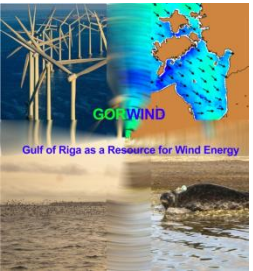
WP3 Birds
Latvia

Ainars Aunins



Latvijas Dabas fonds

Estonia Latvia Programme

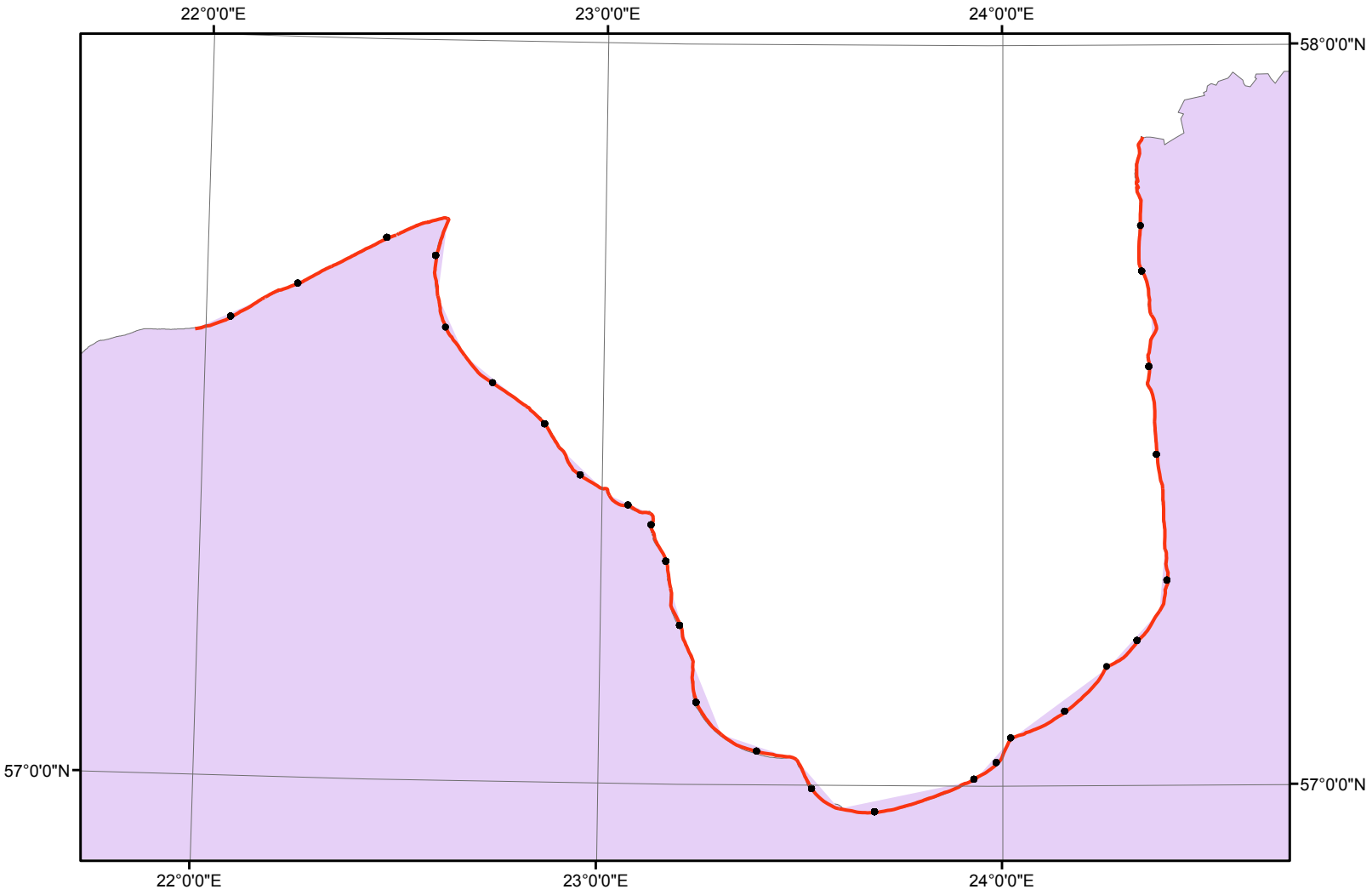
European Union

Linking Estonia and Latvia
Part-financed by the European Regional Development Fund

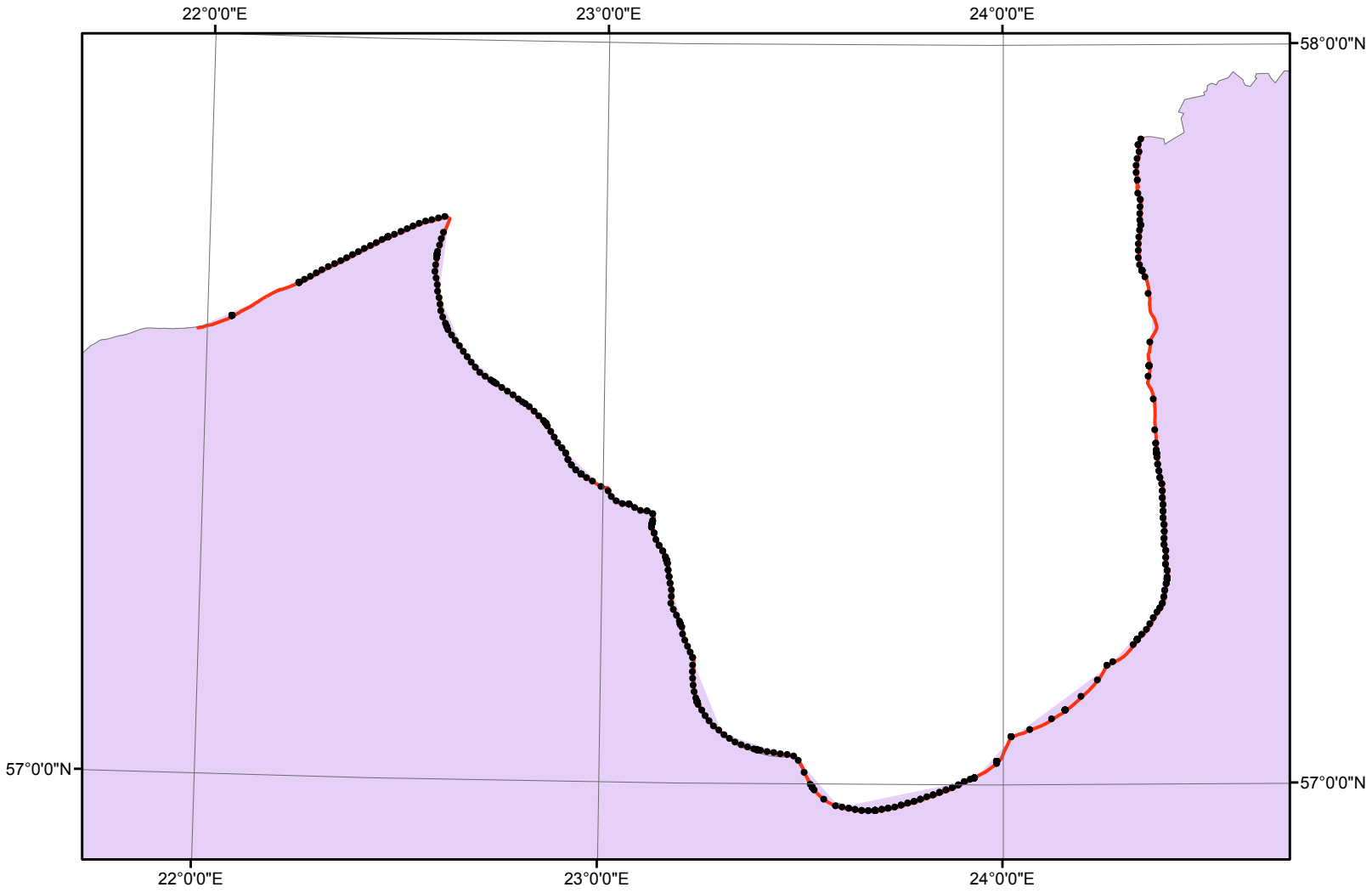
Previous datasets

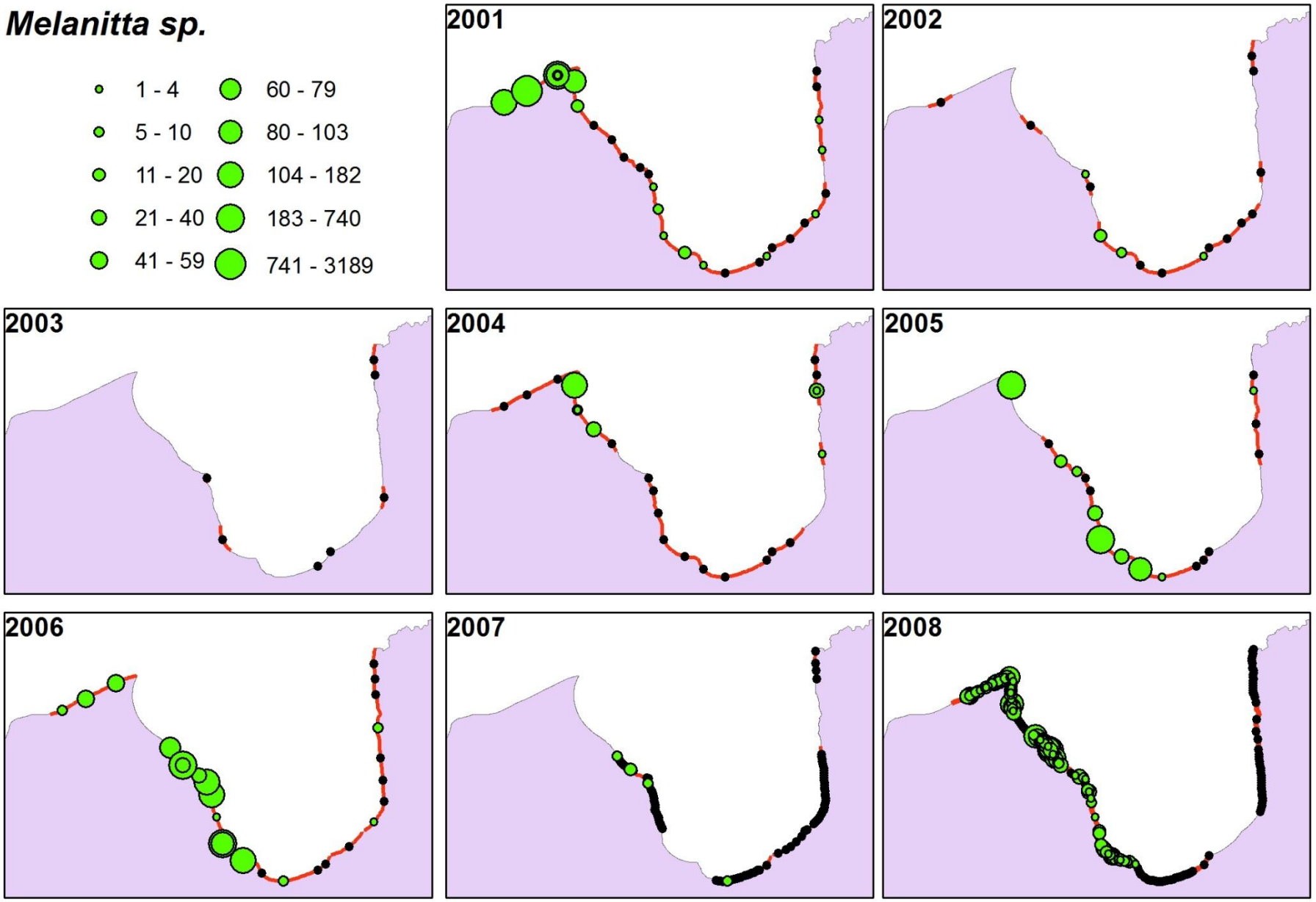
Dataset	Period	Area	Method
Mid-winter waterfowl counts	2001 - 2008 (1993 – 2011)	Gulf of Riga / Baltic sea	Coastal count by foot
Baltic MPA Bird database	2006 - 2008	Gulf of Riga / Baltic sea	Ship counts
Counts of moulting Goldeneyes	2004 - 2006	GoR: Engure – Mērsrags; Tūja - Ainaži	Coastal count by foot

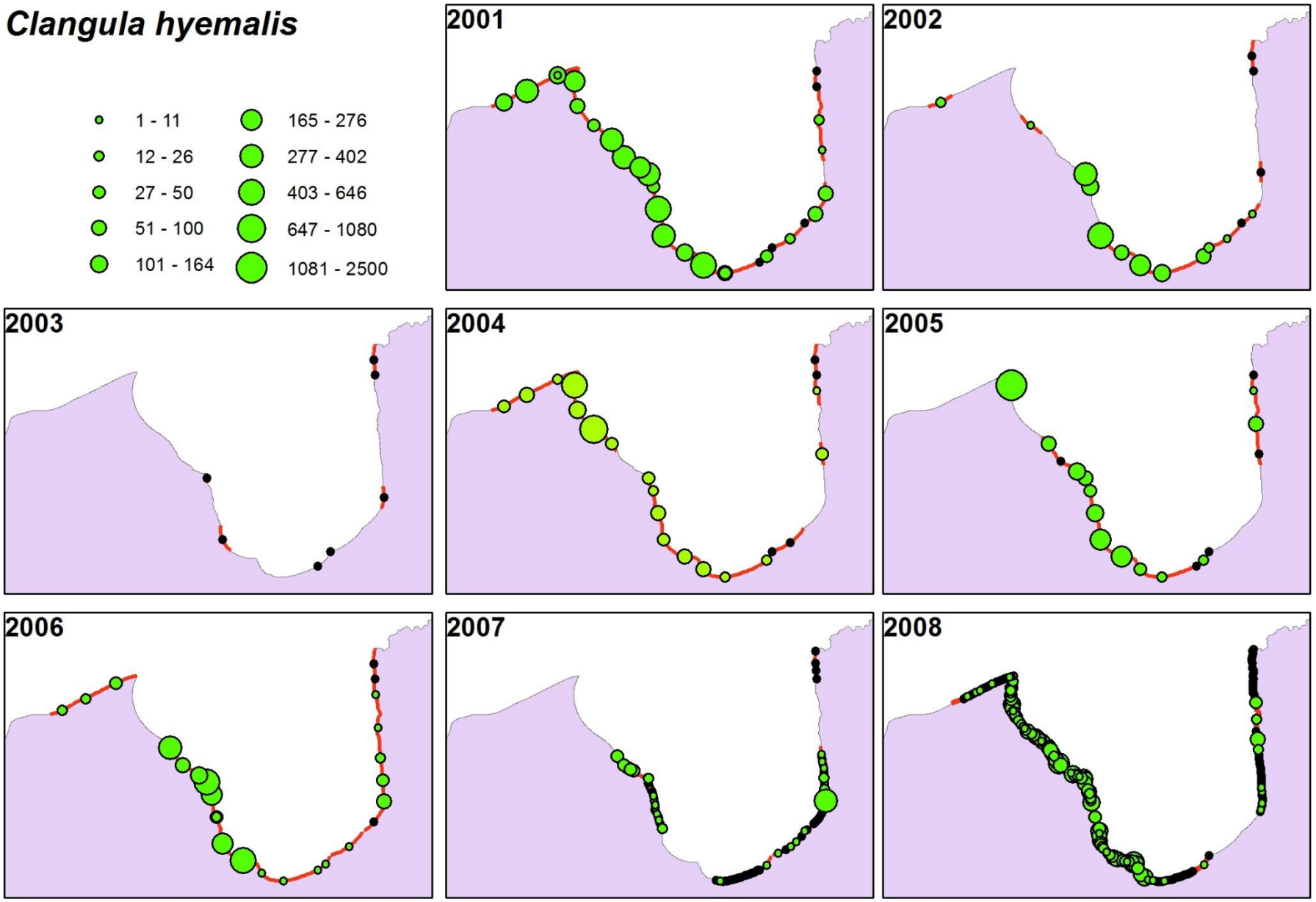
Data resolution 2001 - 2006

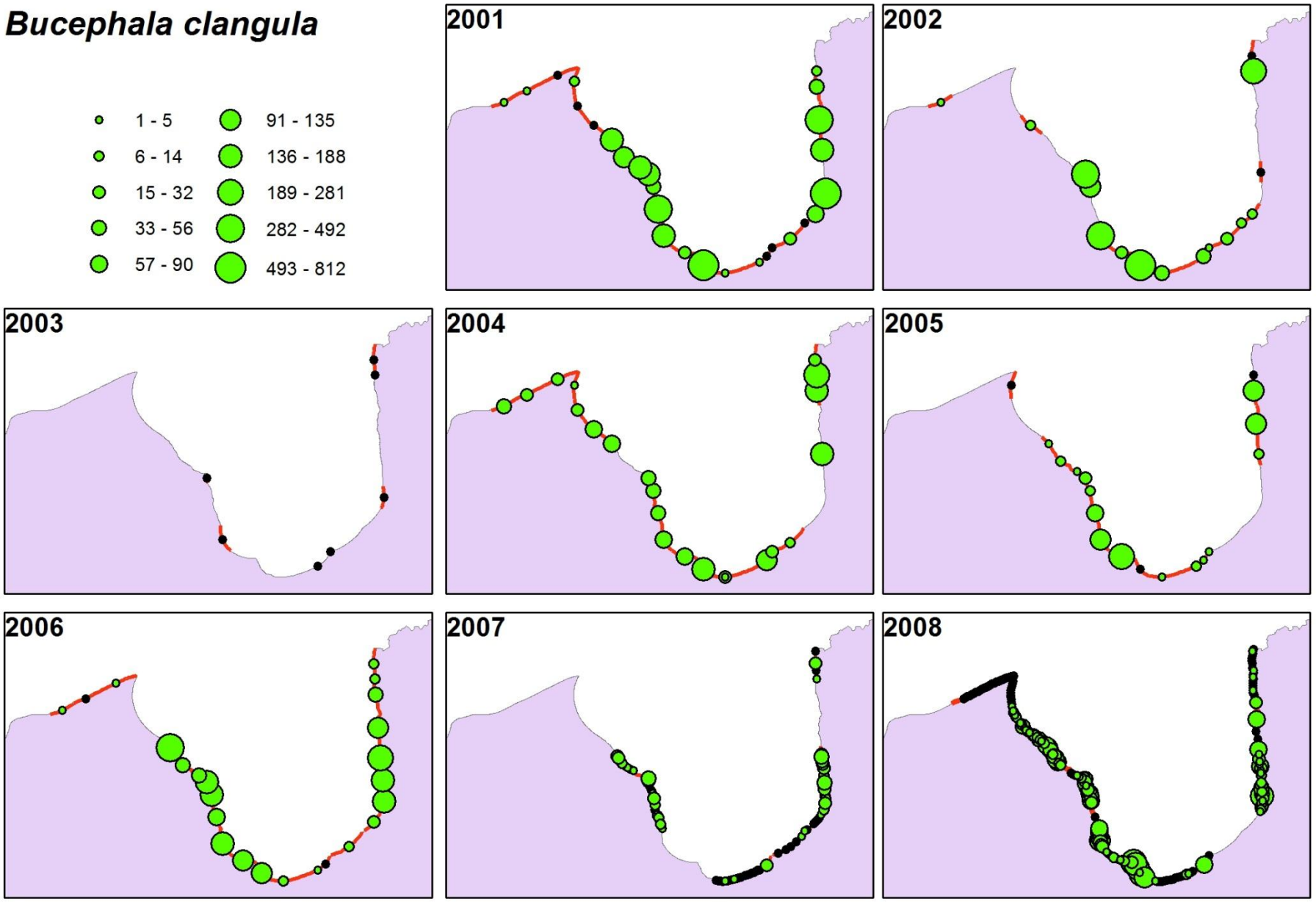


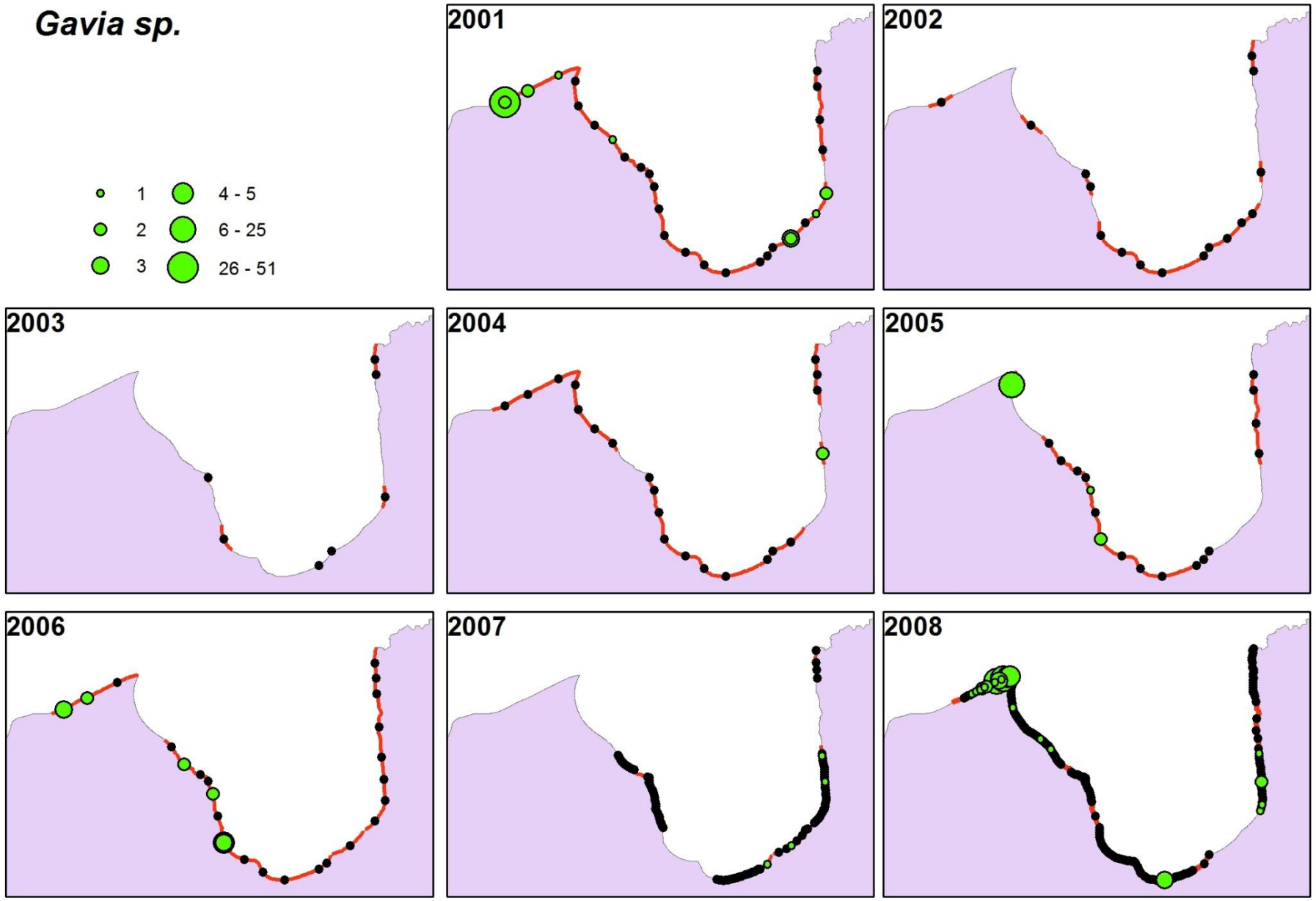
Data resolution 2007 - 2008

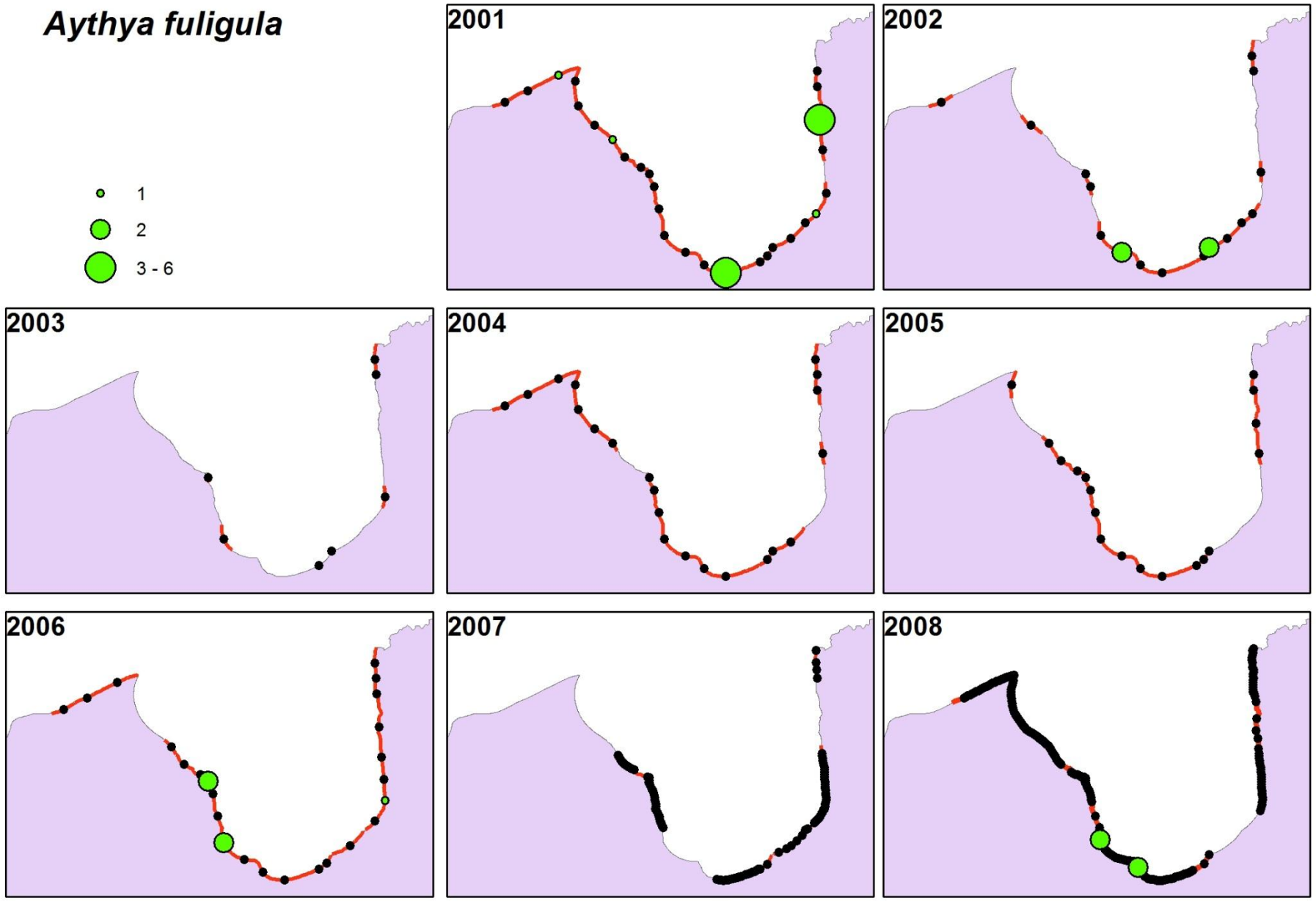



Melanitta sp.
1 - 4
5 - 10
11 - 20
21 - 40
41 - 59
60 - 79
80 - 103
104 - 182
183 - 740
741 - 3189
2001
2002
2003
2004
2005
2006
2007
2008

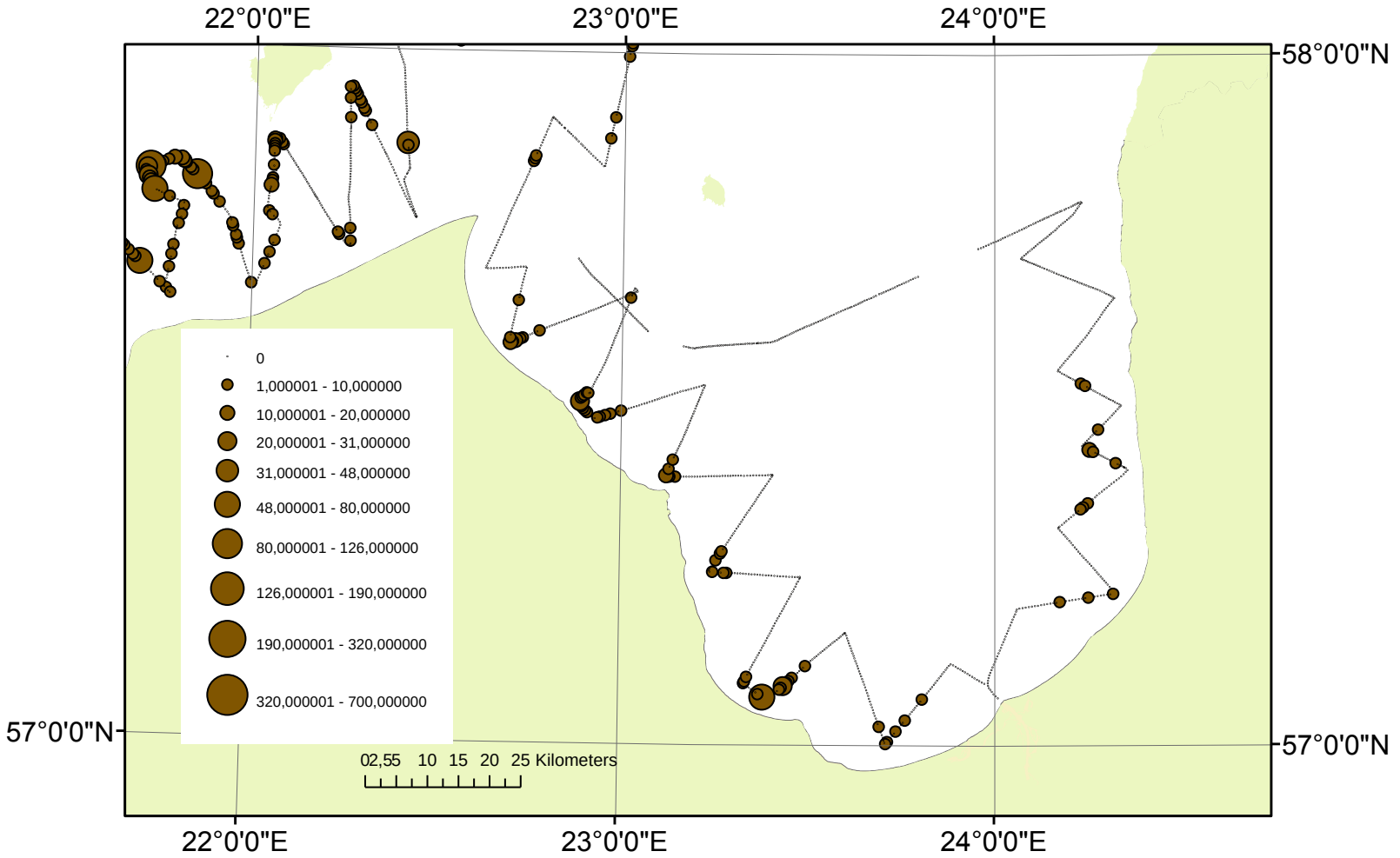

Clangula hyemalis
1 - 11
12 - 26
27 - 50
51 - 100
101 - 164
165 - 276
277 - 402
403 - 646
647 - 1080
1081 - 2500
2001
2002
2003
2004
2005
2006
2007
2008


Bucephala clangula
1 - 5
6 - 14
15 - 32
33 - 56
57 - 90
91 - 135
136 - 188
189 - 281
282 - 492
493 - 812
2001
2002
2003
2004
2005
2006
2007
2008

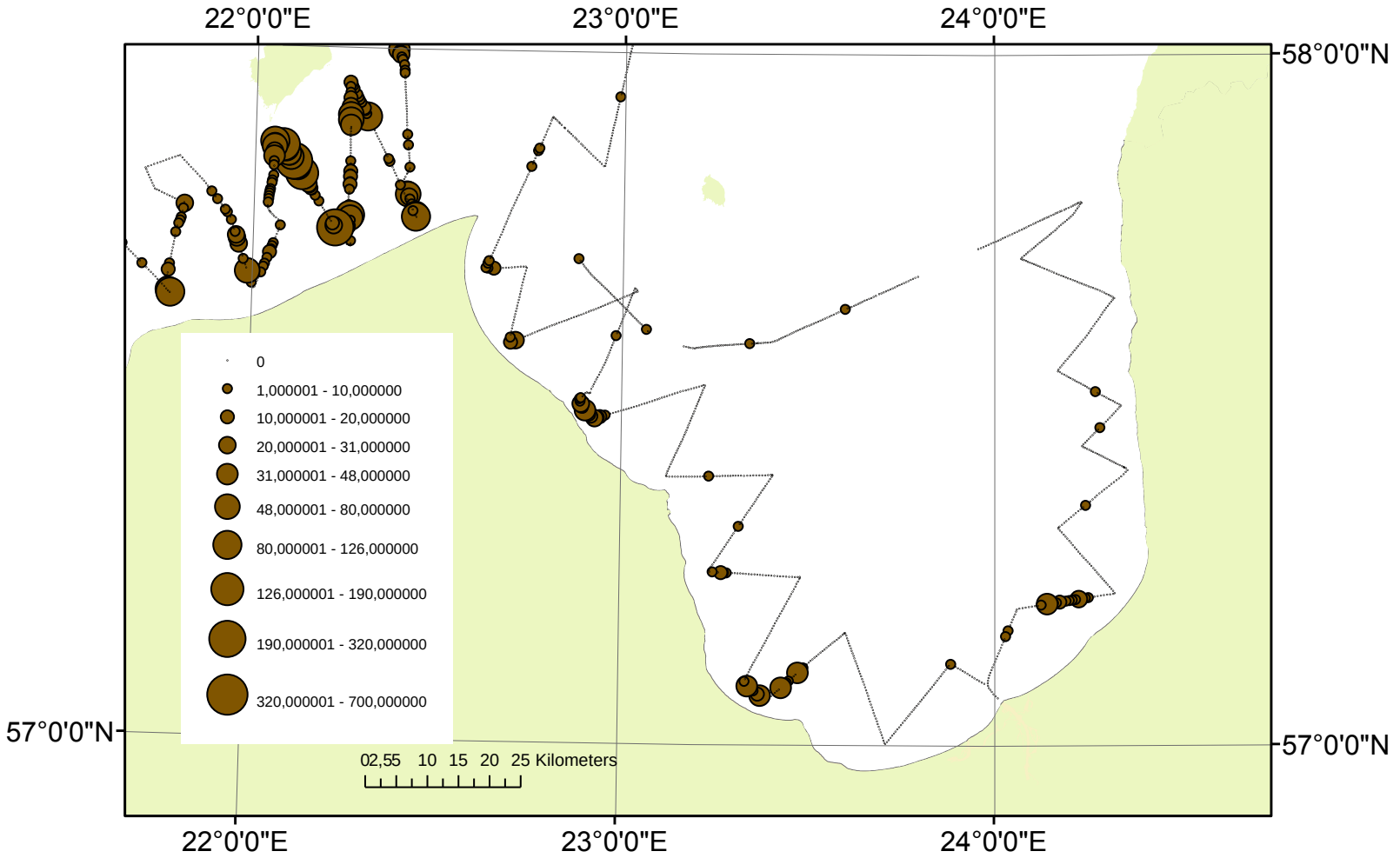

Gavia sp.
1
2
3
4 - 5
6 - 25
26 - 51
2001
2002
2003
2004
2005
2006
2007
2008


Aythya fuligula
1
2
3 - 6
2001
2002
2003
2004
2005
2006
2007
2008

Clangula hyemalis – Spring 2006



Melanitta fusca – Spring 2006

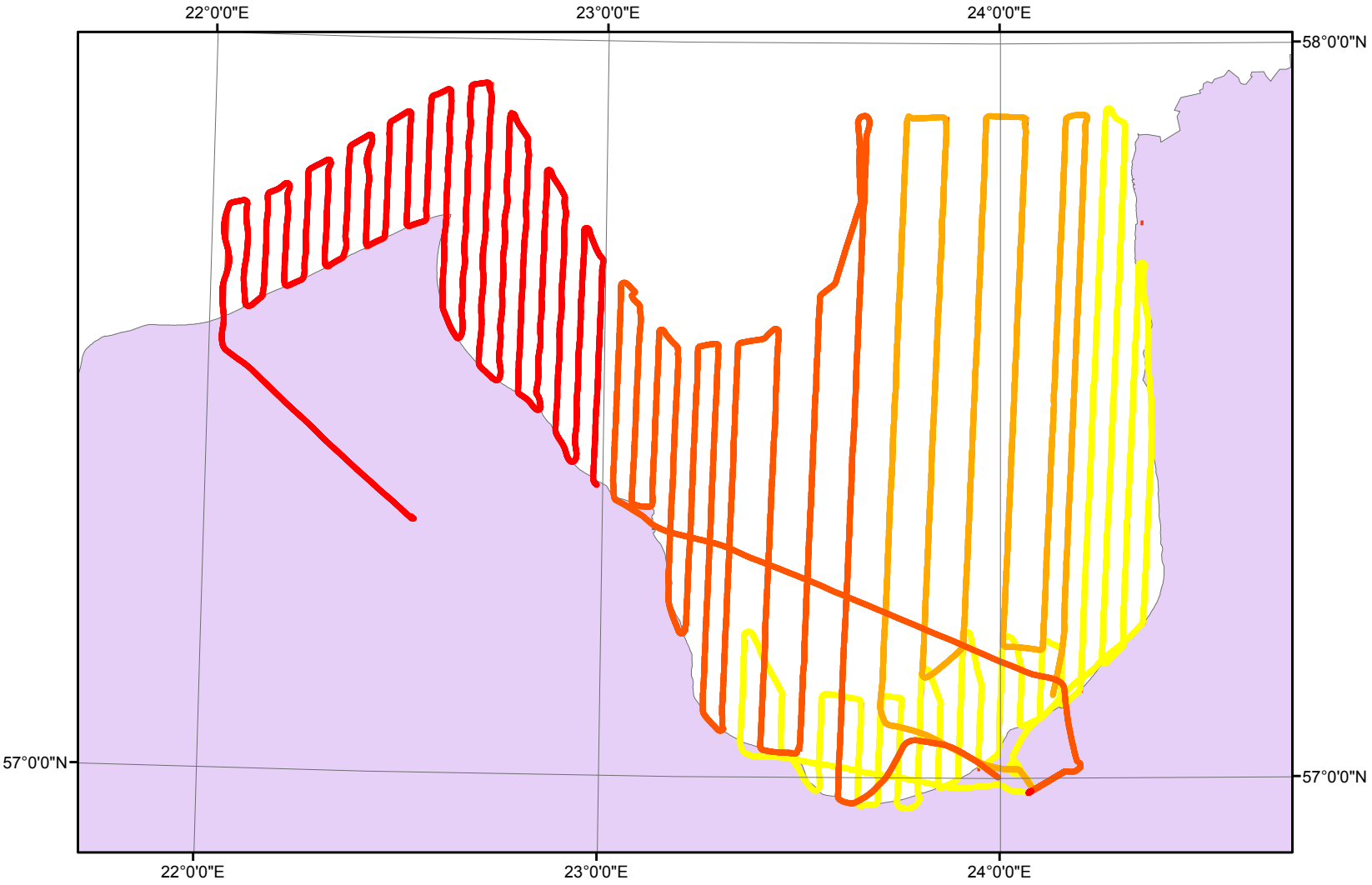


Fieldwork

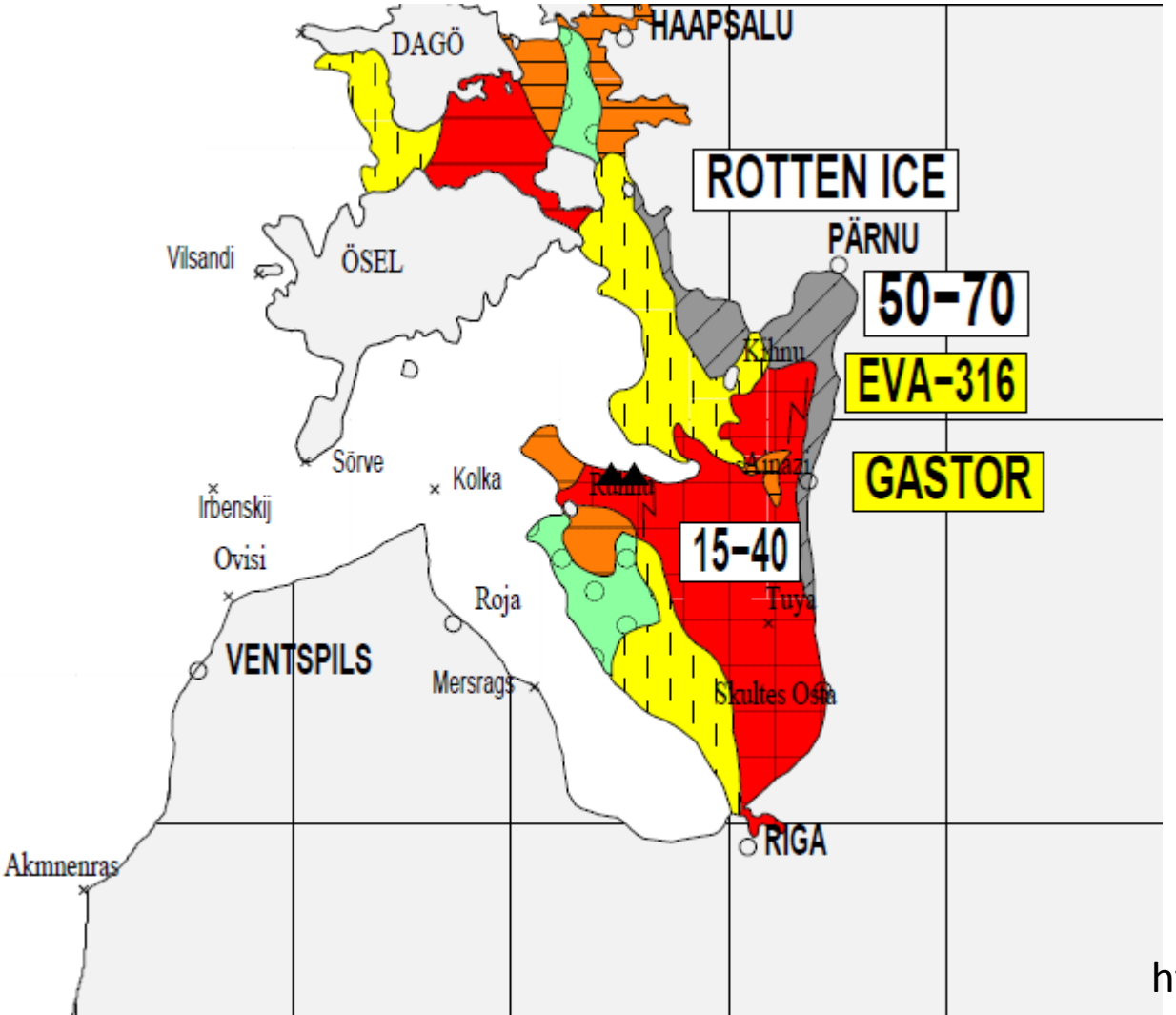
Fieldwork

Fieldwork

Flight tracks – 13 - 16 April 2011



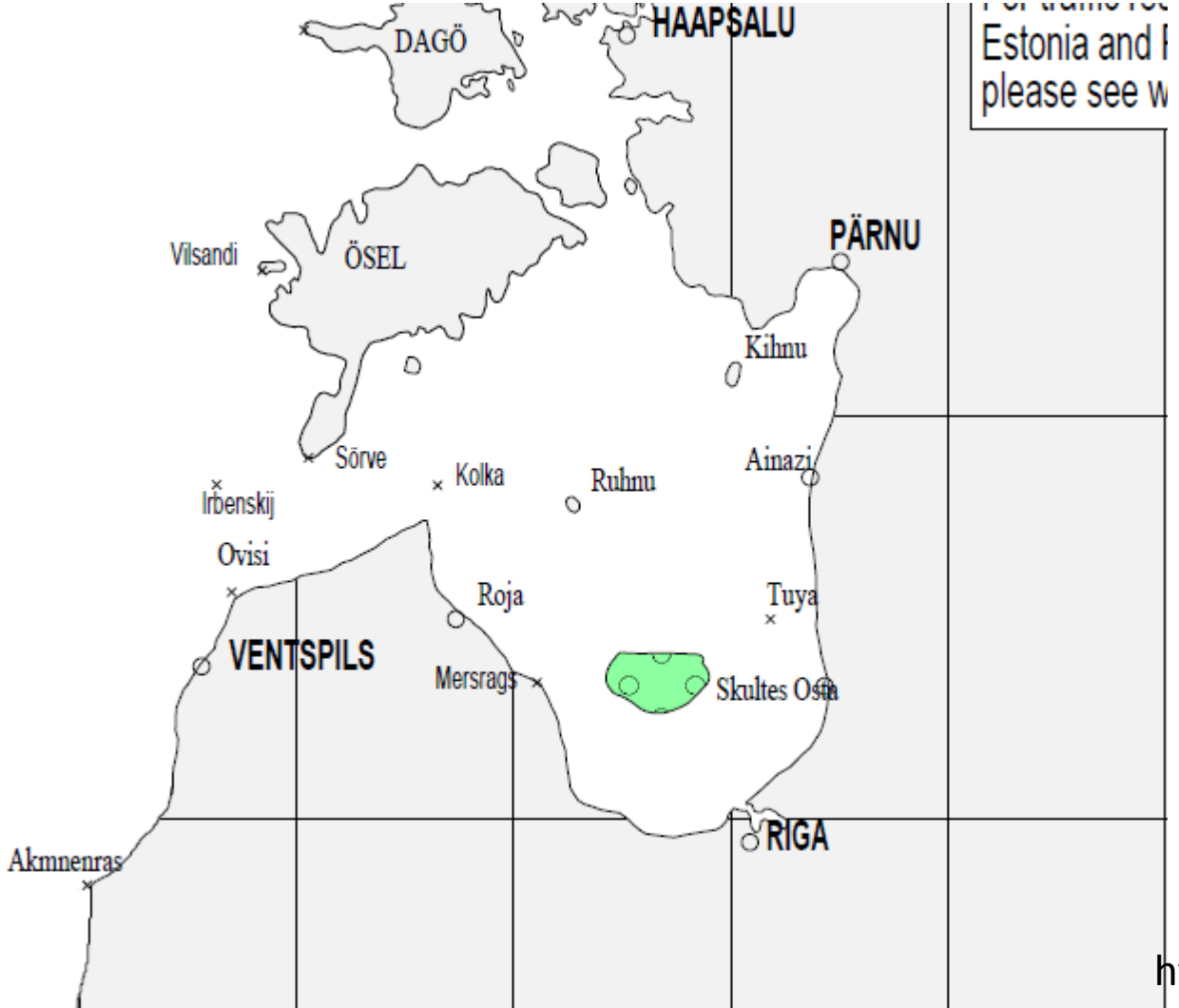
Ice situation on April 14, 2011



http://www.smhi.se/

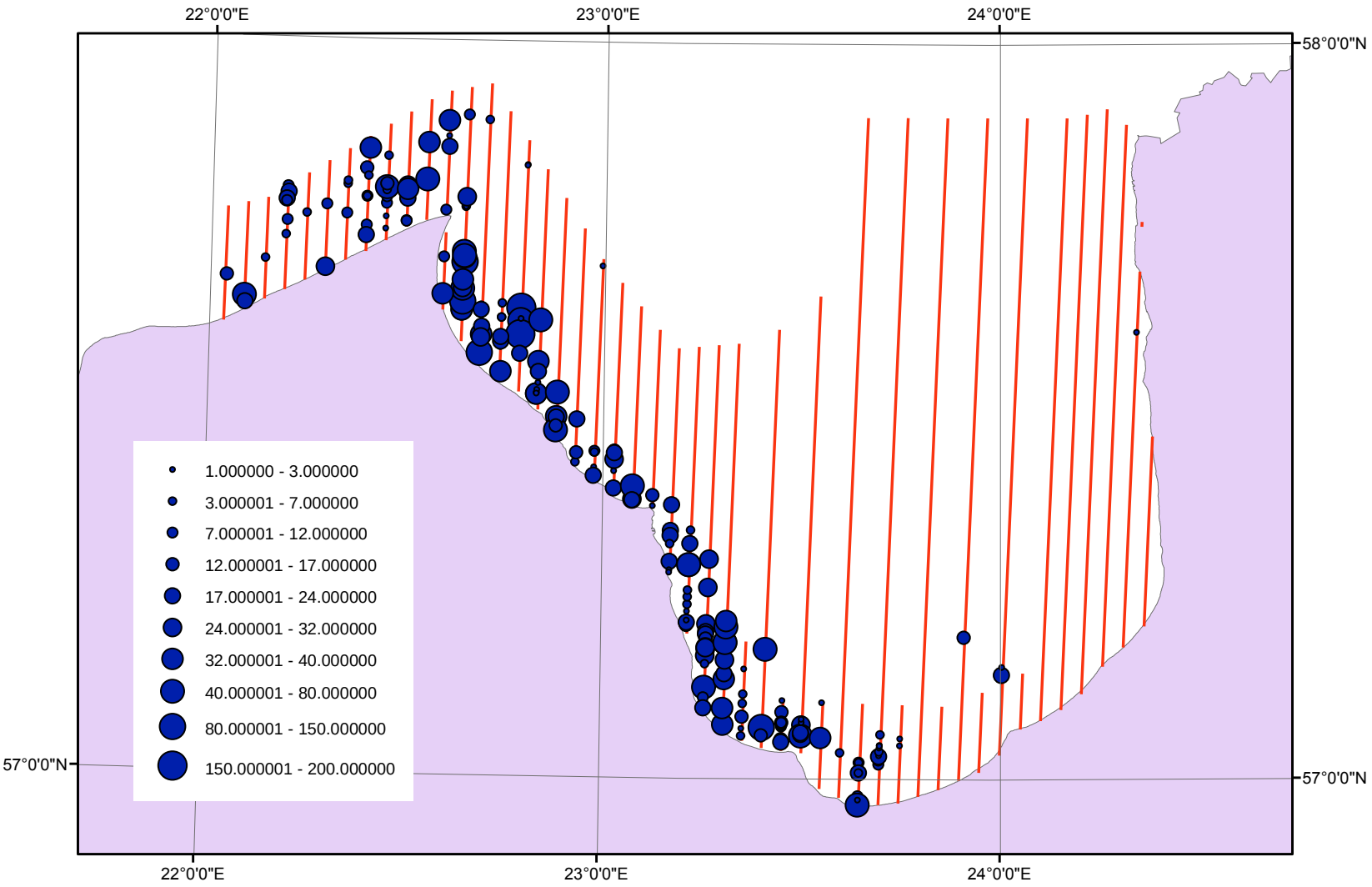
Flight tracks – 05 – 09 May 2011

Ice situation on May 06, 2011

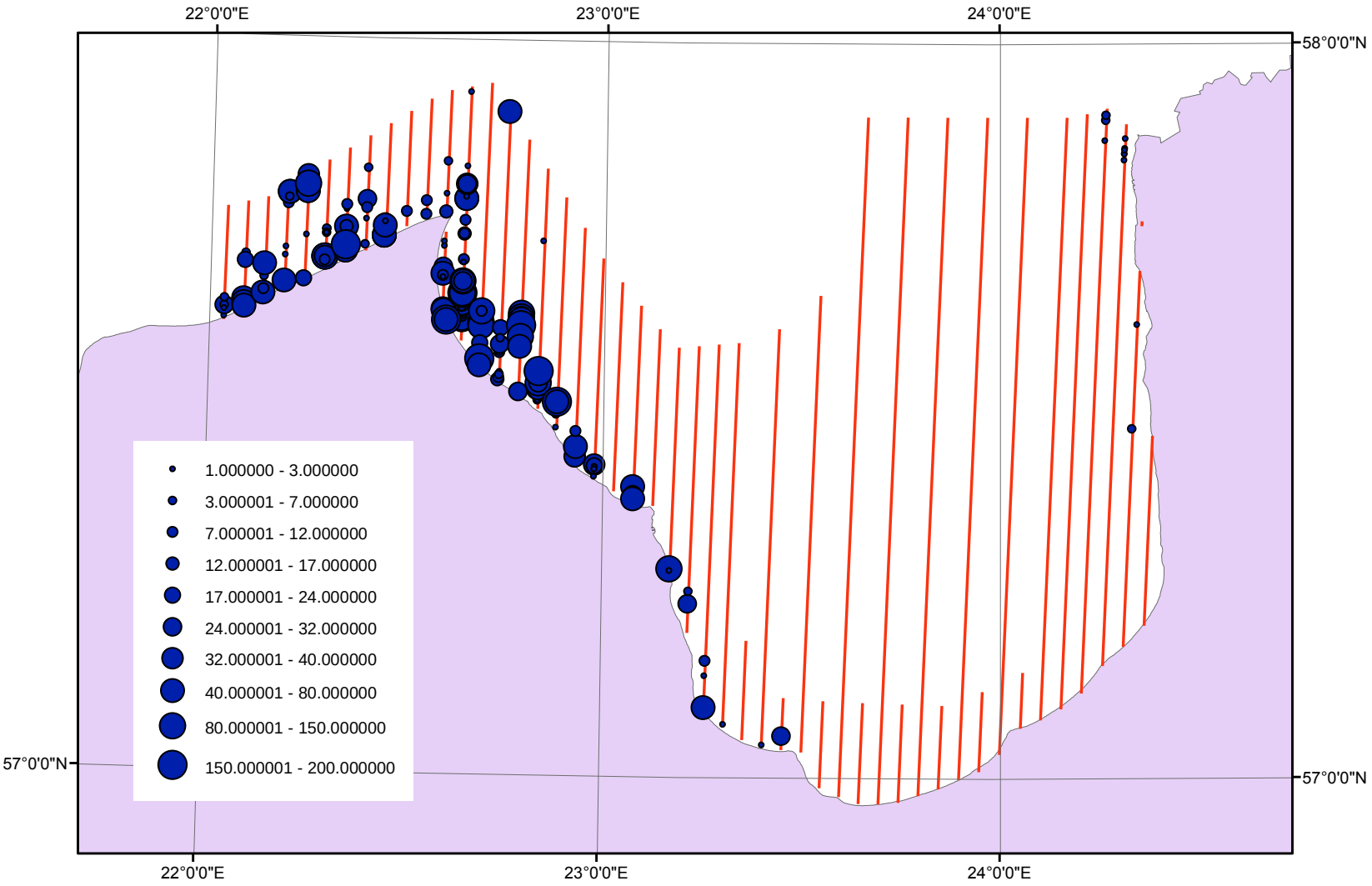


http://www.smhi.se/

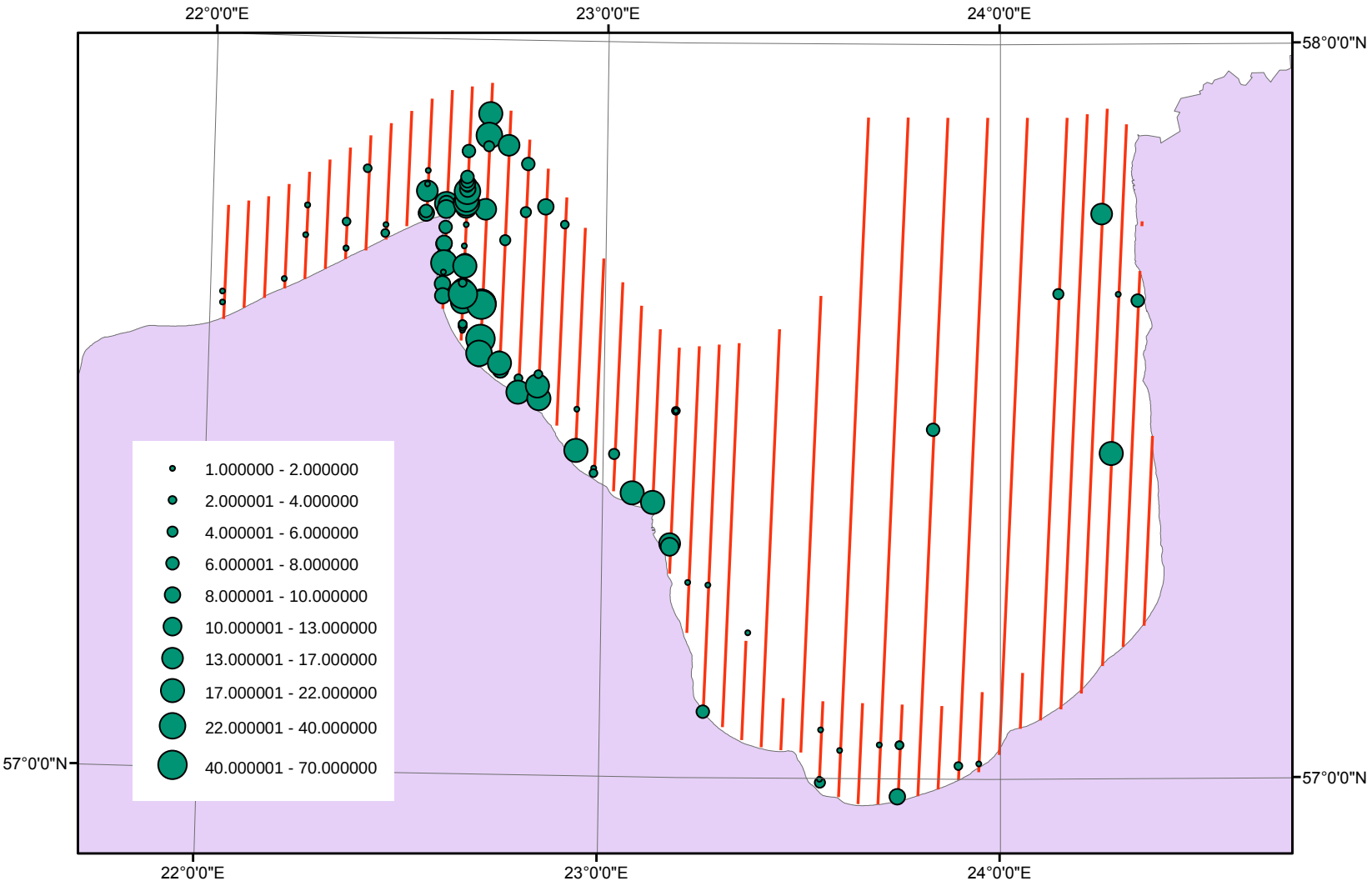
Melanitta sp. – April 2011



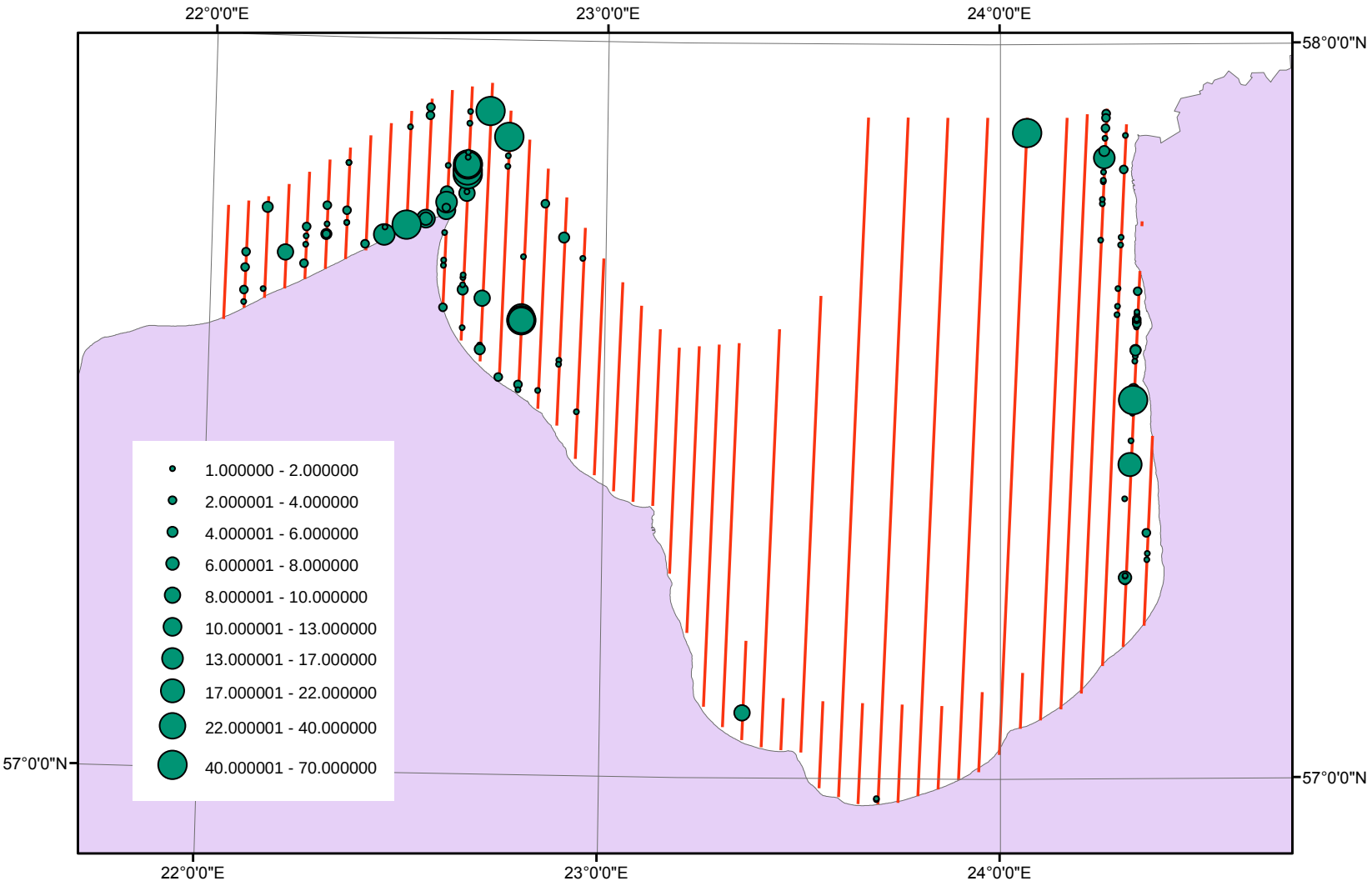
Melanitta sp. – May 2011



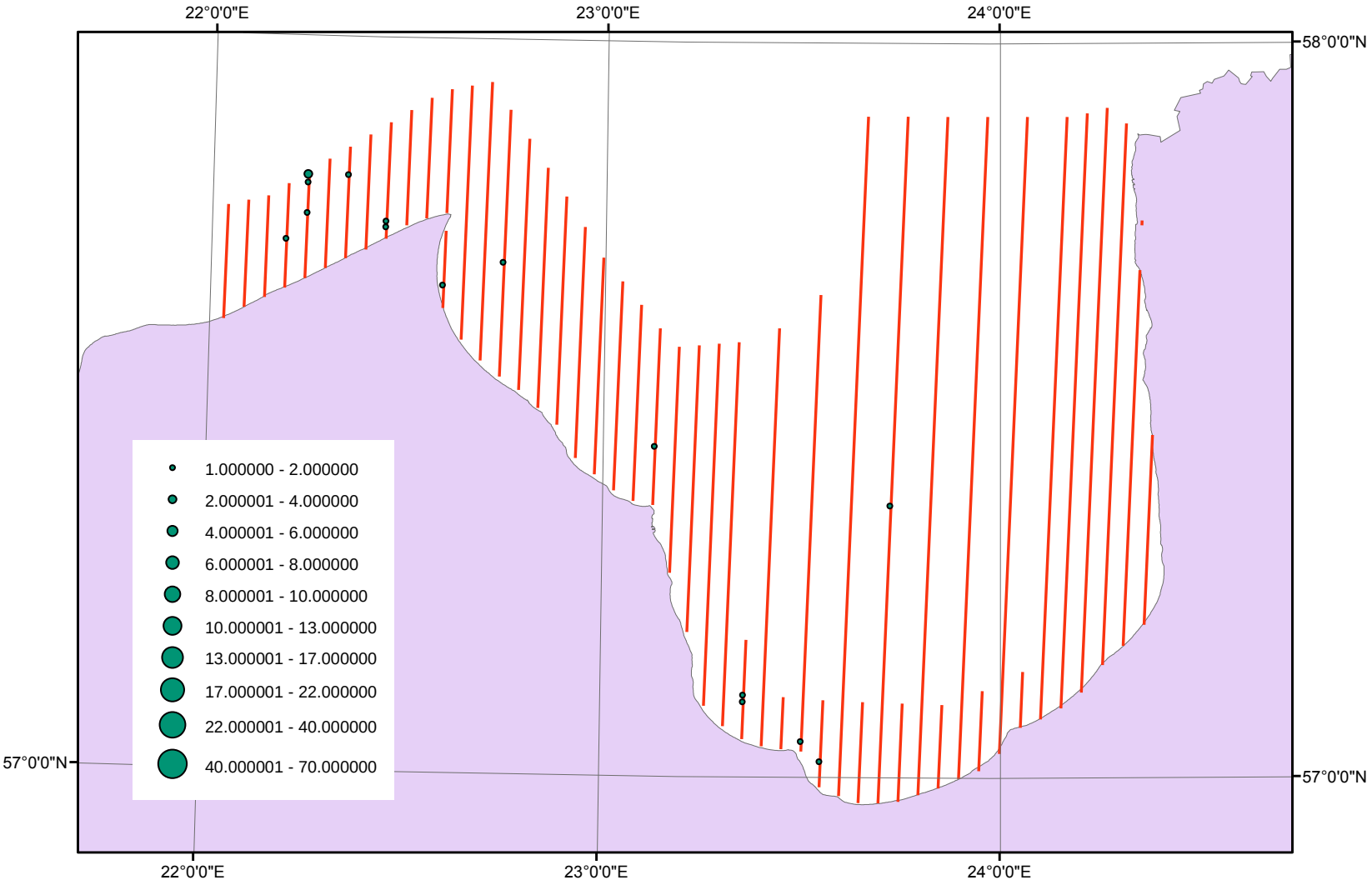
Clangula hyemalis – April 2011



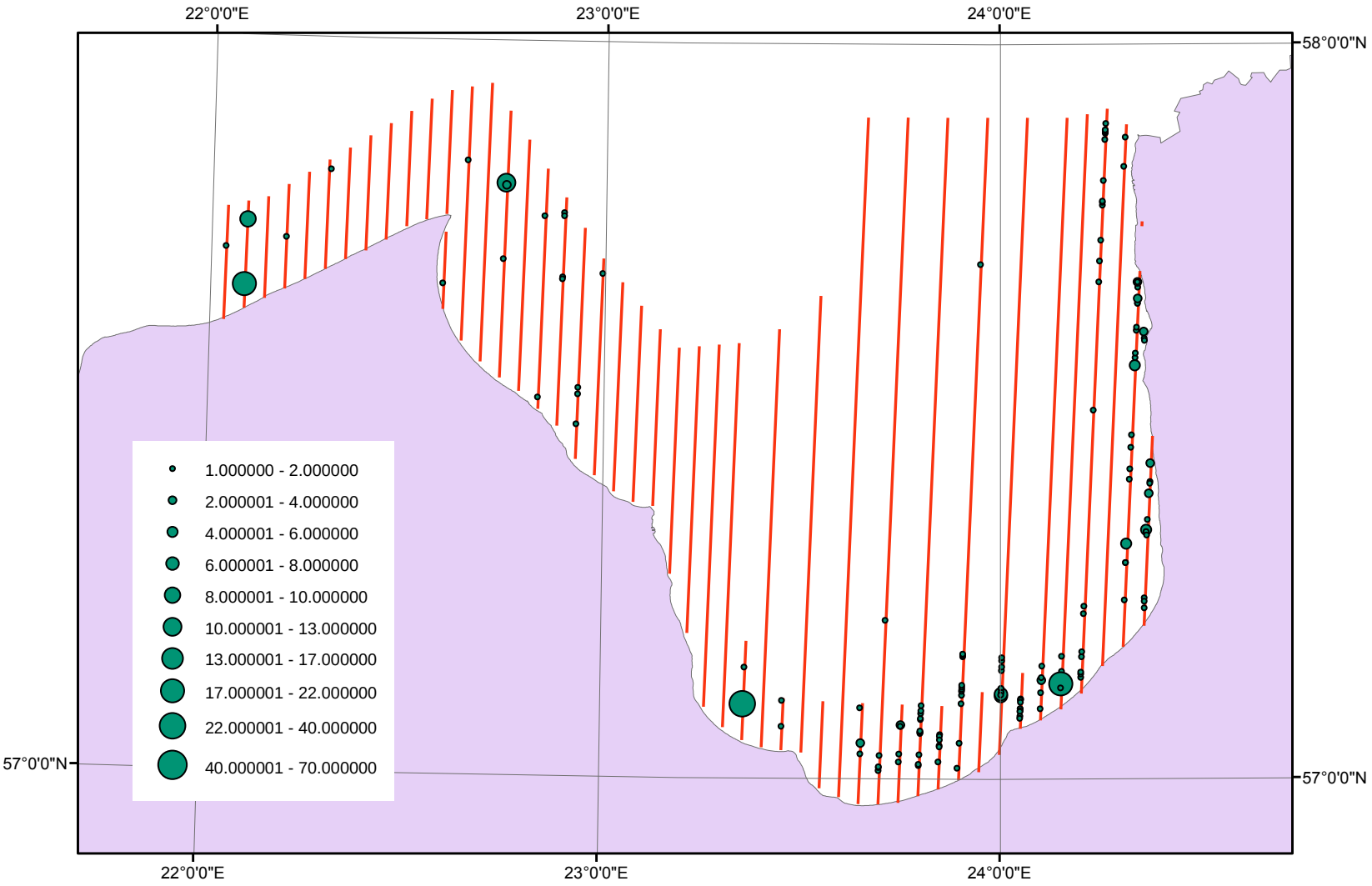
Clangula hyemalis – May 2011



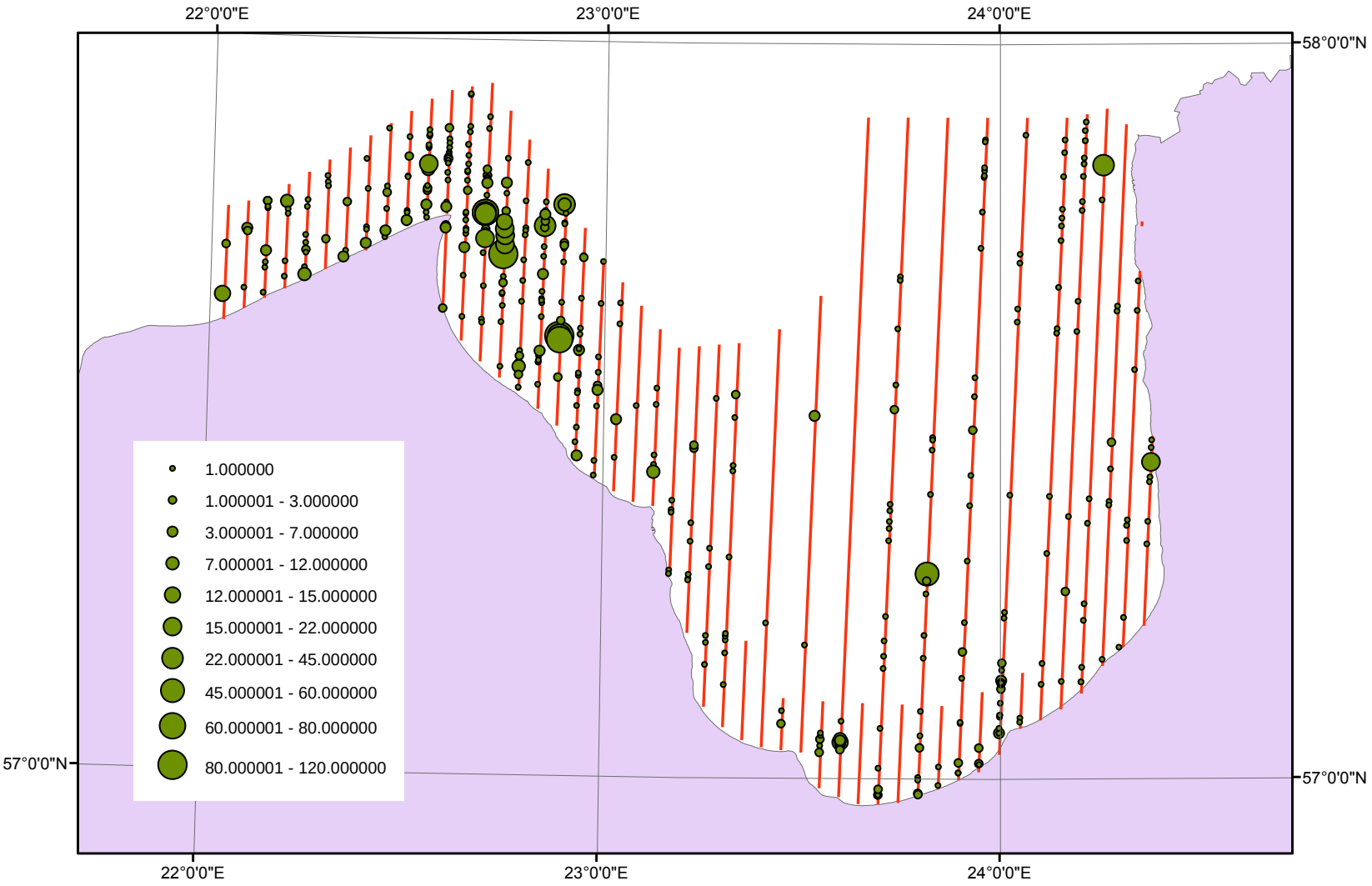
Gavia sp. – April 2011



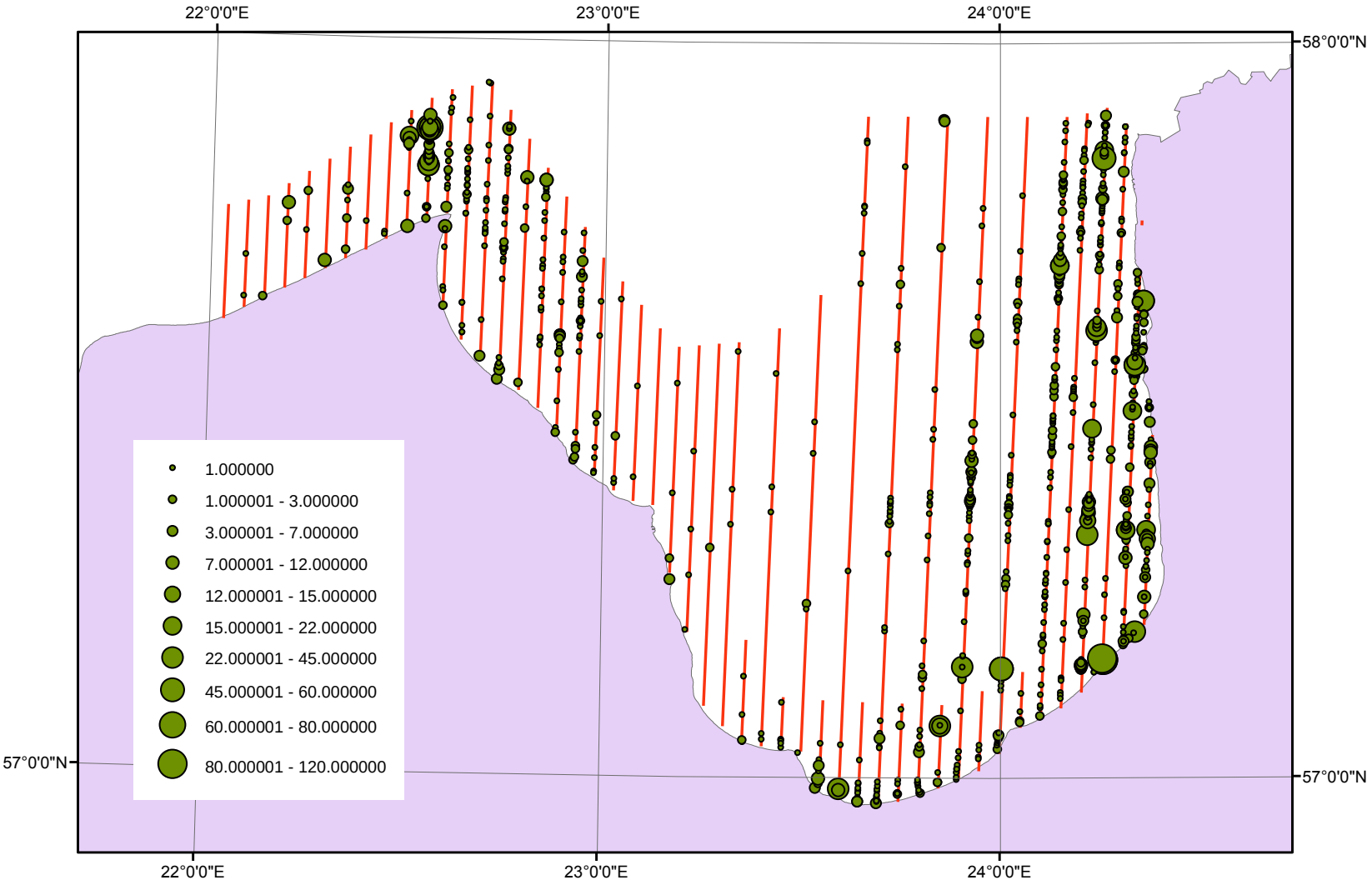
Gavia sp. – May 2011



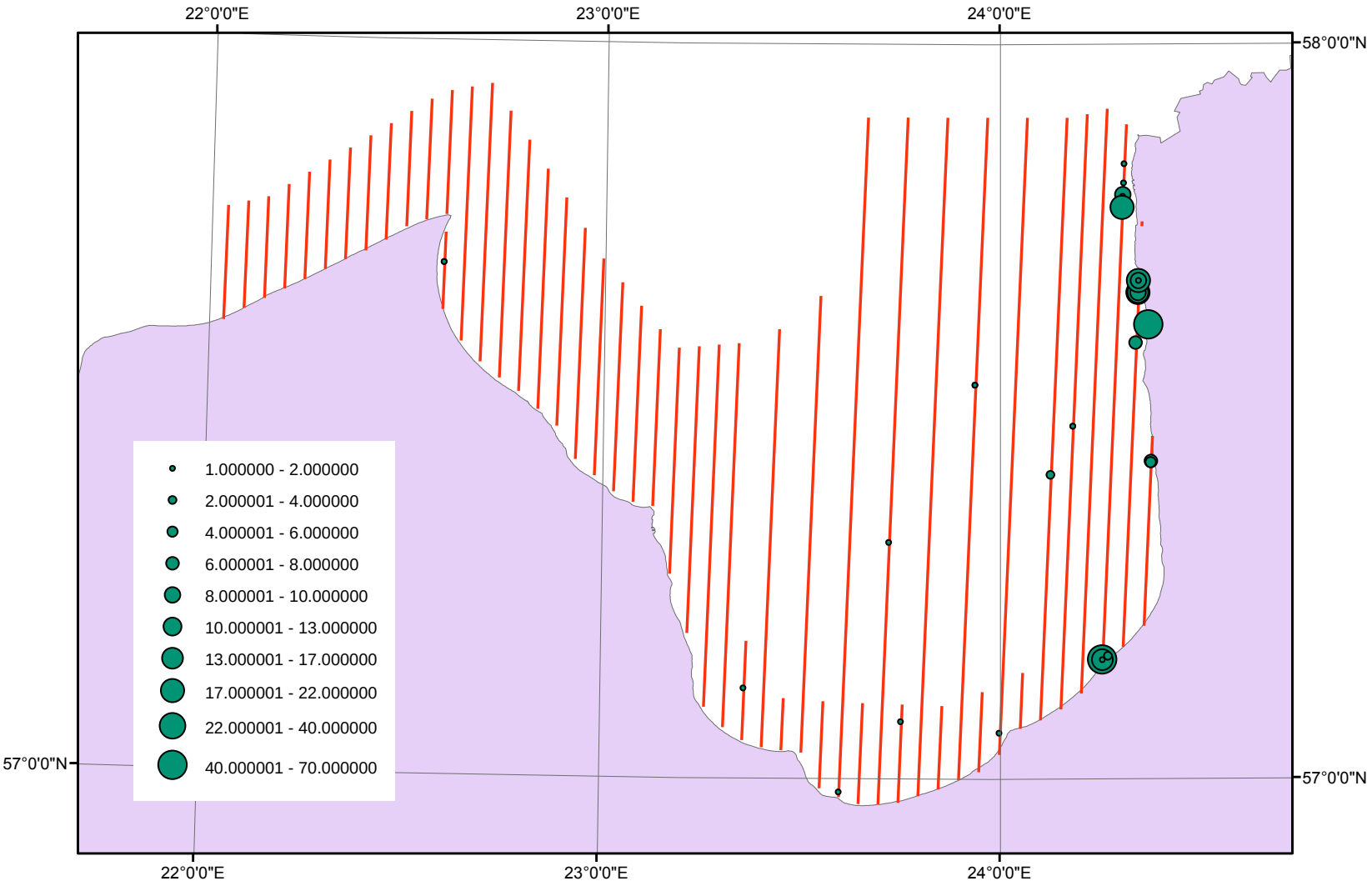
Larus sp. – April 2011



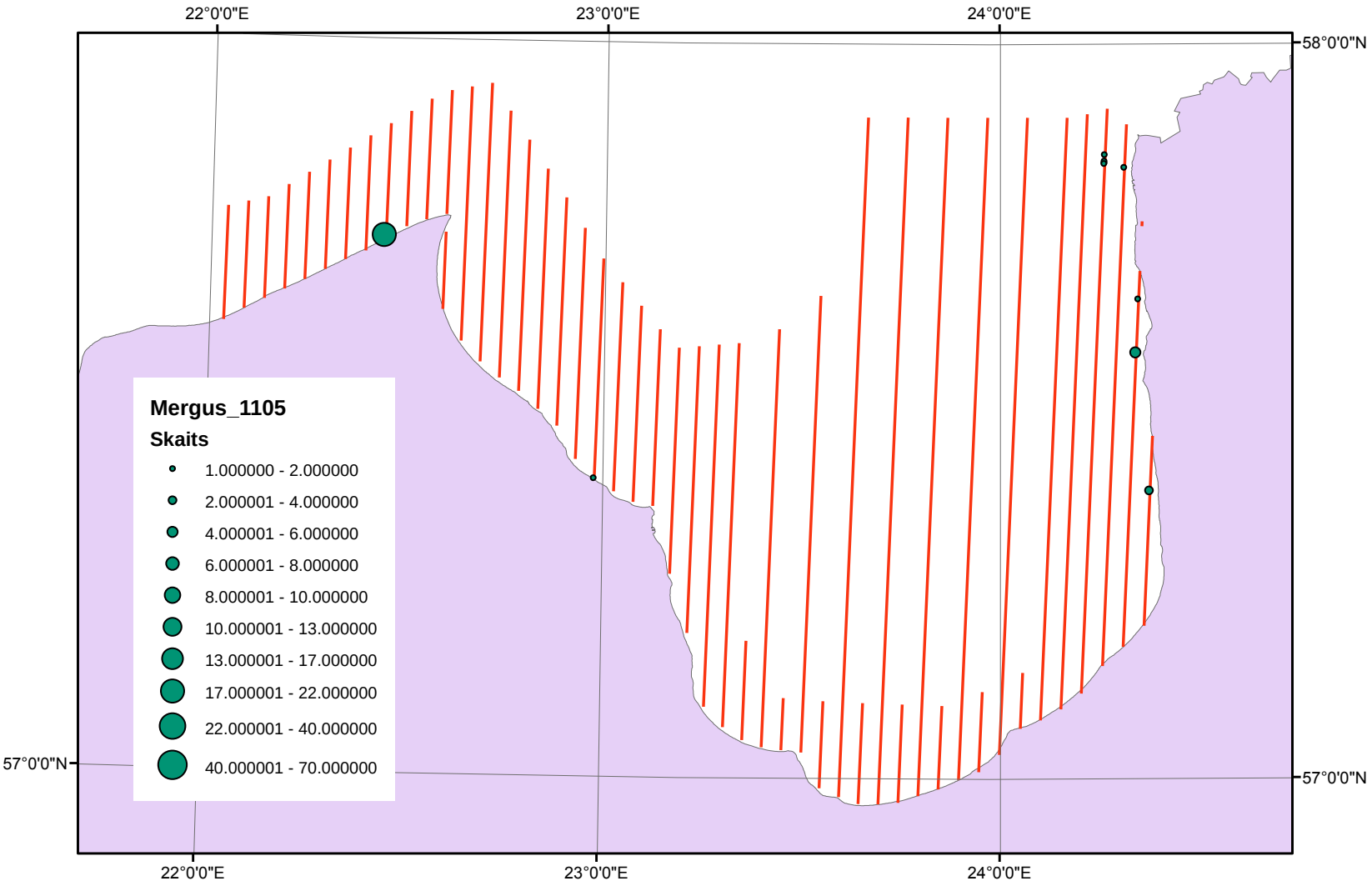
Larus sp. – May 2011



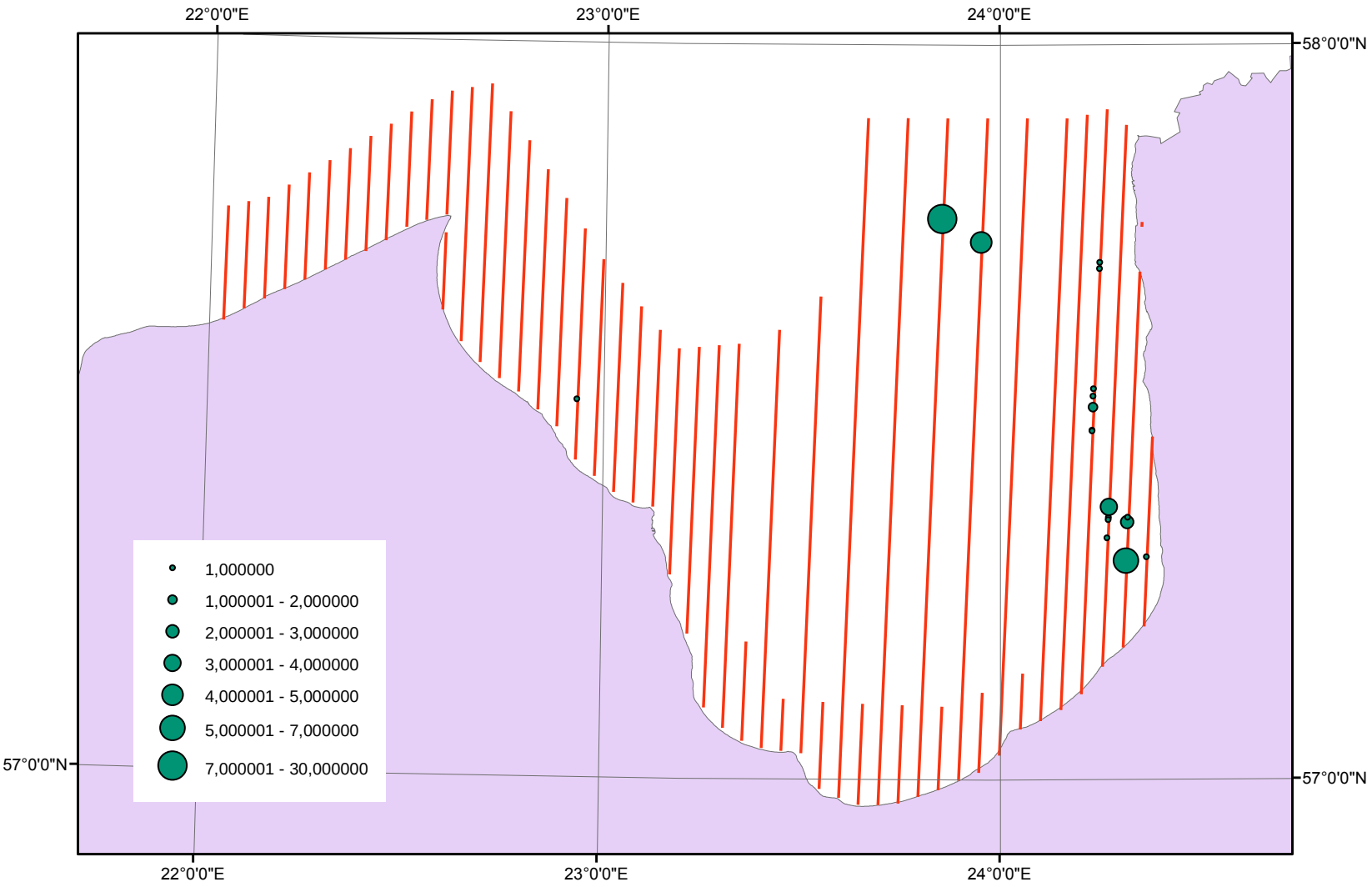
Mergus sp. – April 2011



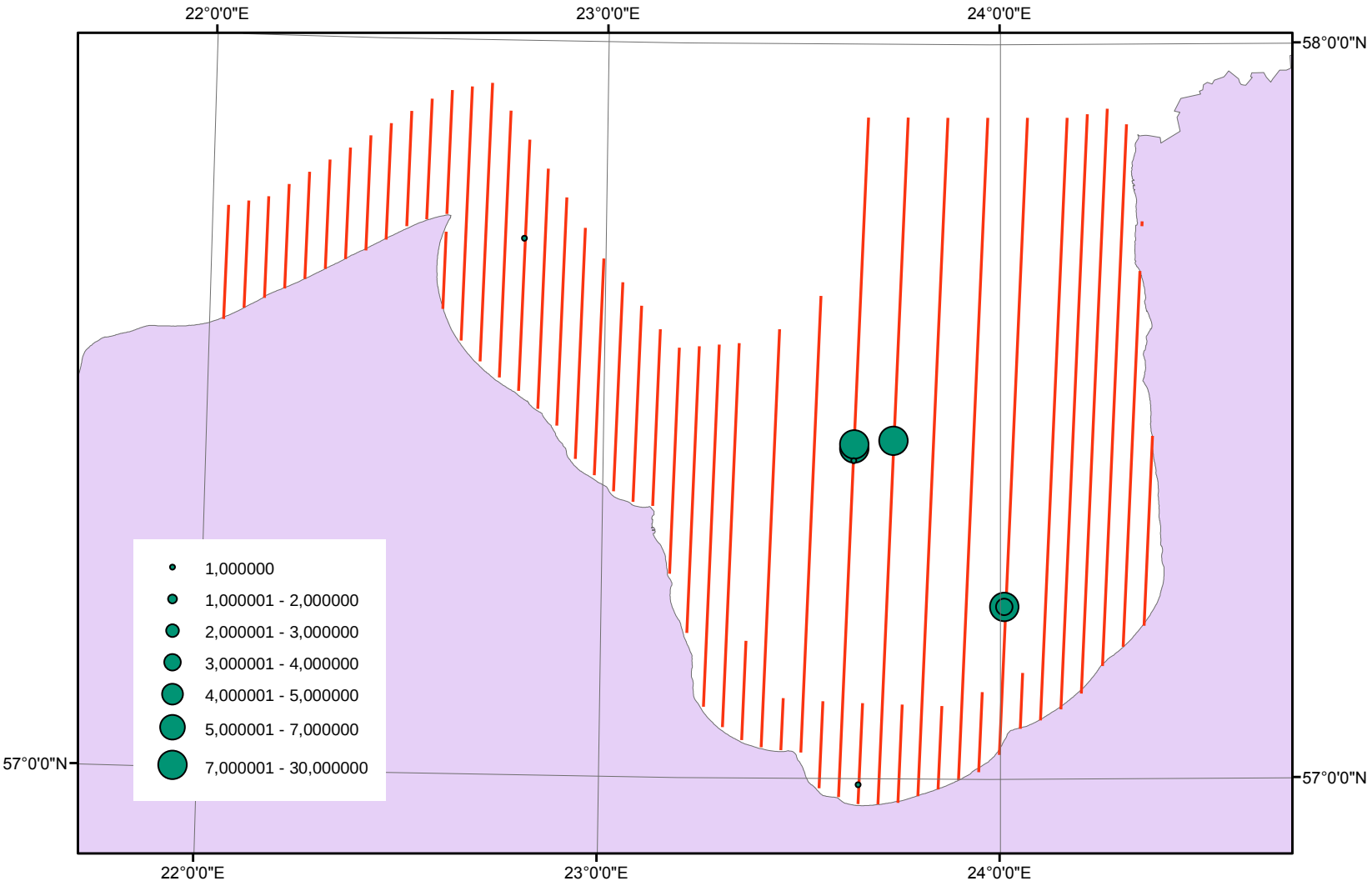
Mergus sp. – May 2011



Seals – April 2011

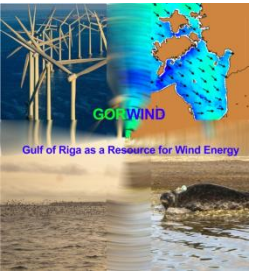


Seals – May 2011



Further work

- Finishing old data analyses (report together with EE)
- Joining LV and EE data
- Detectability modelling (distance effect)
- Density surface modelling
- Fieldwork (next session – July 2011)



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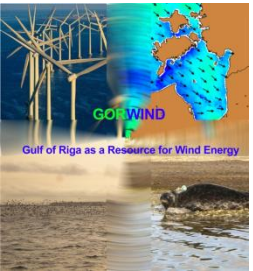

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