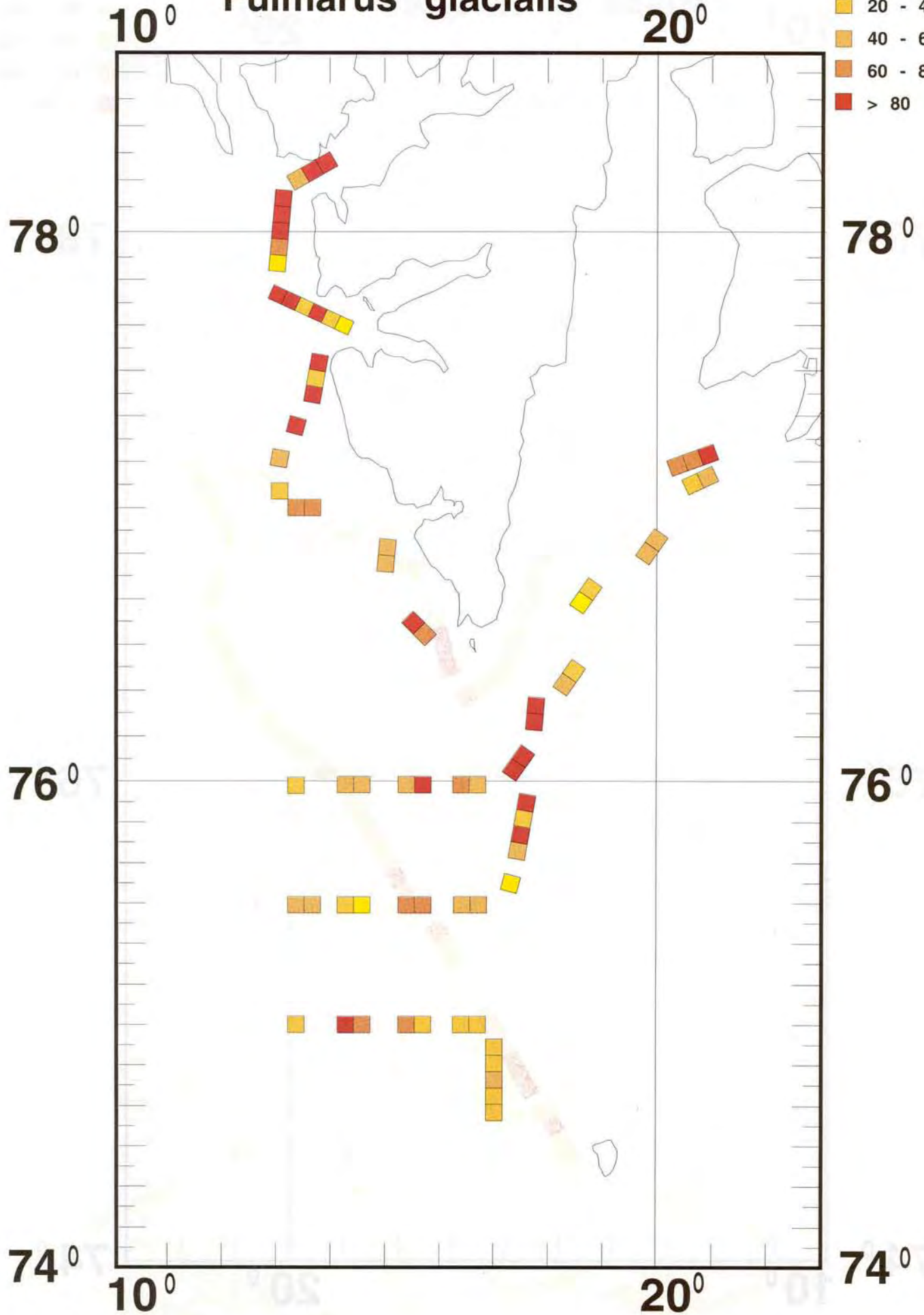
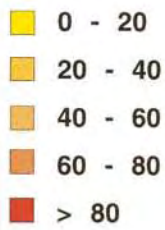
Route of r/y "Oceania" from Bear Isl. to Svalbard 11 - 20.08. 1992



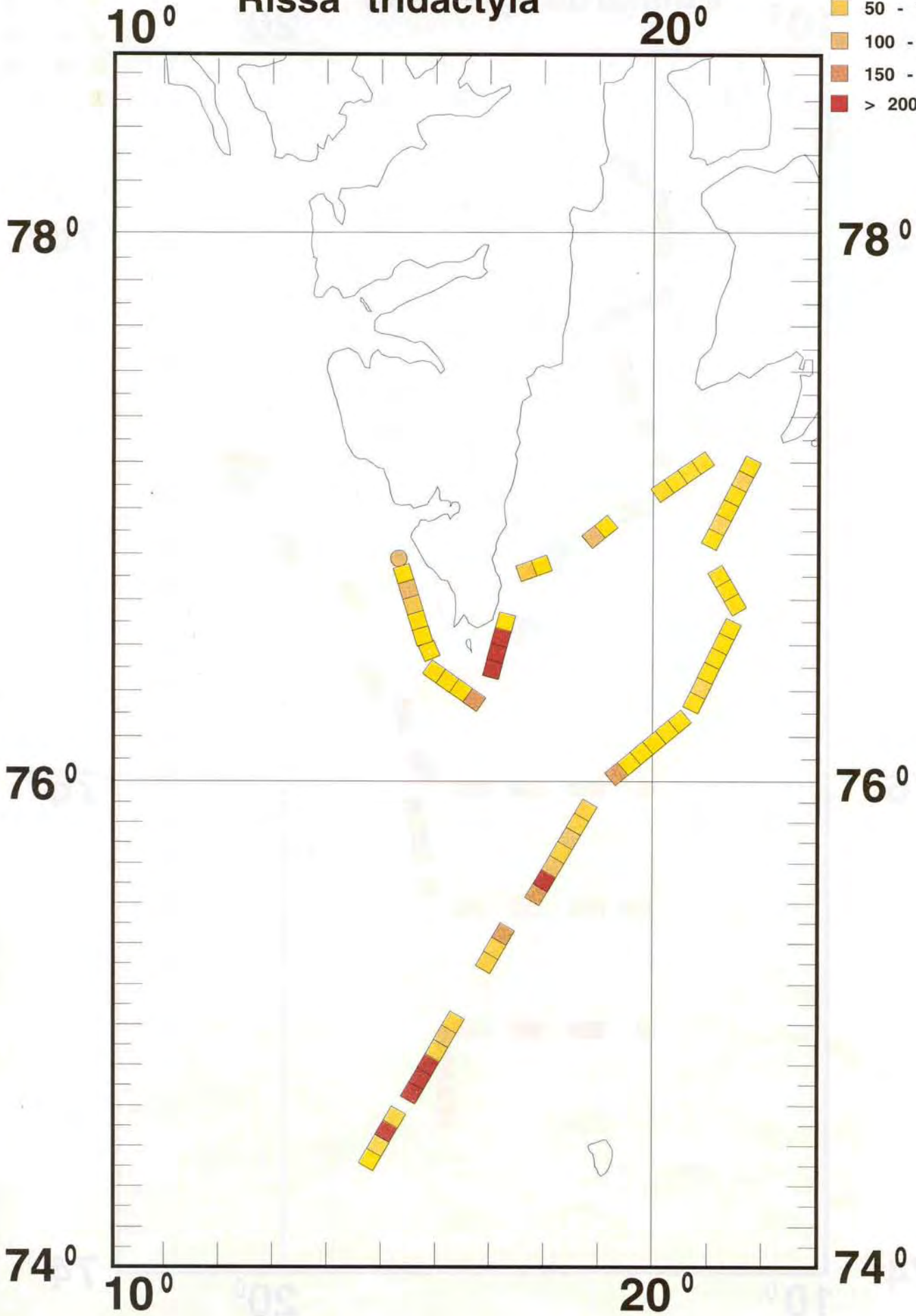
Fulmarus glacialis



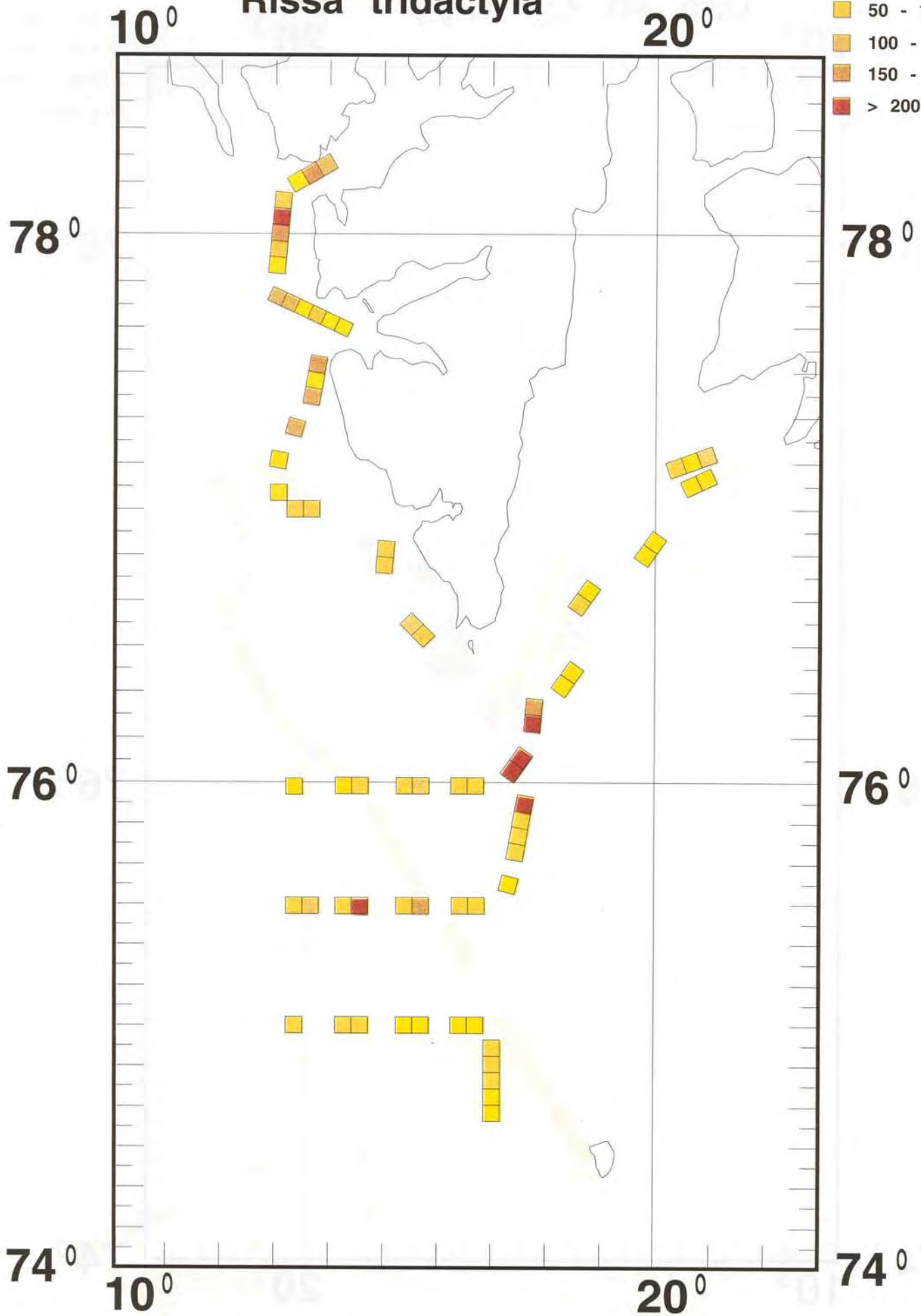
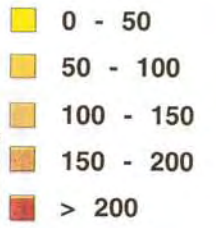
Fulmarus glacialis



Rissa tridactyla

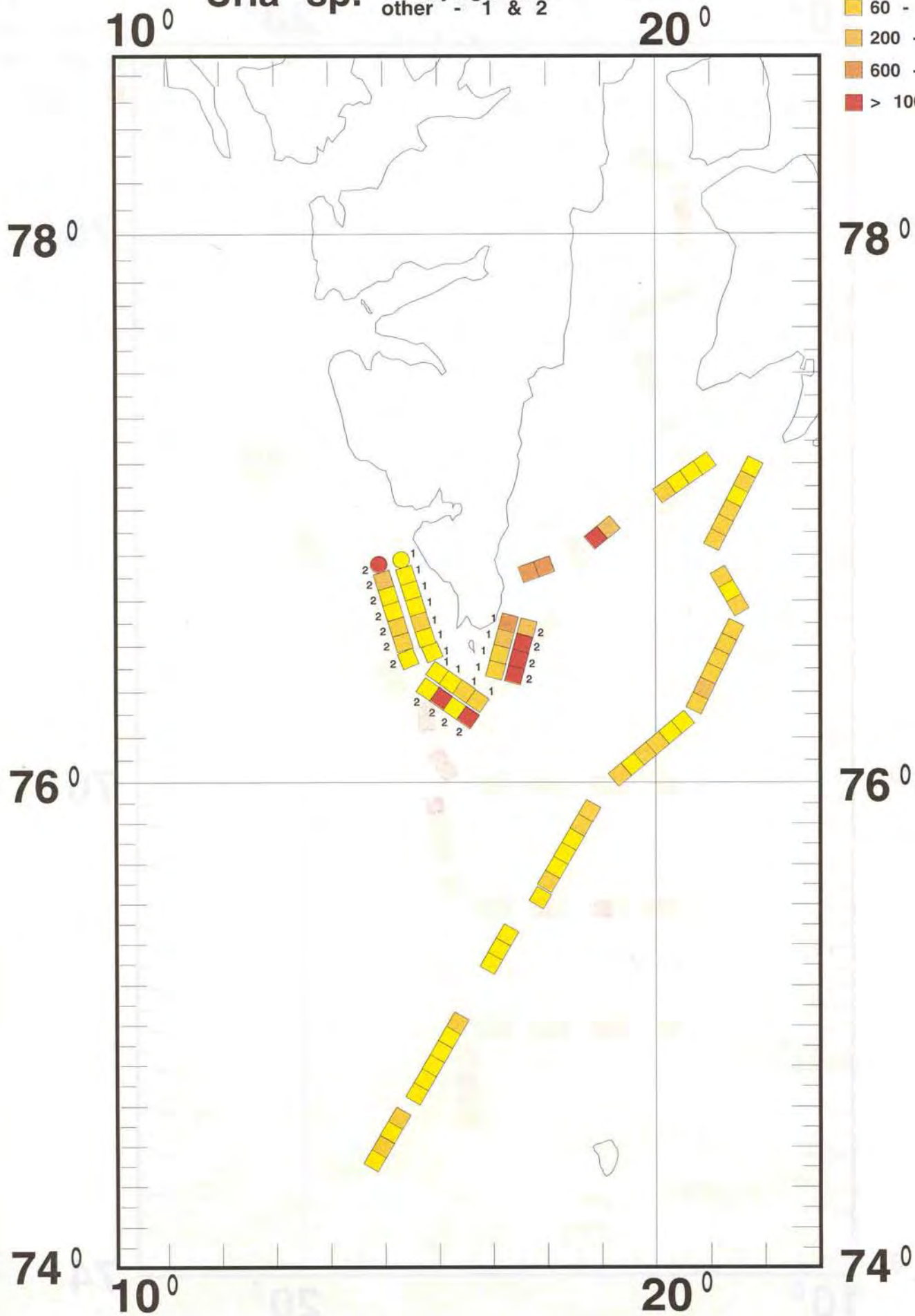
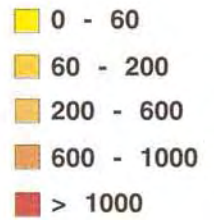


Rissa tridactyla



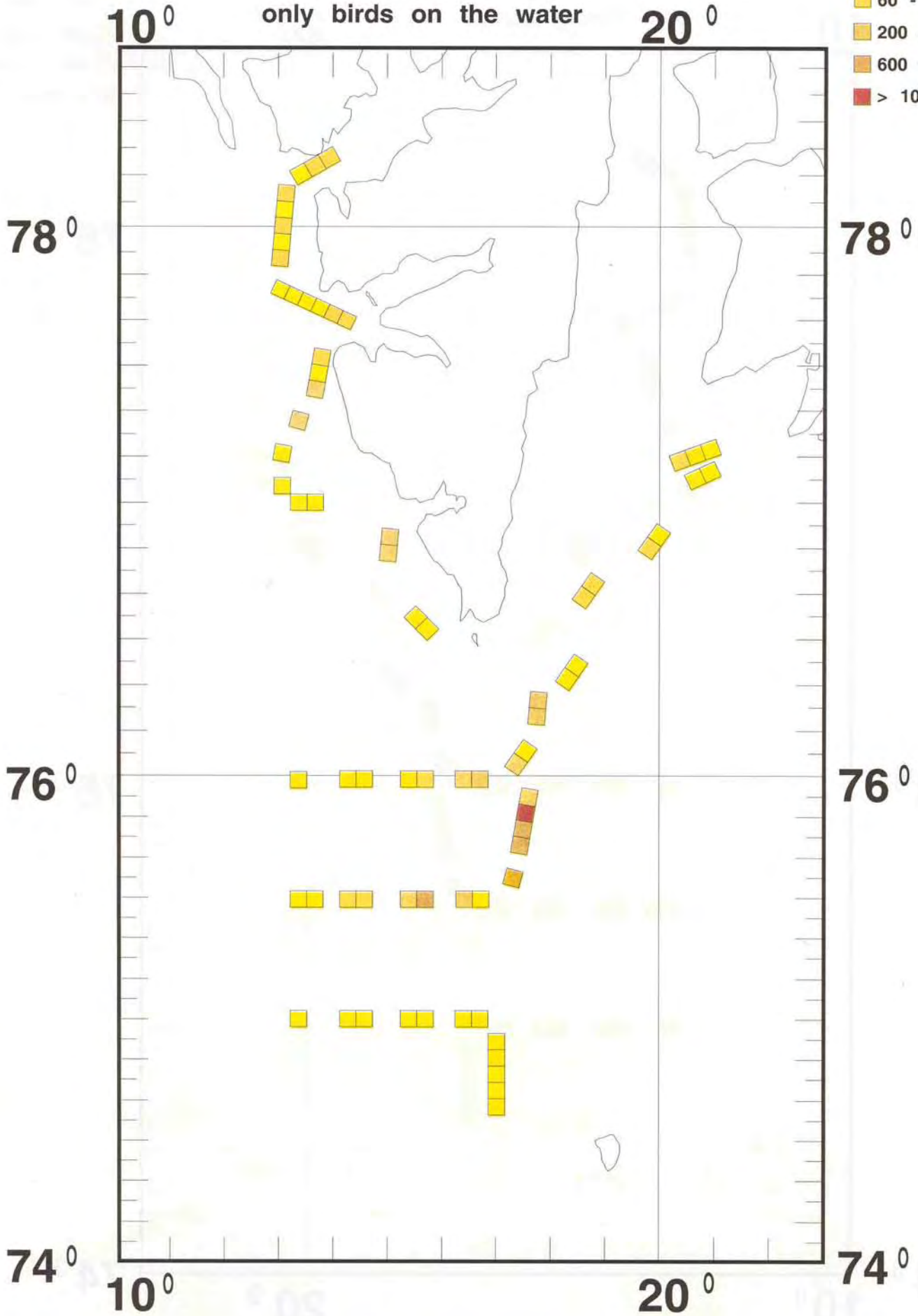
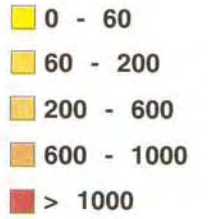
Uria sp.

1 - birds on the water
 2 - flying birds
 other - 1 & 2



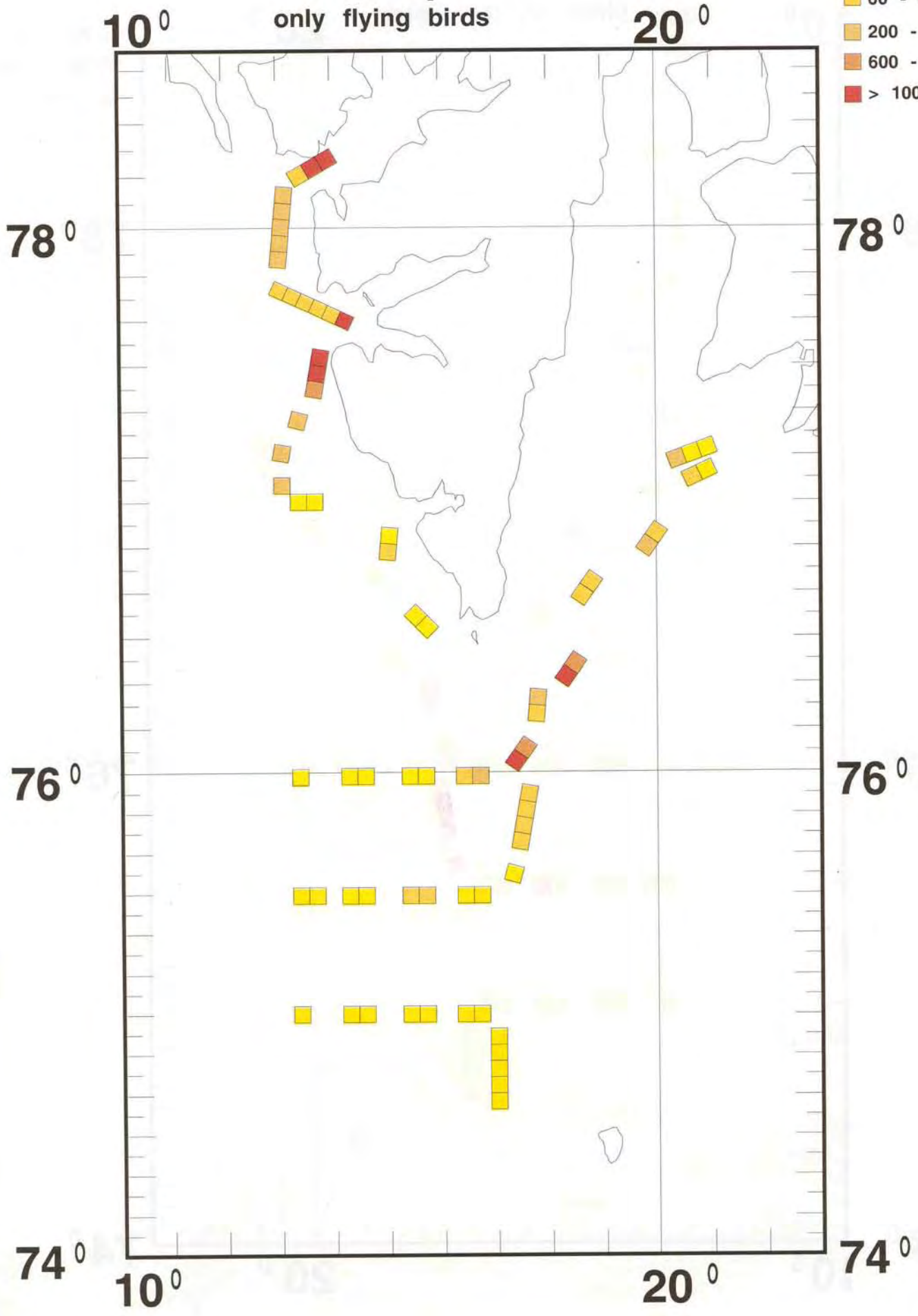
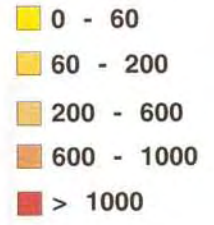
Uria sp.

only birds on the water



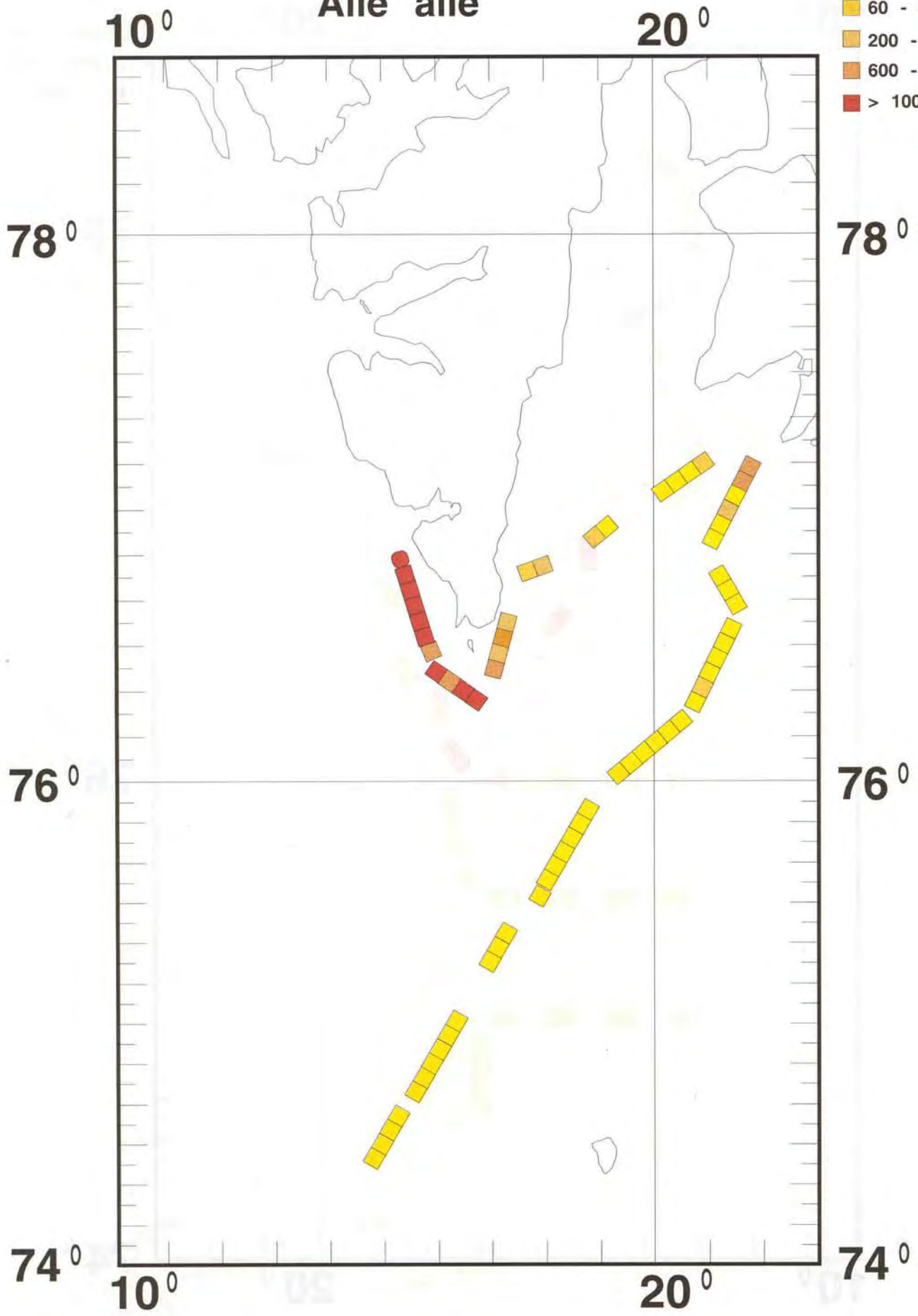
Uria sp.

only flying birds



Alle alle

- 0 - 60
- 60 - 200
- 200 - 600
- 600 - 1000
- > 1000



Alle alle

