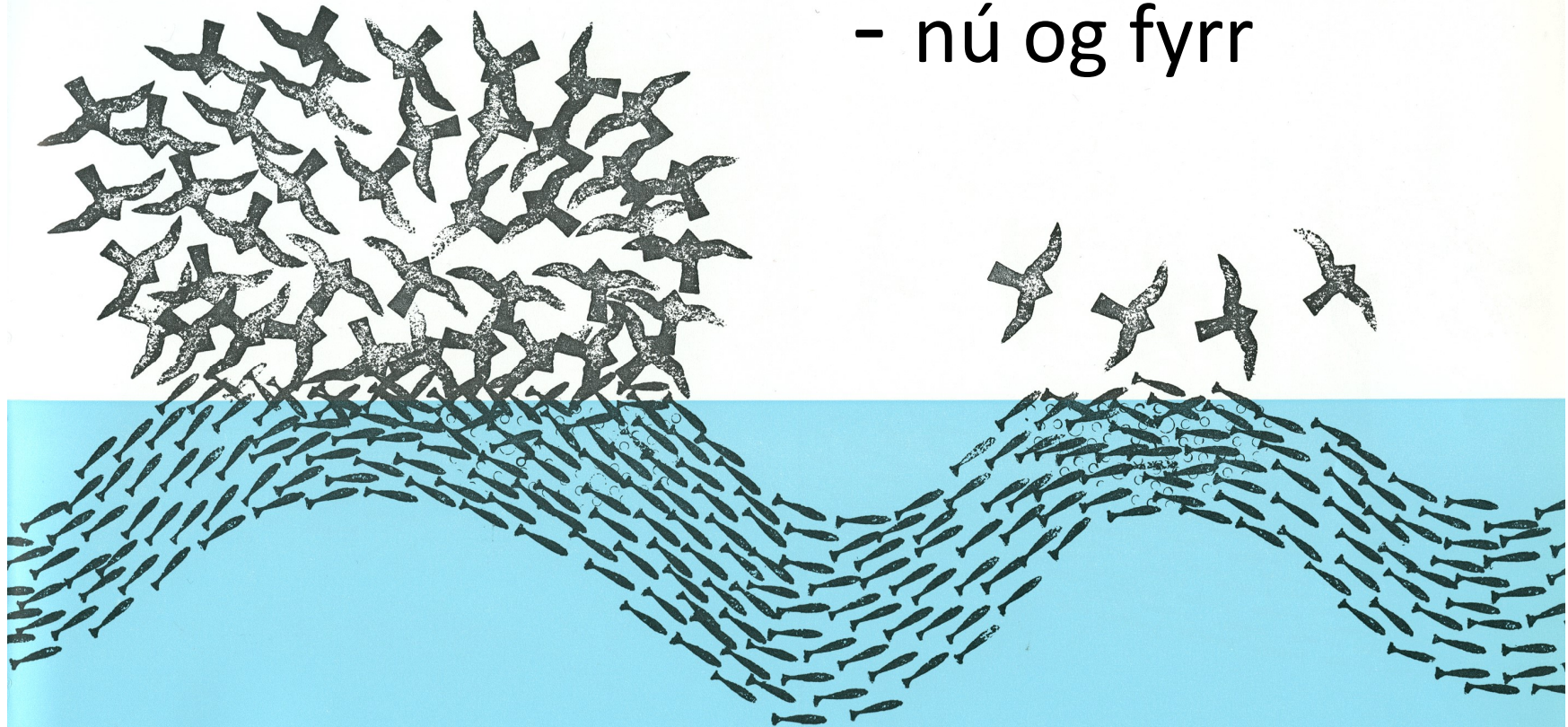




Vísinda *vøka*
– á ferð

Norðhavssildin

- nú og fyrr



Eydna í Homrum



HAVSTOVAN
FAROE MARINE RESEARCH INSTITUTE

Mynd: Jørgen M. Olsen 1982

Evni

- Sild og sildakanningar
 - Sildastovnar
 - Vísindaligar kanningar
 - Stovnsmeting
- Ferðingarmynstrið hjá norðhavssild fyrr og nú
 - Og hví hvarv norðhavssildin síðst í 1960unum?

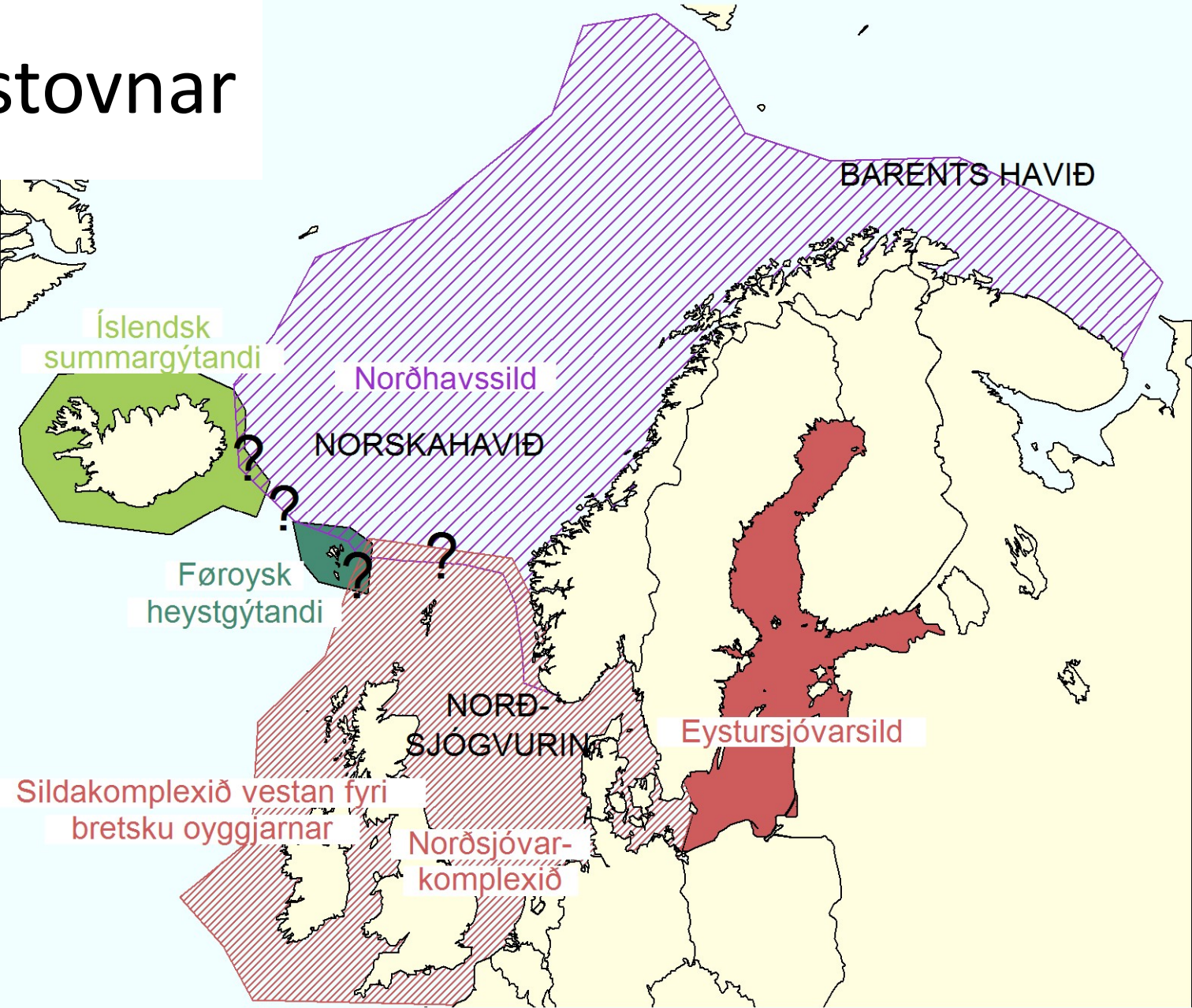
Sild (*Clupea harengus*)



- Uppsjóvarfiskur
 - Livir fyrst og fremst uppi í sjónum
 - Kann ferðast víða
 - Høvuðsføðin er reyðæti, men eisini krill og fisk



Sildastovnar

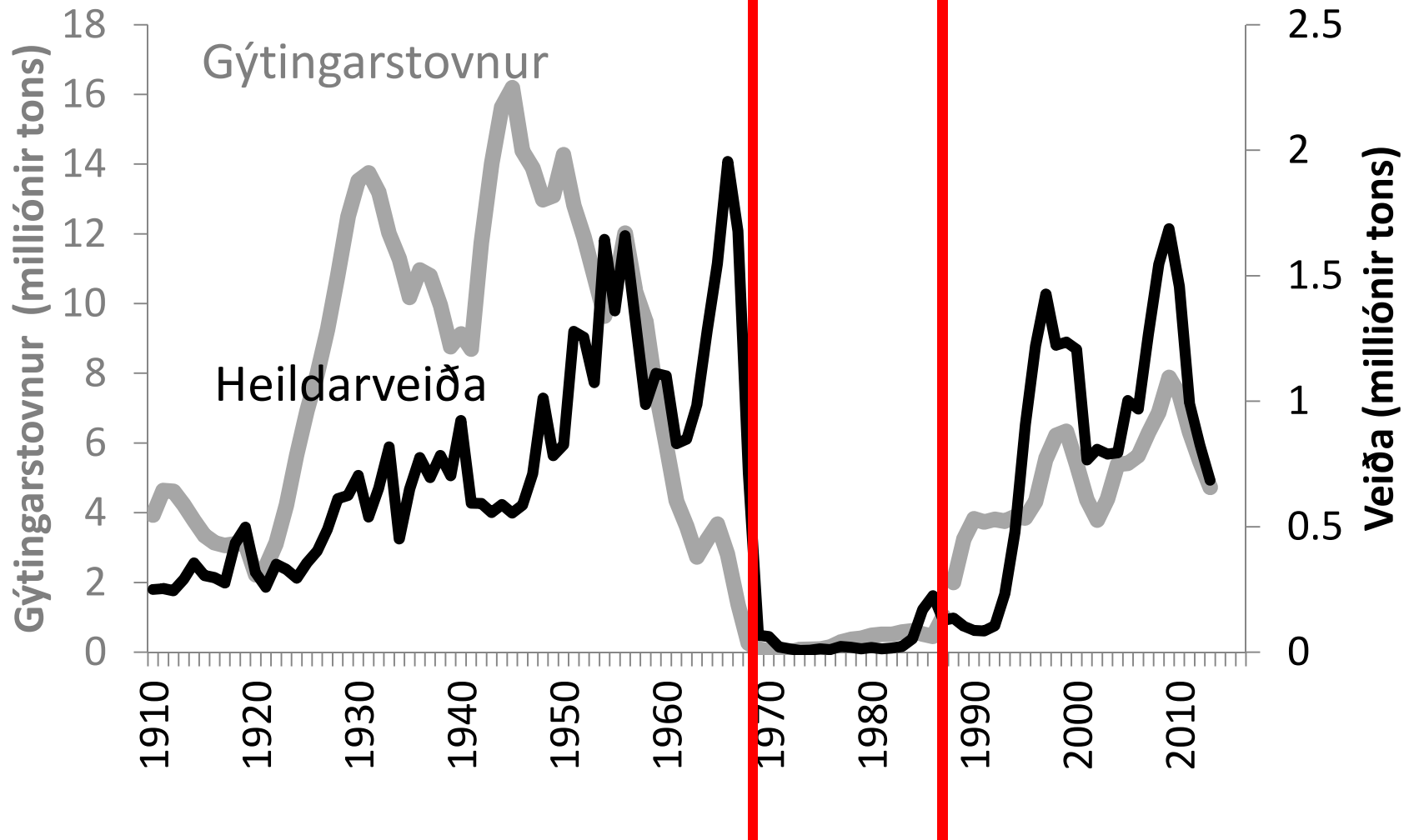


Fiskiskapur síðani 1910

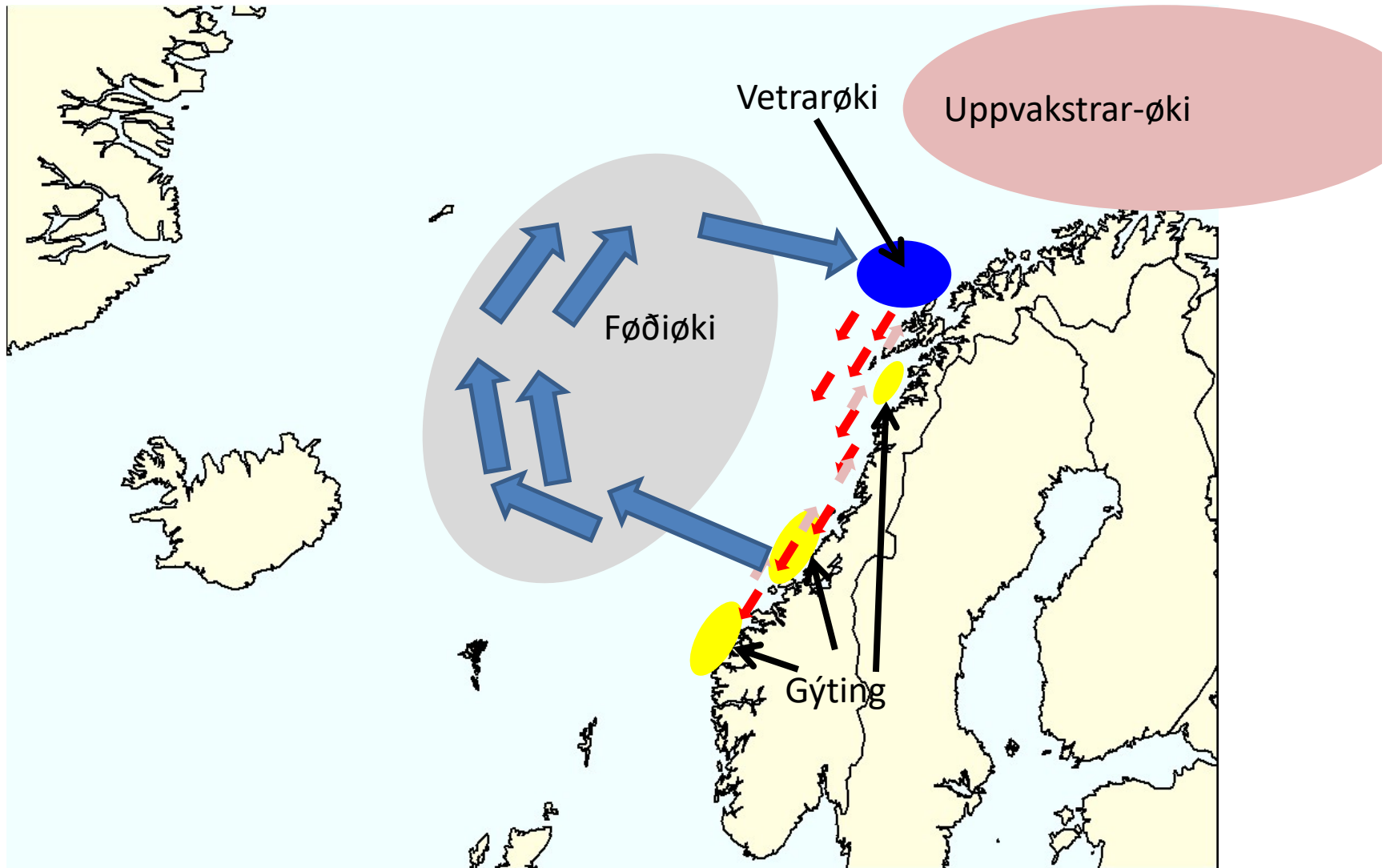
FYRR

KOLLAPS

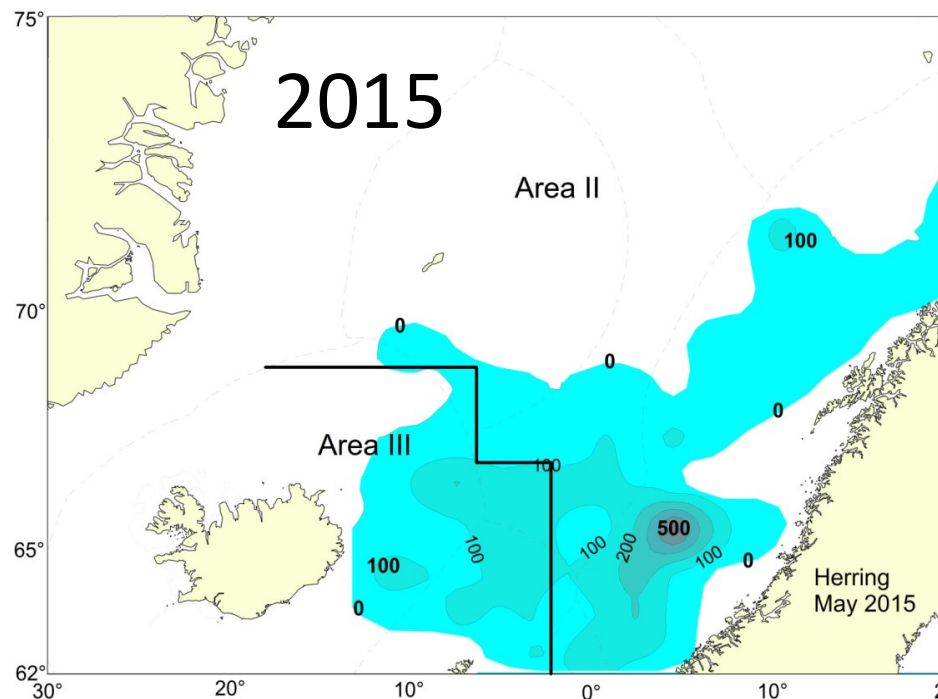
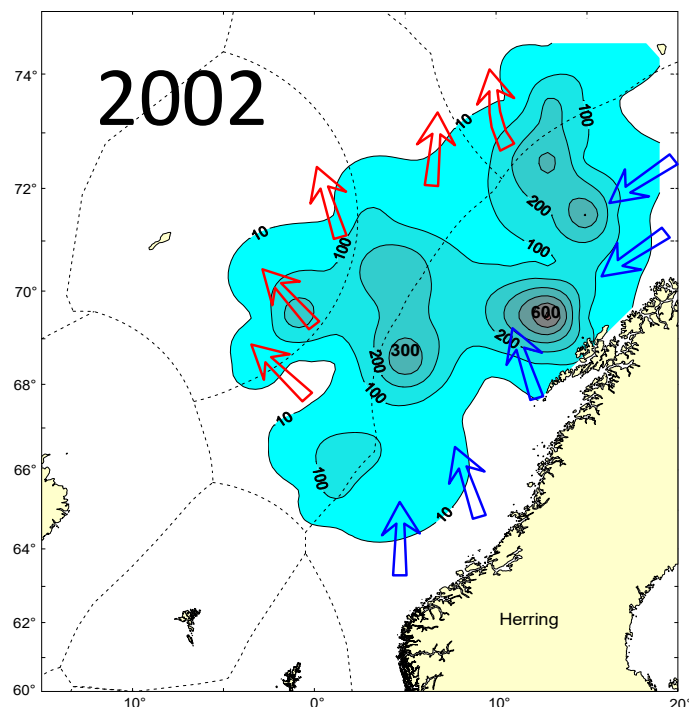
NÚ



Lívringrás og ferðingarmynstur



Útbreiðslan er ekki stöðug

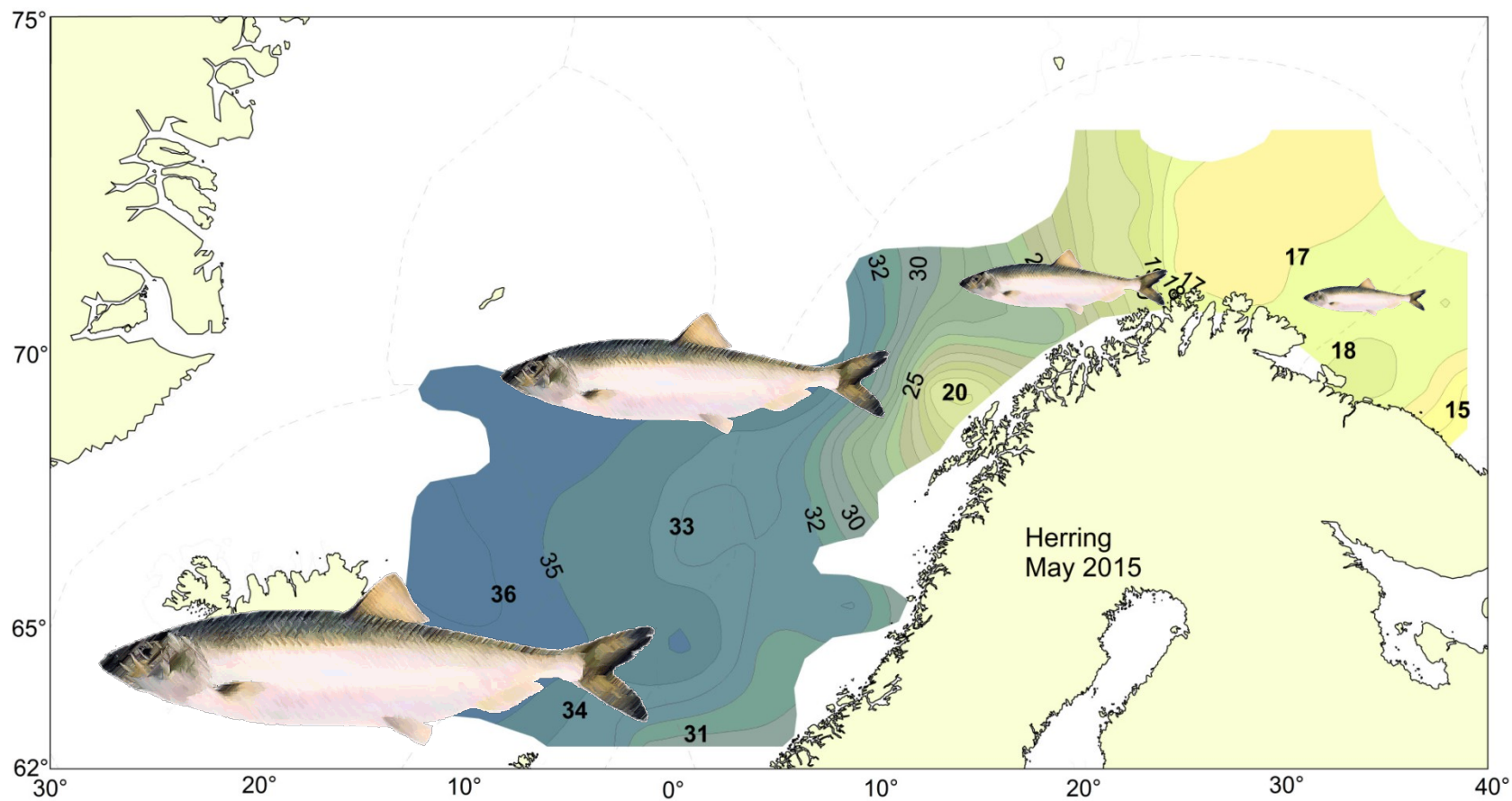


Orsökir:

Lutvíst skiftandi umhvørvi

Lutvíst skiftandi aldurssamanseting

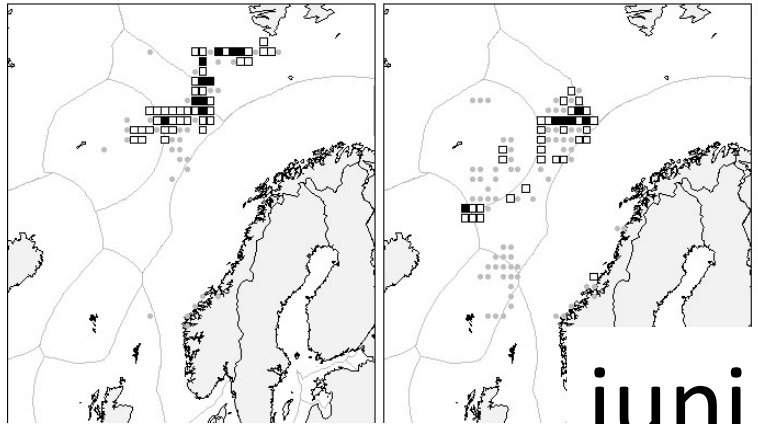
Størsta sildin ferðast longst vestur



Fiskiskapurin flytir seg eisini

2002

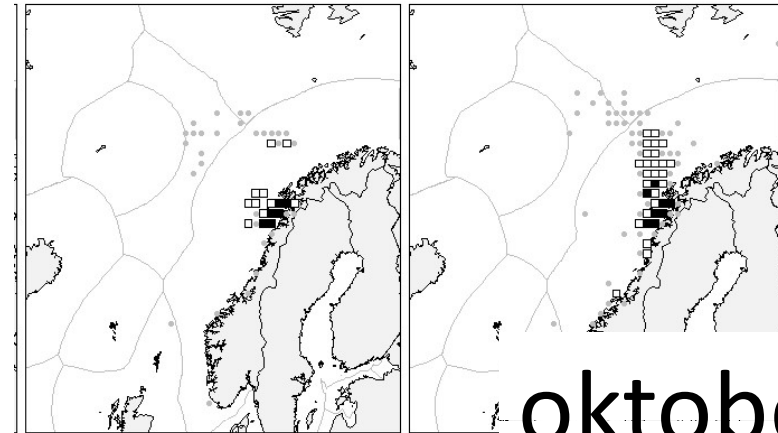
2003



juni

2002

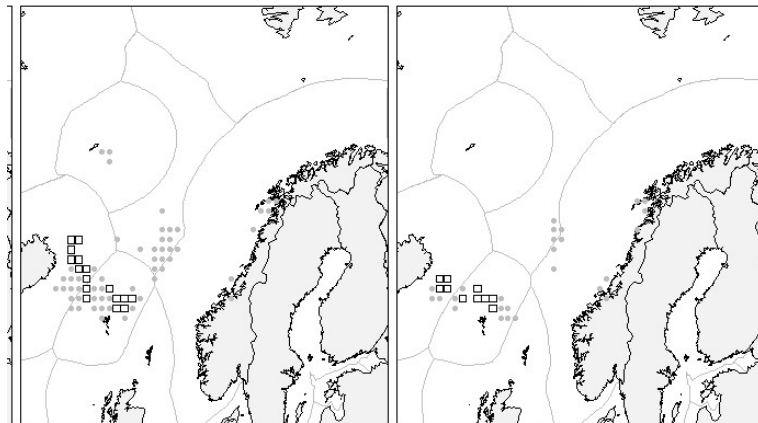
2003



oktober

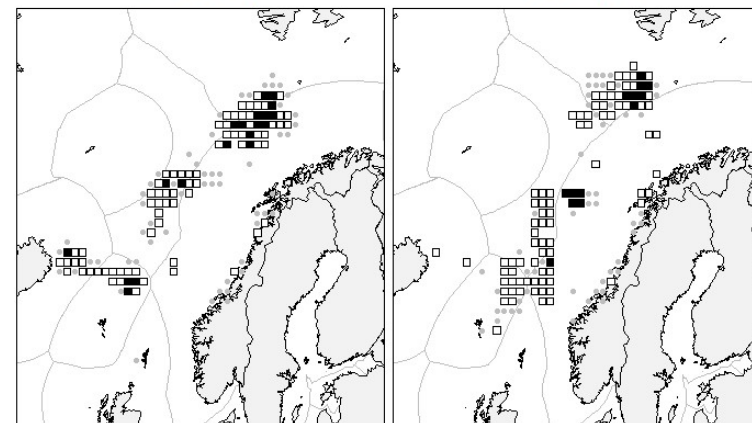
2011

2012



2011

2012

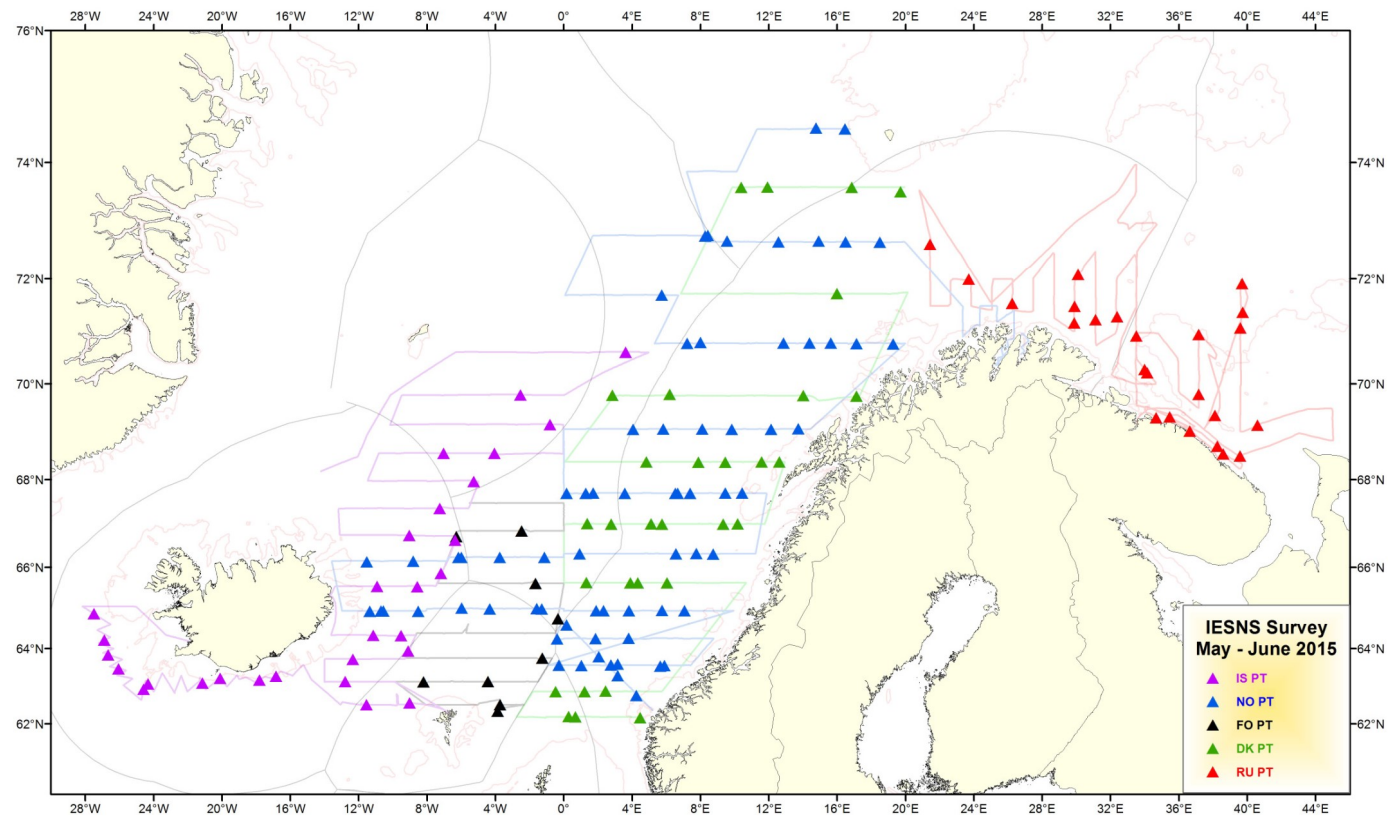


Norðhavssildin er felagsstovnur - felags umsiting

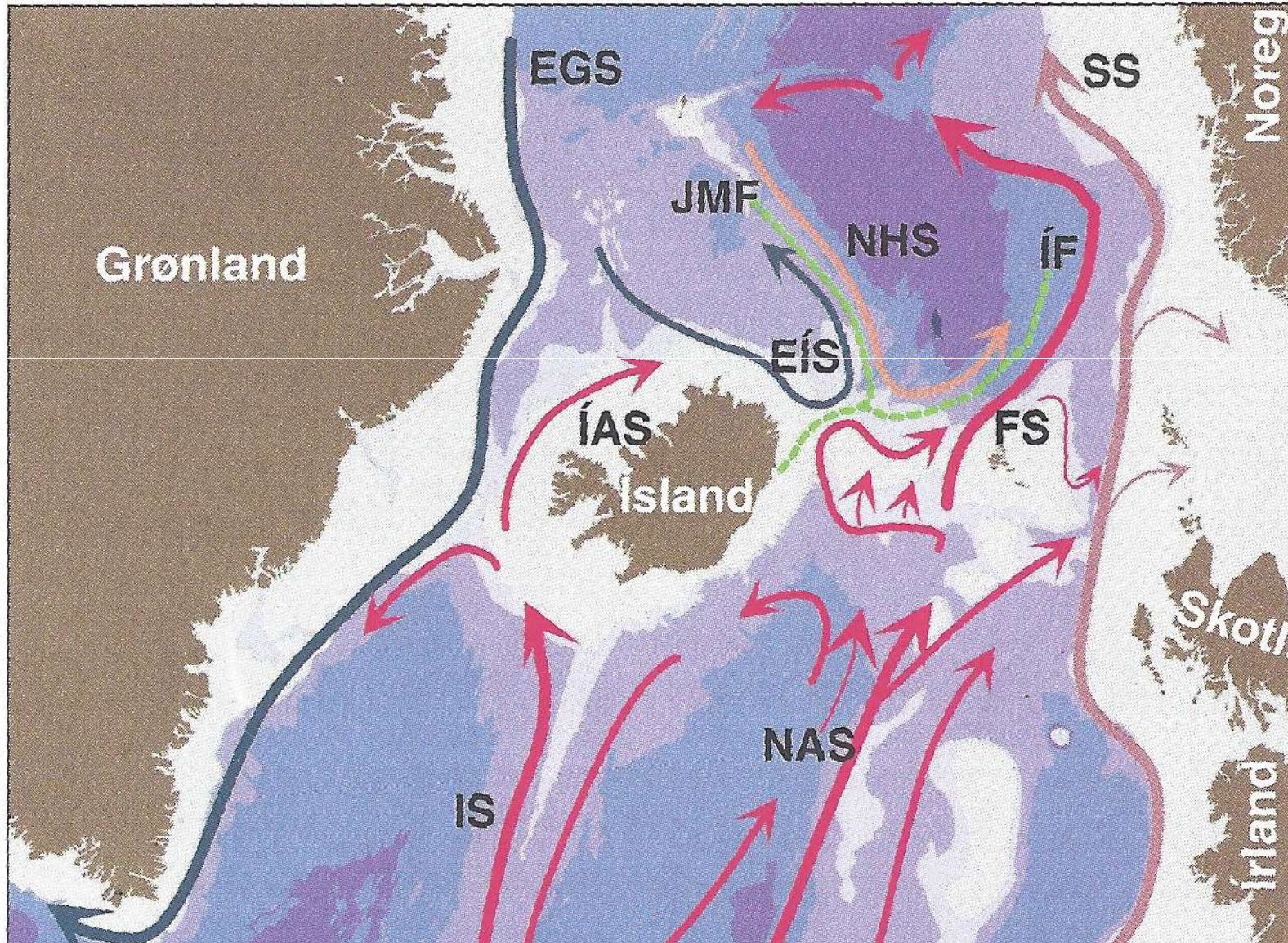
- Strandalondini viðvíkjandi norðhavssild eru
 - Noreg, Ísland, ES, Føroyar og Russland
- ICES ráðgevur um mest loyvdu veiðu
- Strandalondini
 - Áseta býti av veiðuni sínámillum
 - Áseta umsitingarætlan

Norðhavssildin er felagsstovnur - felags kanningar

- Kanningarøkið í mai 2015



Rák og frontar í kanningarøkinum



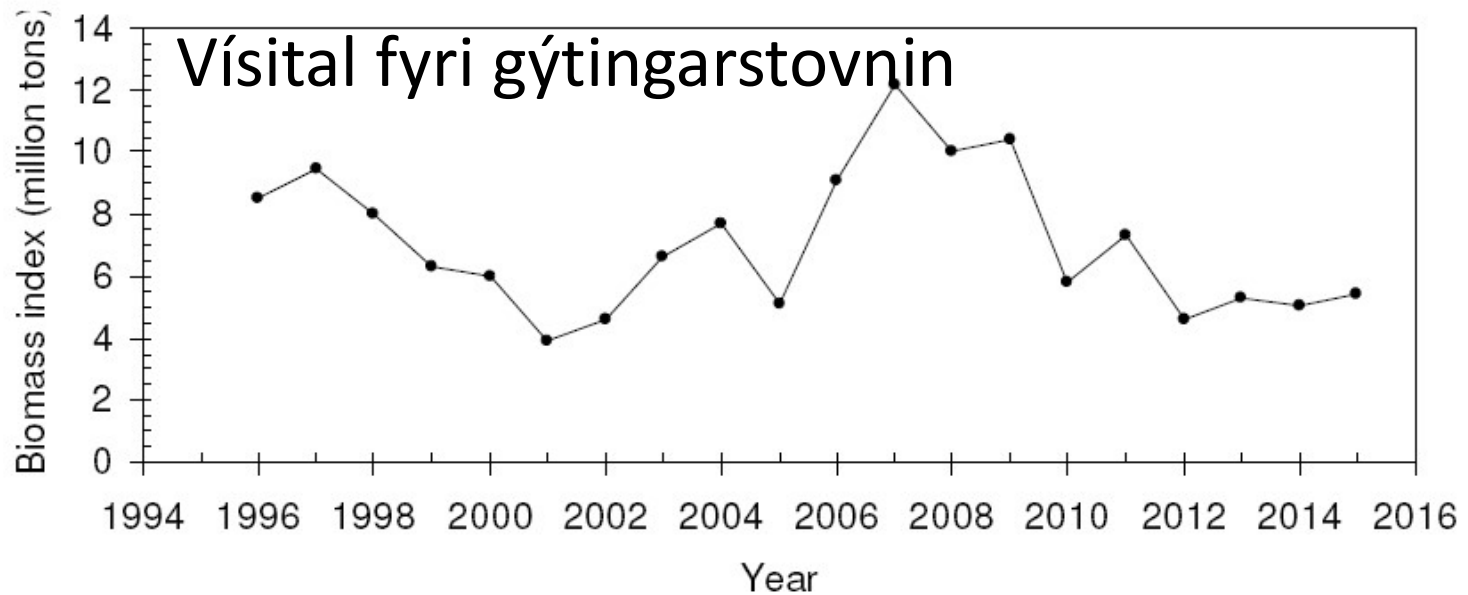
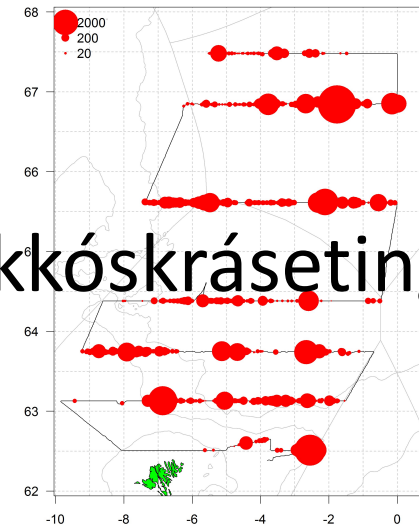


Lívfrøðiligar kanningar

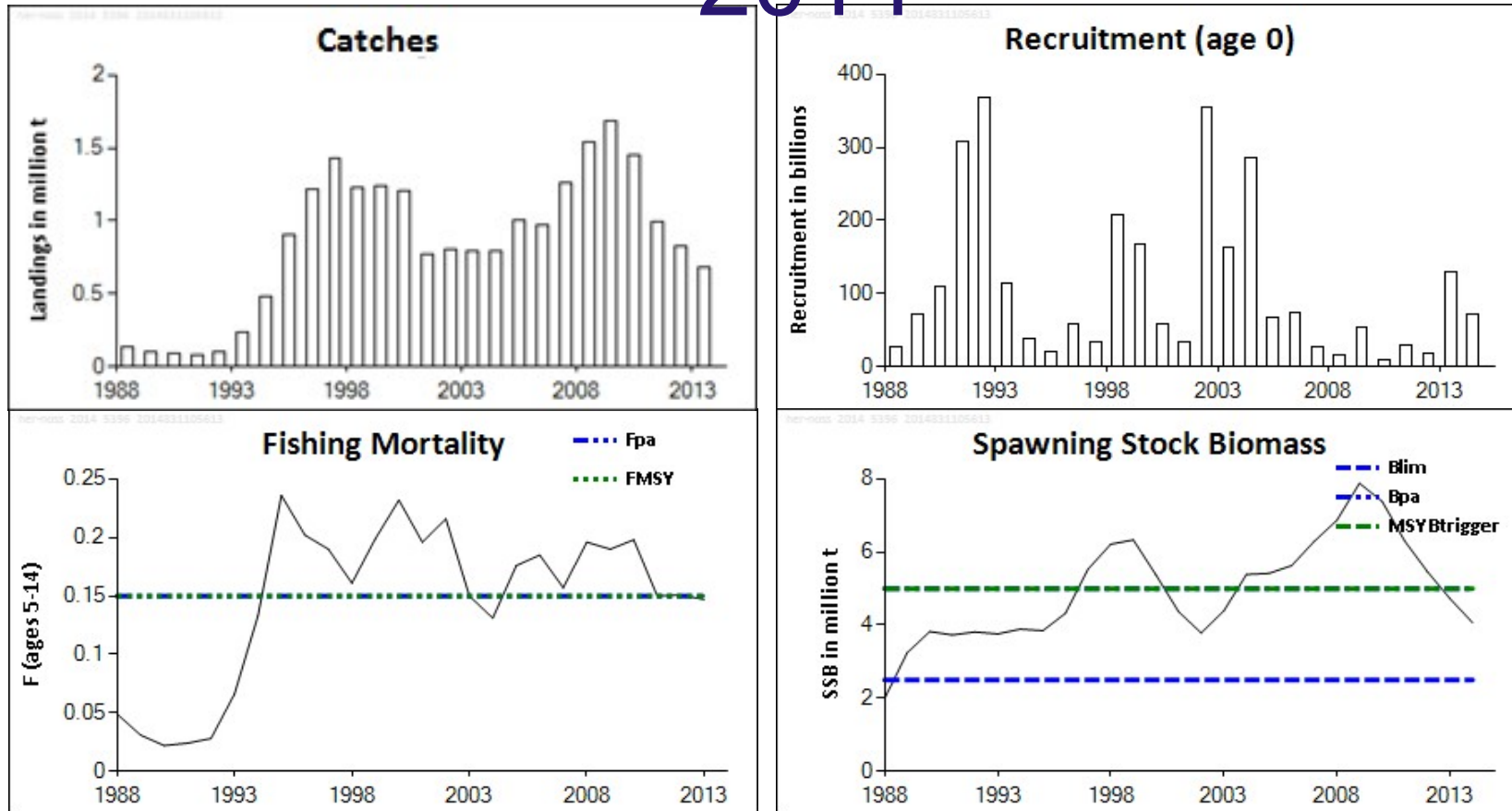
- aldursbýti
- miðalstödd

+

ekkóskráseting =



Norðhavssild - stovnsmetingin 2014



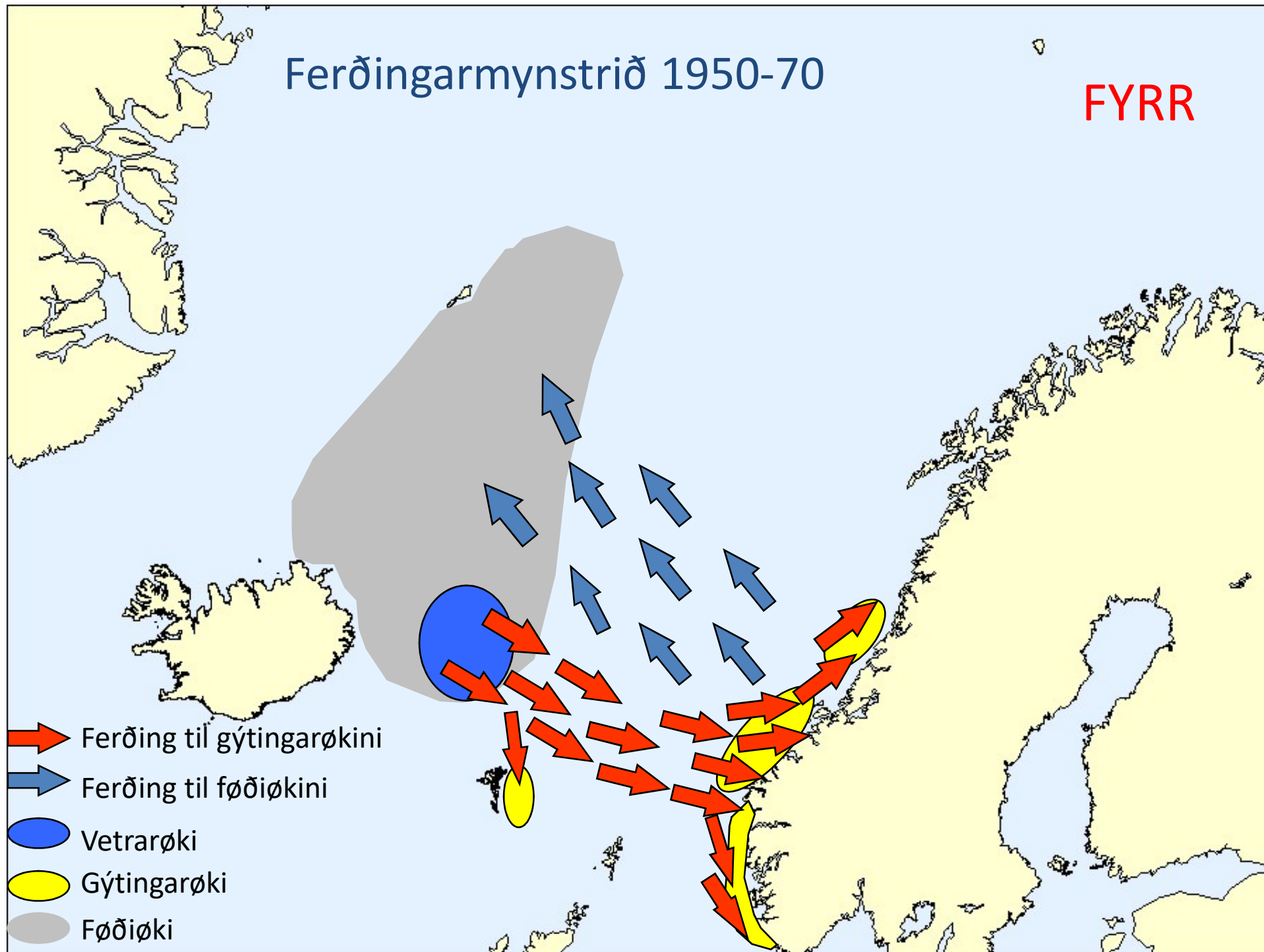
Vánalig tilgongd síðani 2005 => Gýtingarstovnurin er í minking

Ferðingarmynstrið fyrr og nú

- Og hví hvarv norðhavssildin

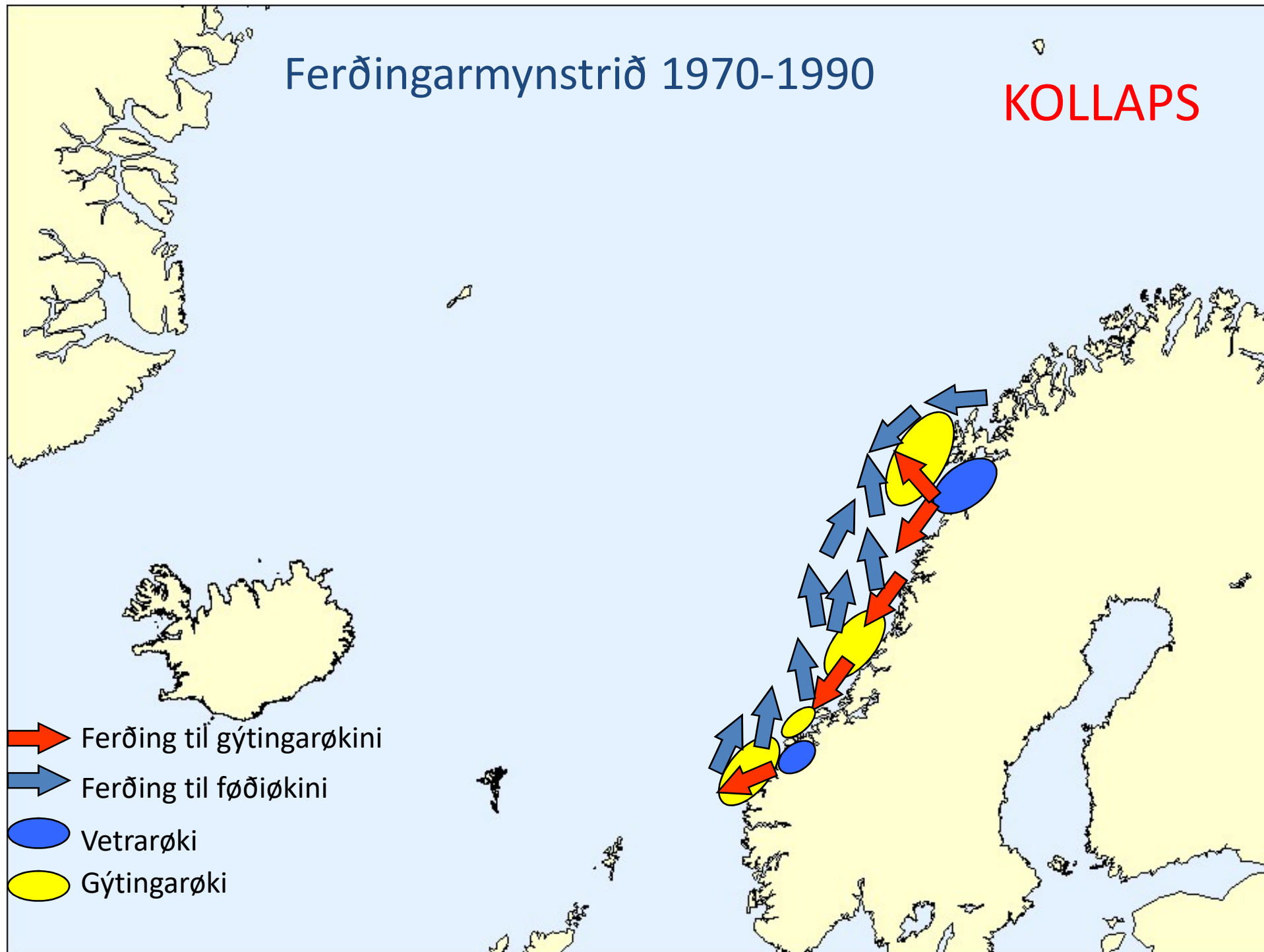
Ferðingarmynstrið 1950-70

FYRR



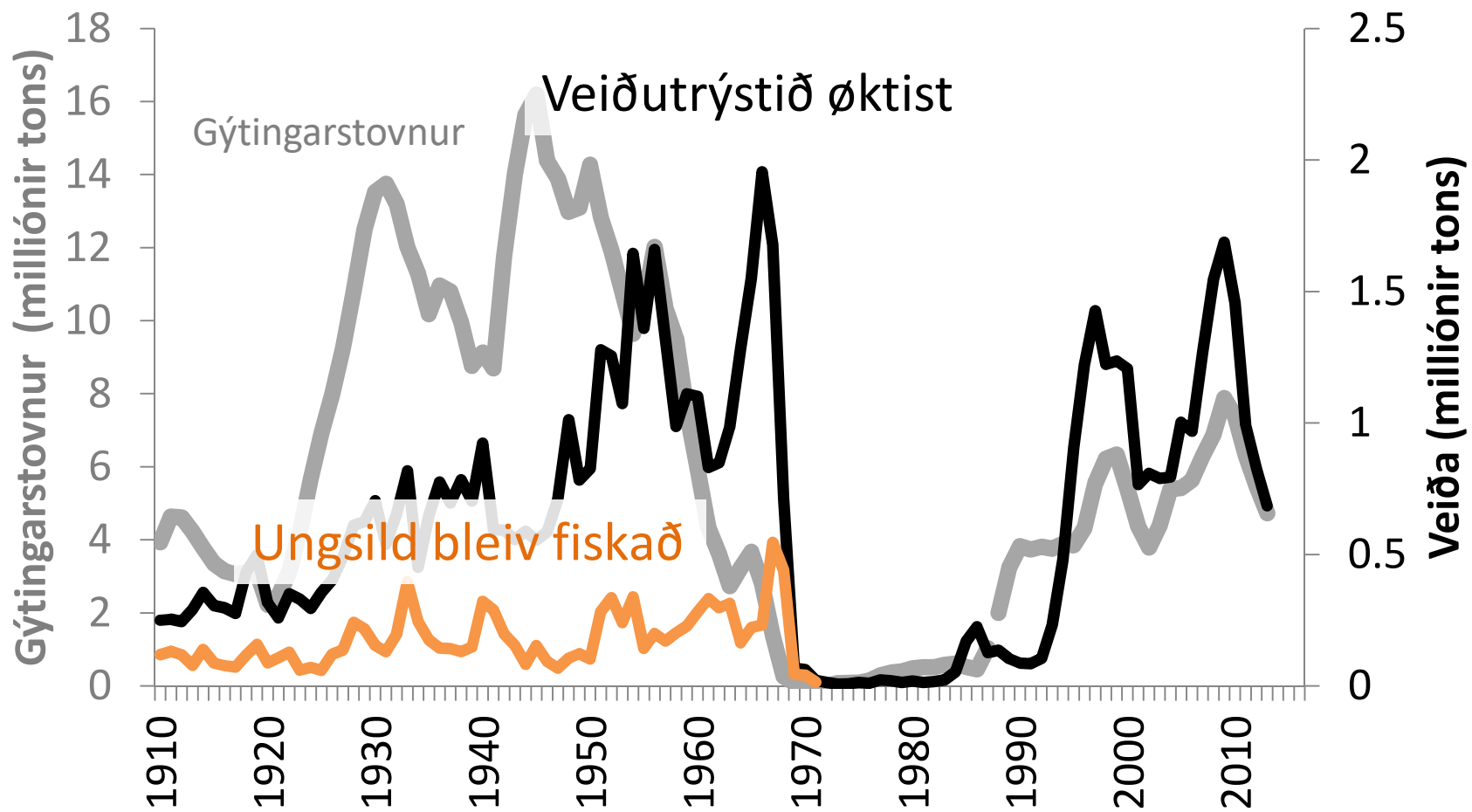
Ferðingarmynstrið 1970-1990

KOLLAPS

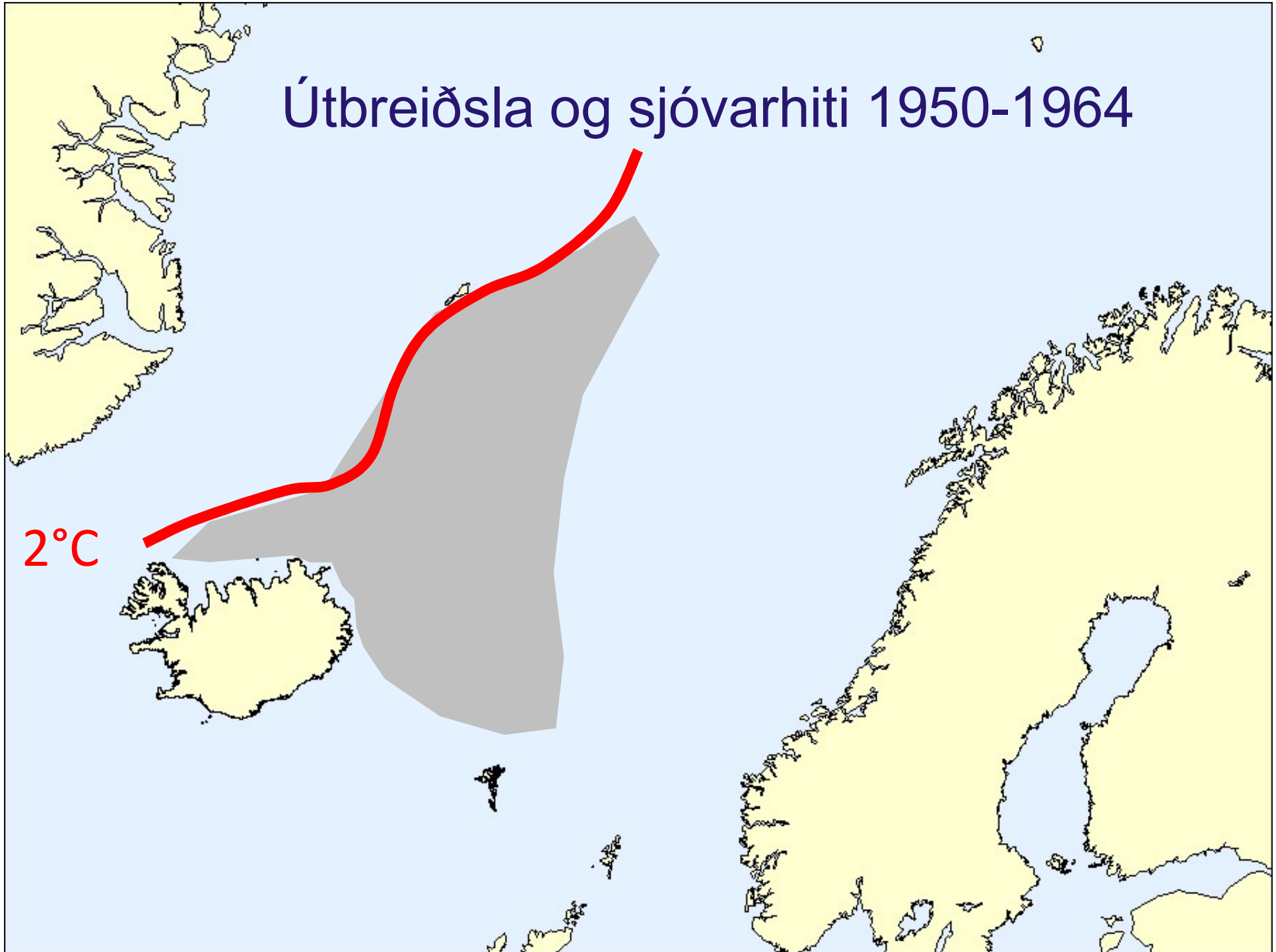


Hví hvarv norðhavssildin í 60-unum?

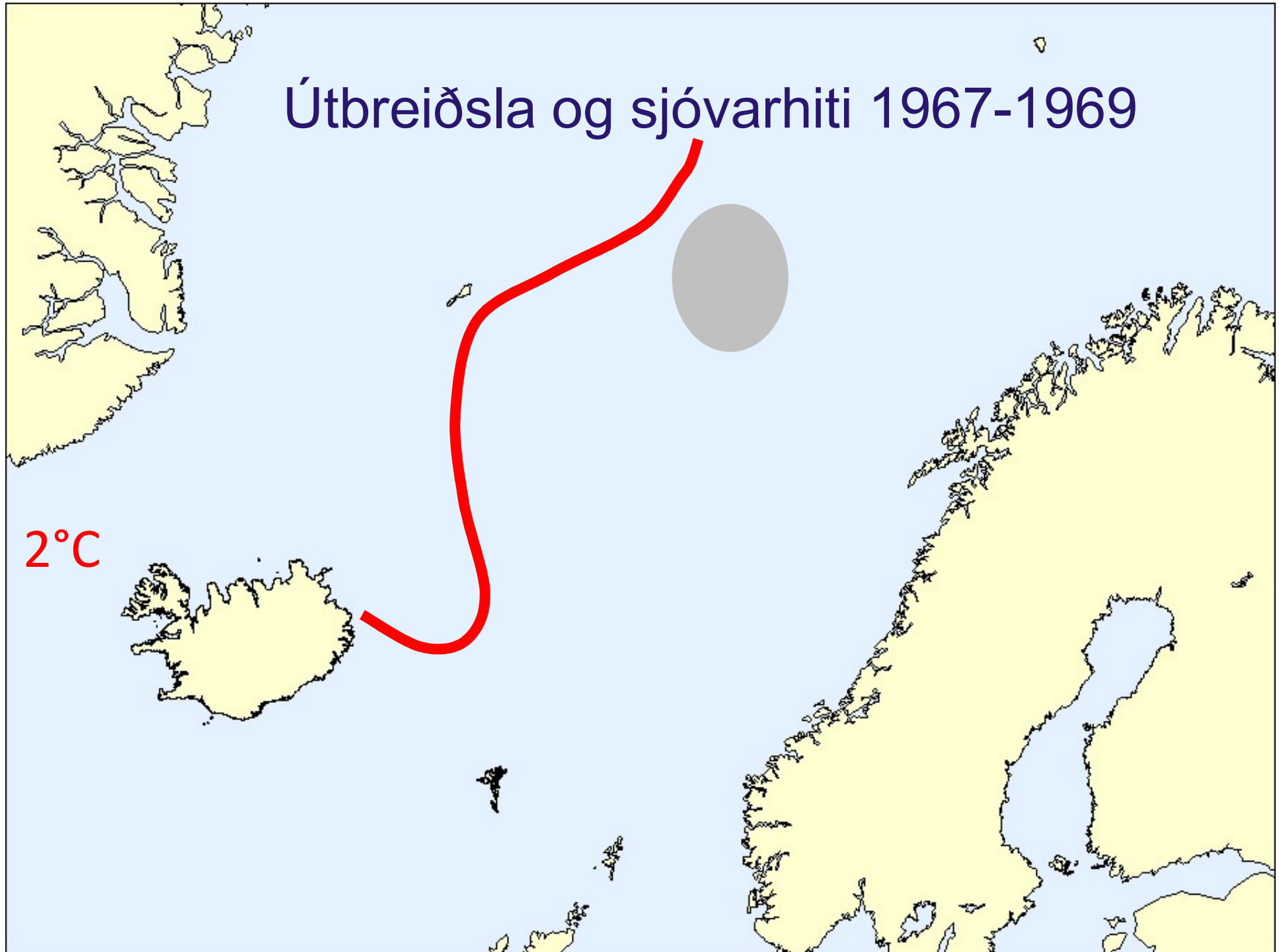
- Ovurfisking, versnaðar liviumstöður ella bæði?



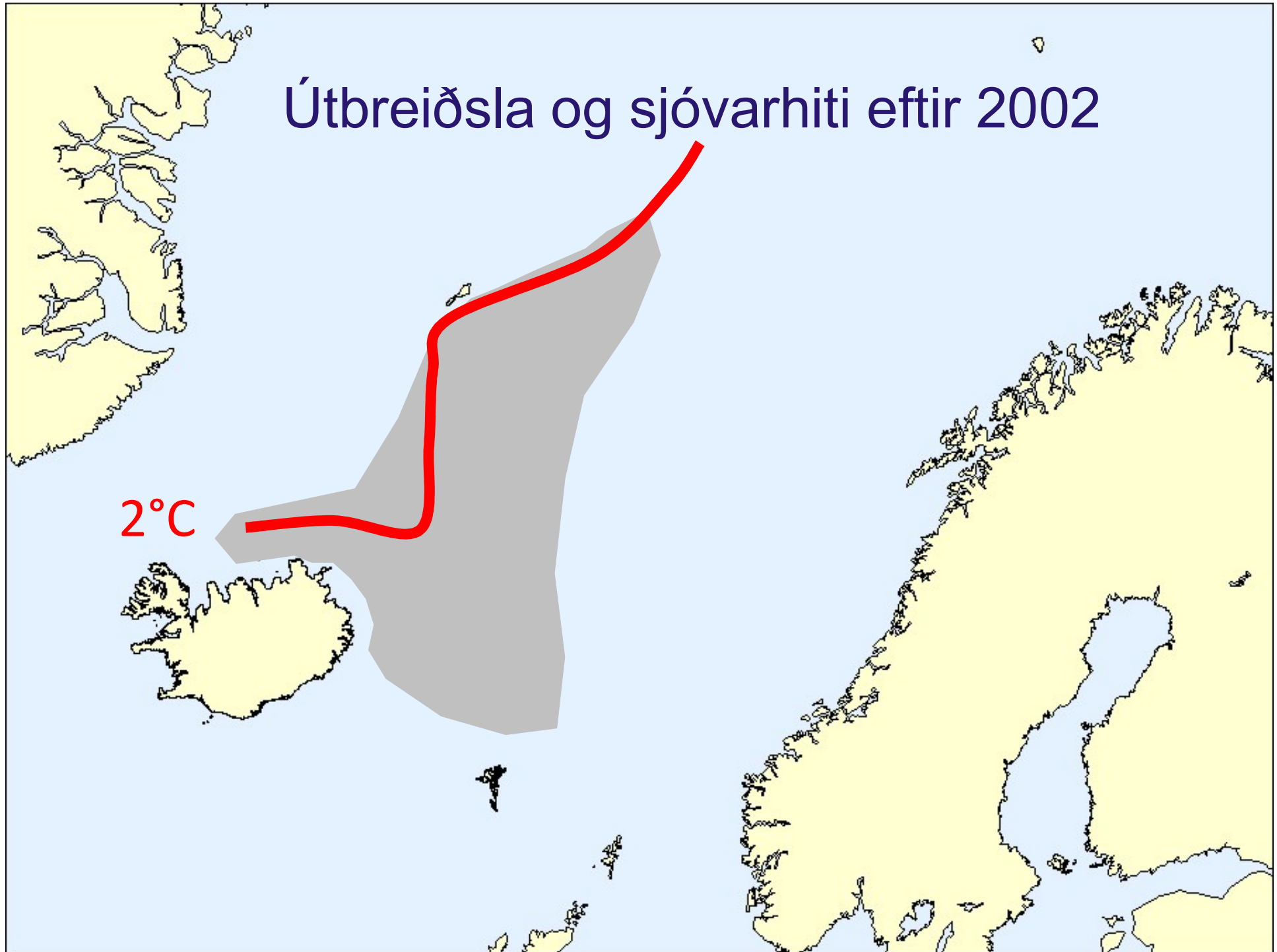
Útbreiðsla og sjóvarhiti 1950-1964



Útbreiðsla og sjóvarhiti 1967-1969



Útbreiðsla og sjóvarhiti eftir 2002

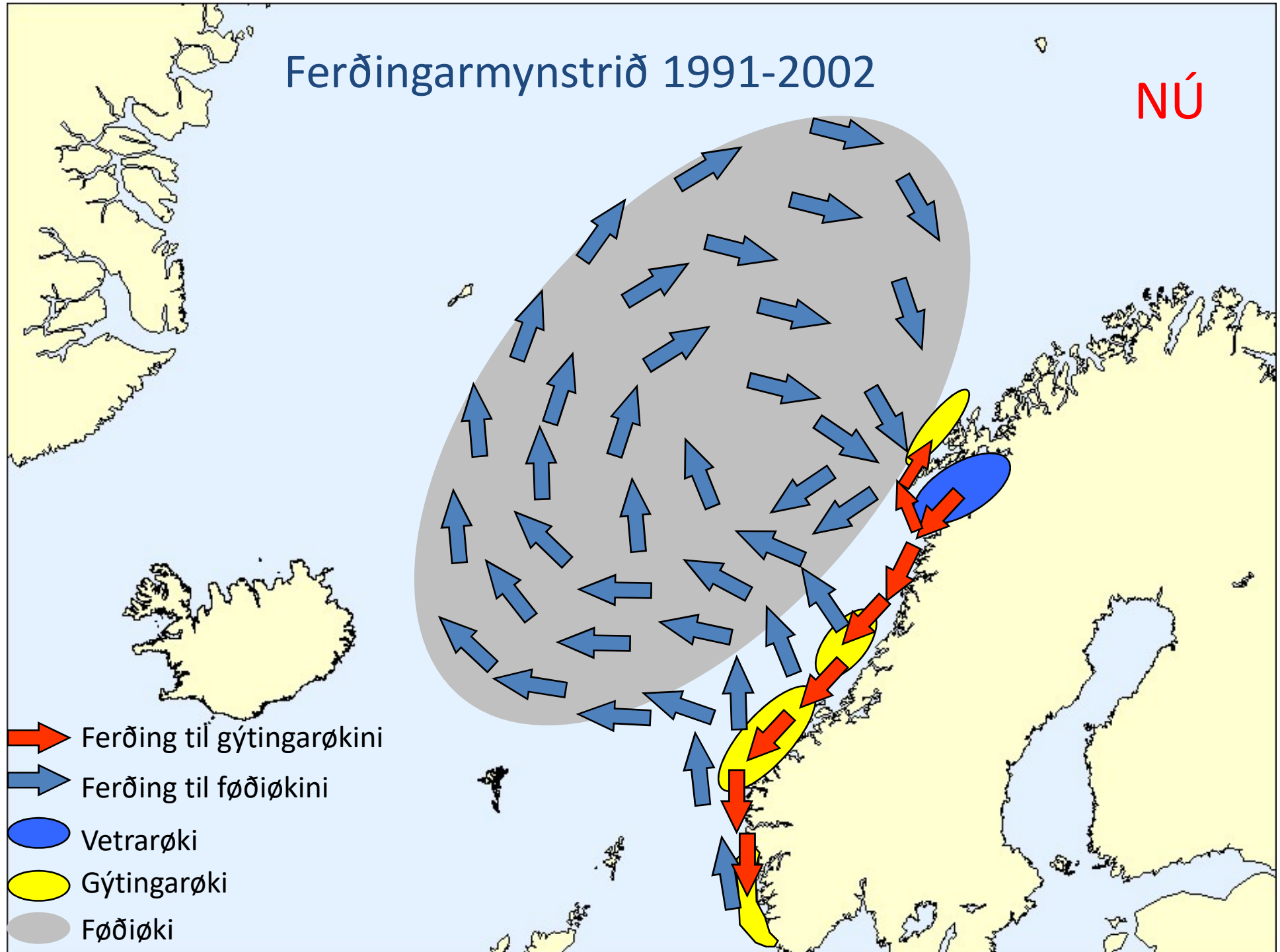


Norðhavssildin hvarv, tí at

- Øktur fiskiskapur
 - Bæði eftir vaksnari og smásild
- Vánalig tilgongd
- Versnandi liviumstöður fyri vaksna stovnin
 - Sjógvurin norðan fyri Ísland kølnaði síðst í 60-unum
- Eitt óheppið samanspæl, har vit ikki kláraðu at avmarka fiskiskapin, áðrenn ov seint var

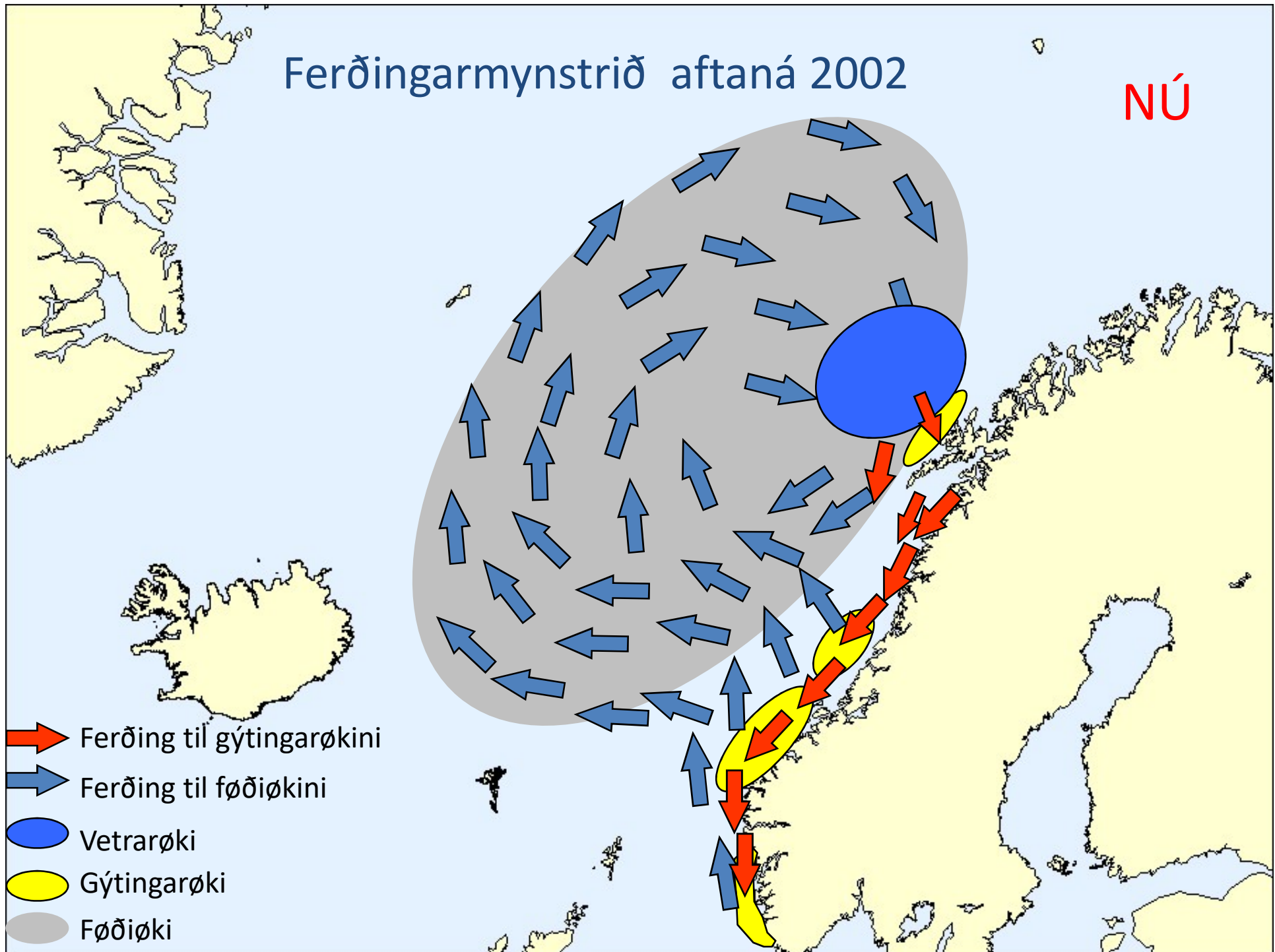
Ferðingarmynstrið 1991-2002

NÚ



Ferðingarmynstrið aftaná 2002

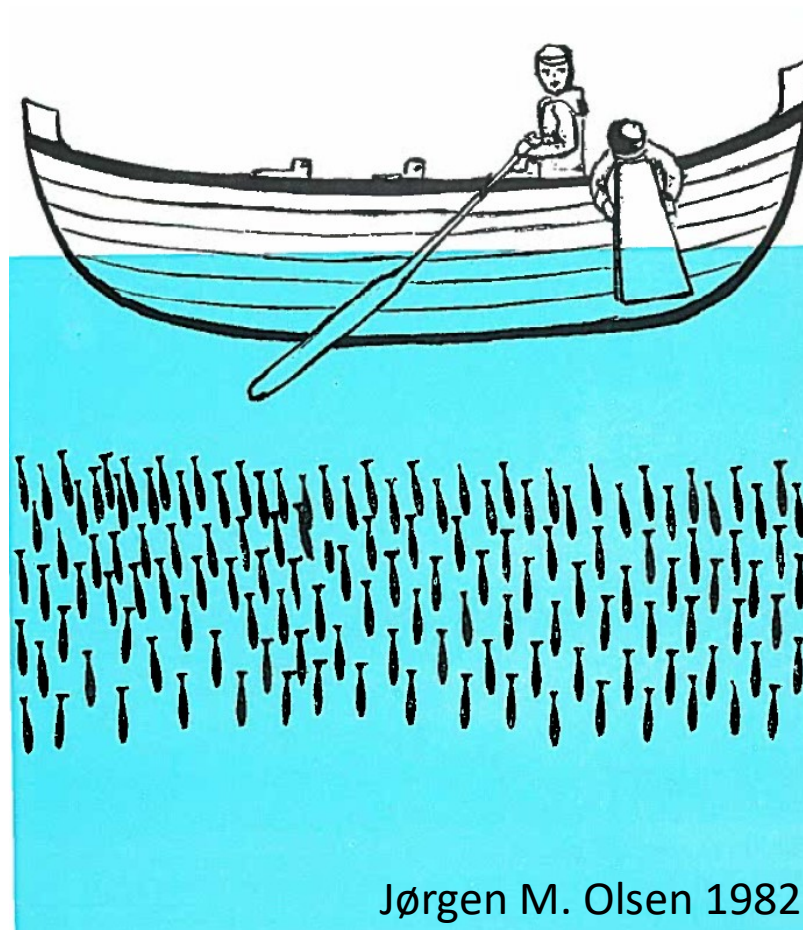
NÚ



Hvussu sær framtíðin út?

- Stovnurin er í løtuni í minking
 - Minus: Vánalig tilgongd síðani 2005
 - Pluss: Stovnurin verður ikki fiskaður hart
- Umsitingarætlanin forðar vónandi nýggjum kollapsi
- Kunnu vit vænta broytingar í ferðingarmynstrinum?
 - Gamla vetrarøkið?
 - Gýting við Føroyar?
 - Ilt at siga – tað fer tíðin at vísa

Takk fyri



Jørgen M. Olsen 1982