

Snow crab' workshop

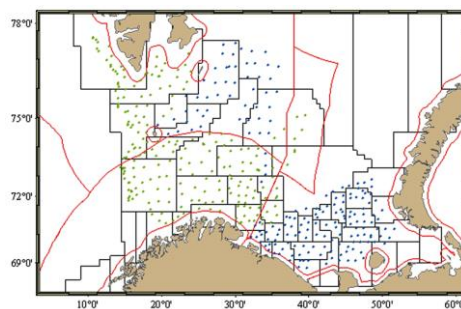
# Snow crab as prey for Barents Sea fish



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Tromsø, Norway, May 2015

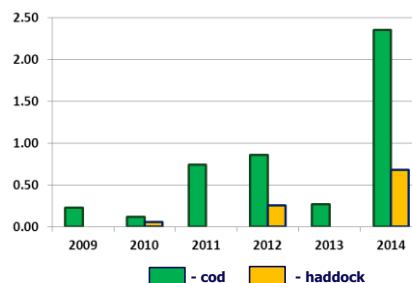
## Russian multispecies trawl – acoustic survey (bottom trawl, Oct – Dec)



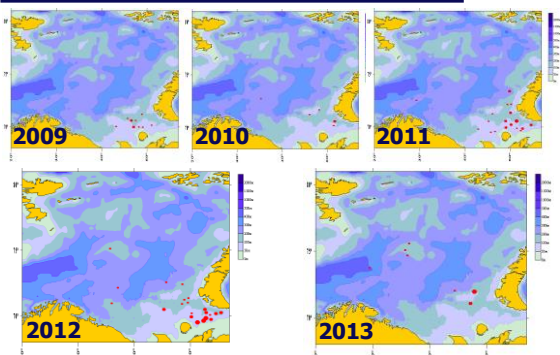
## Predatory fish upon the snow crab in the Barents Sea

- Cod (*Gadus morhua*) since 2009;
- Haddock (*Melanogrammus aeglefinus*) since 2010;
- Long rough dab (*Hippoglossoides platessoides*) since 2014;
- Thorny skate (*Amblyraja radiata*) since 2014

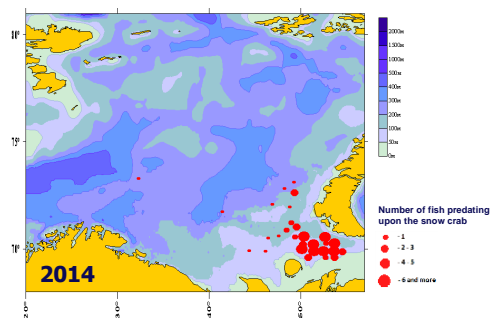
## Portion of analyzed cod and haddock that consumed snow crab in 2009 – 2014, %



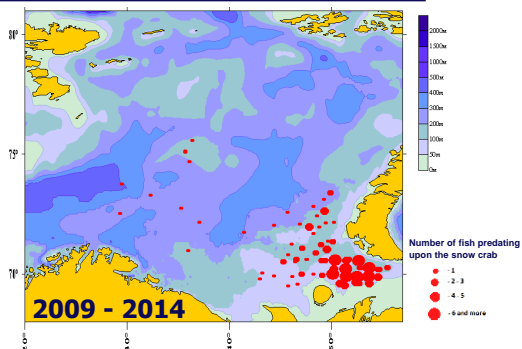
## Distribution of cod that consumed the snow crab in 2009-2013



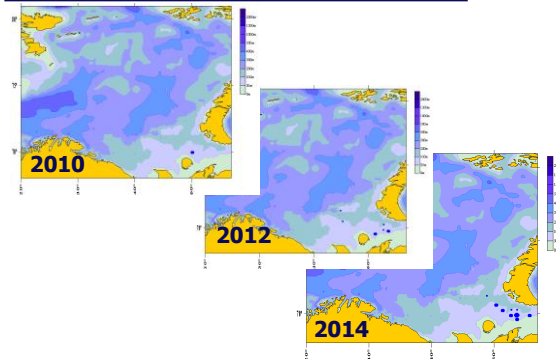
## Distribution of cod that consumed the snow crab in 2014



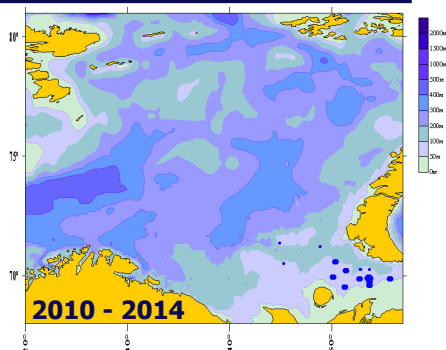
**Distribution of cod that consumed the snow crab in 2009 - 2014**



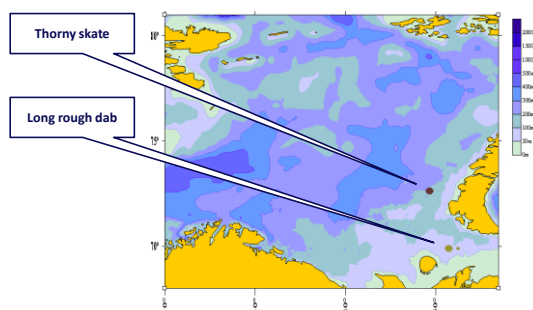
**Distribution of haddock that consumed the snow crab in 2010-2014**



**Distribution of haddock that consumed the snow crab in 2010 - 2014**



**Distribution of fish that consumed the snow crab in 2014**



**Something to add...**

**Max total weight of snow crabs in cod's stomach - about 1000 g (cod L=116 cm);**

**Average portion of snow crab in cod stomachs – 70% (about 200 g);**

**Average portion of snow crab in haddock stomachs – 17% (about 4 g);**

**Fish-predators consume preferably females and small-sized snow crabs**



M. Escher