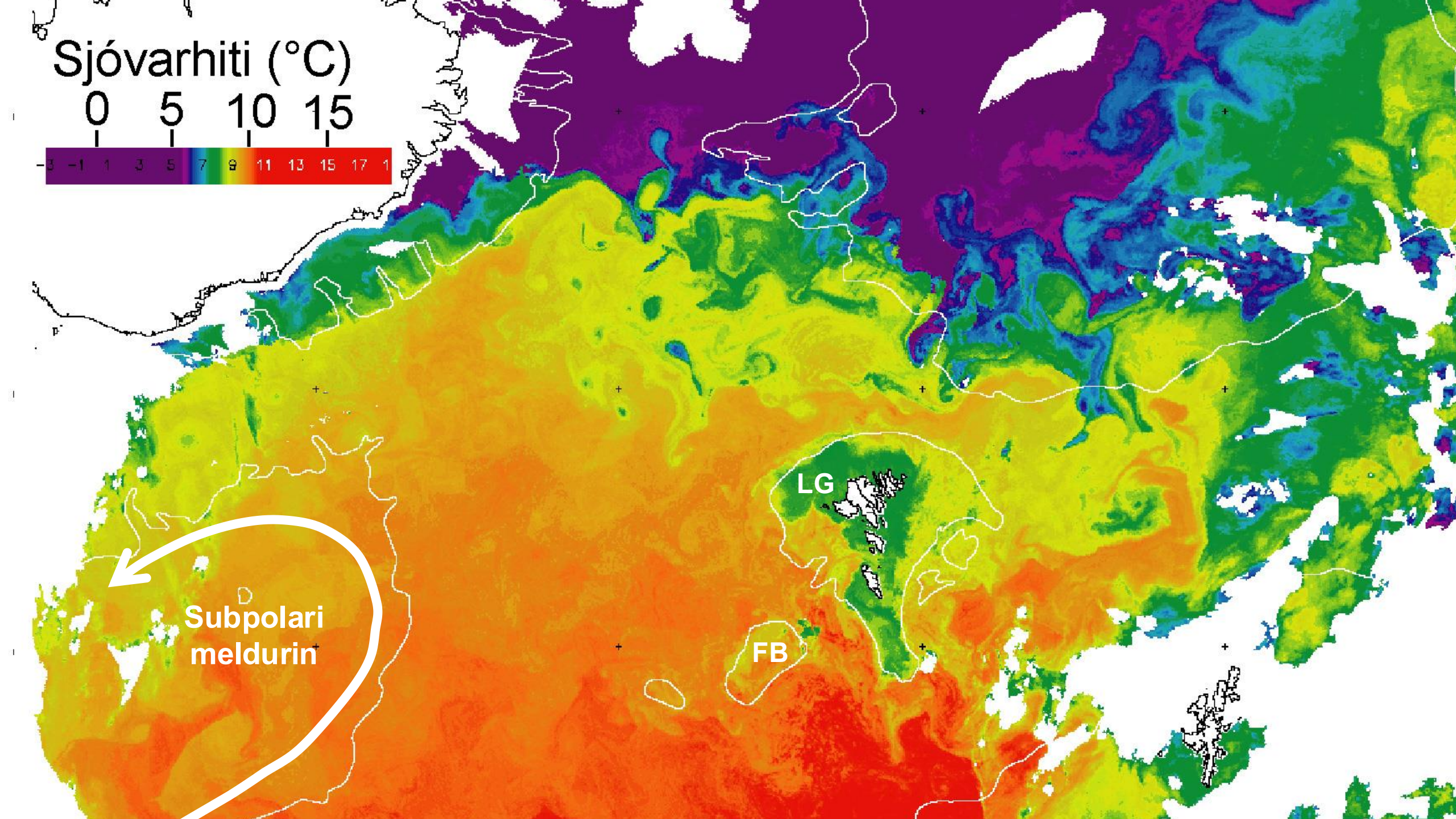
HAVSTOVAN
FAROE MARINE RESEARCH INSTITUTE

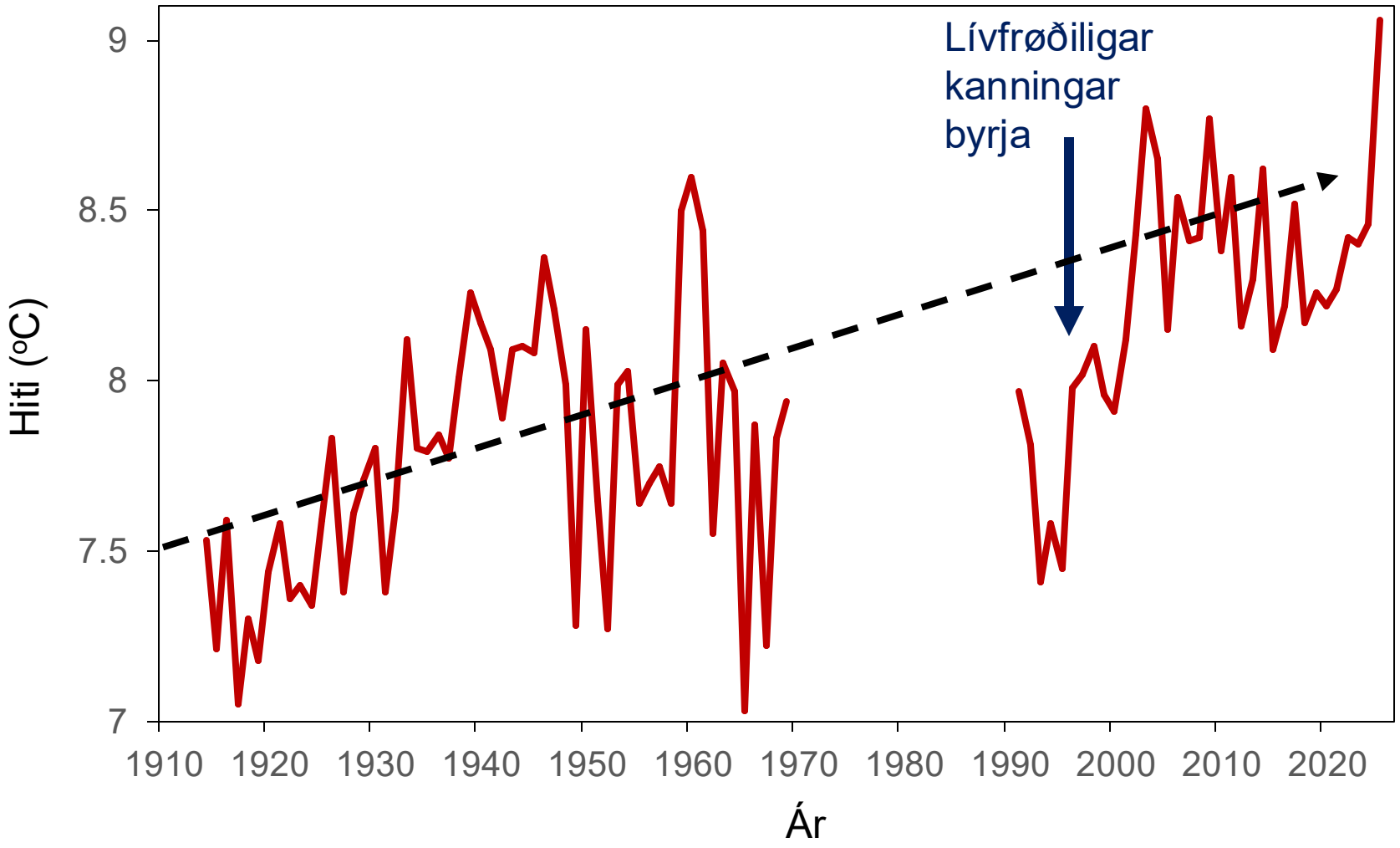
Veðurlagsbroytingar og lívið í havinum

Sólvá Jacobsen

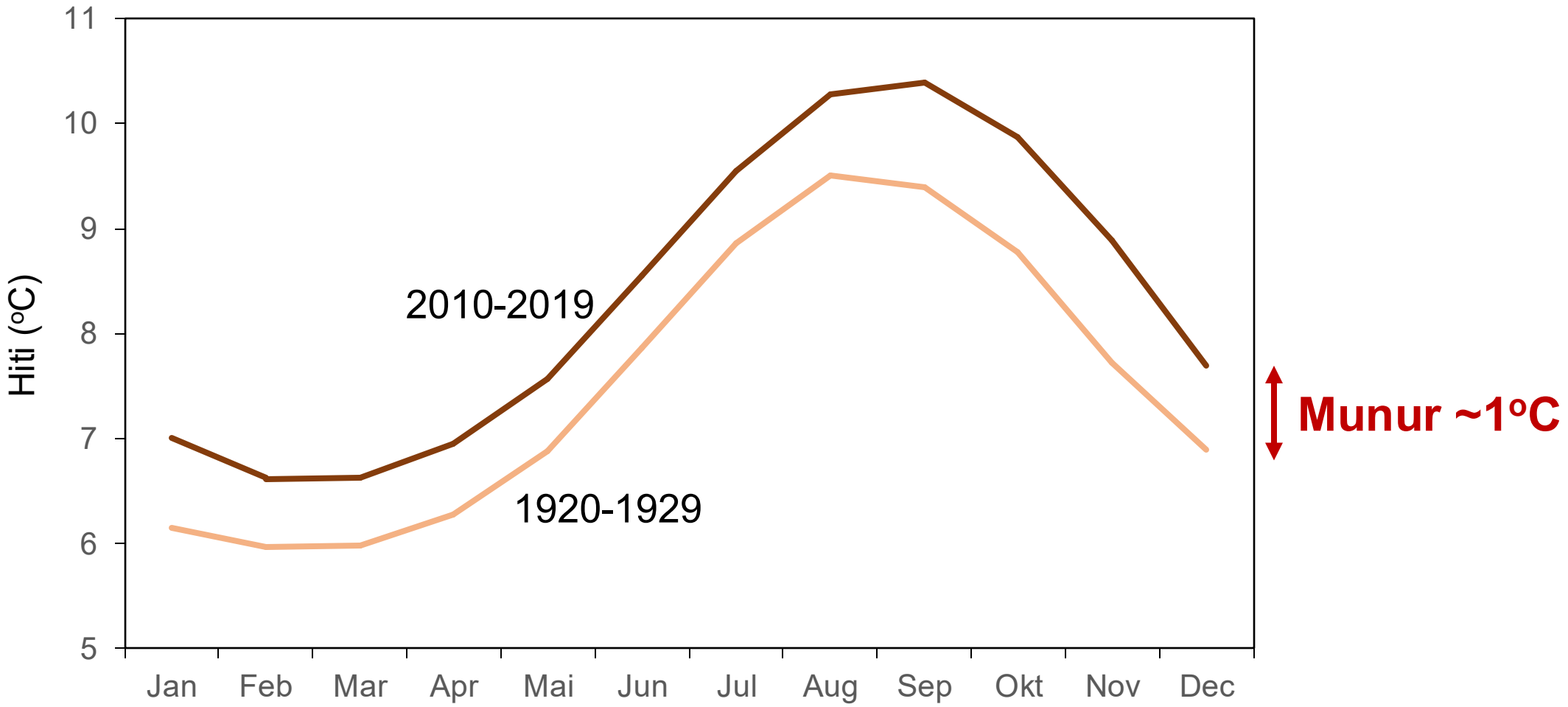
Veðurlagsdagur 23.04.2026


Sjóvarhiti (°C)
0 5 10 15
-3 -1 1 3 5 7 9 11 13 15 17 1
LG
FB
Subpolari
meldurin

Hitin á Landgrunninum



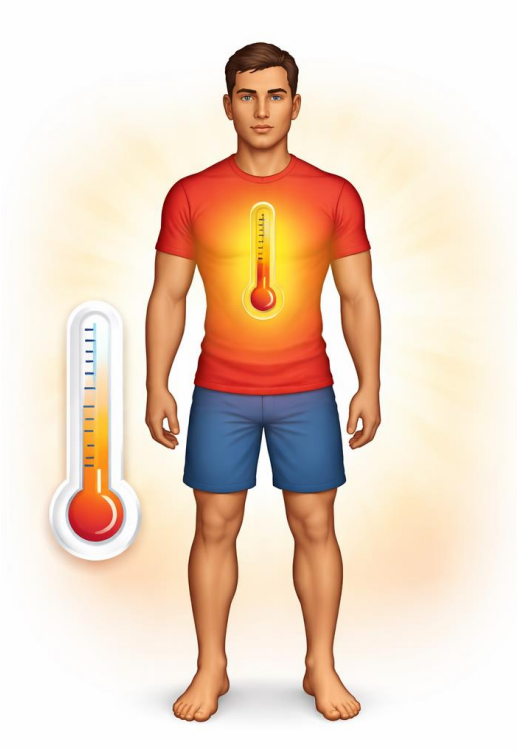
Hitin á Landgrunninum



Hitastýring hjá djórum

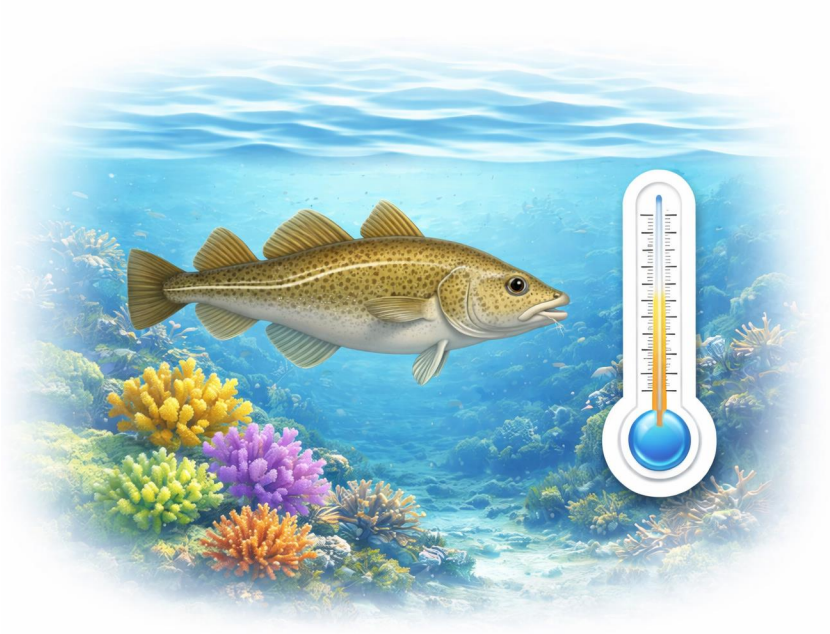
Endotermar

Kropshitin støðugur



Ektotermar

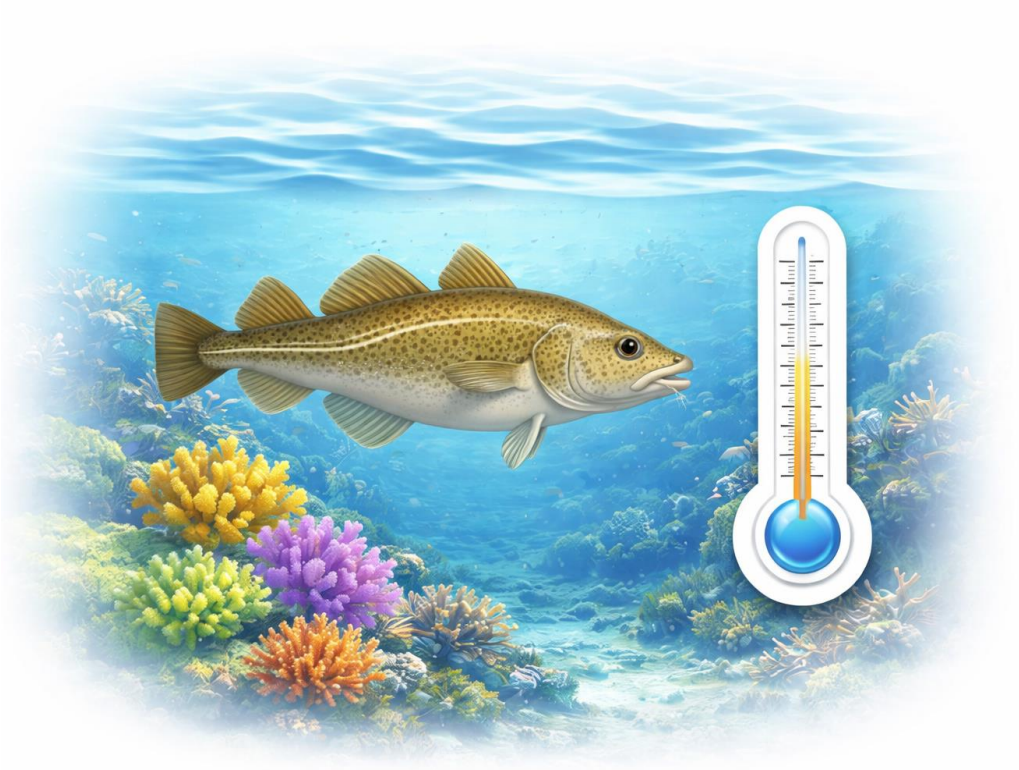
Kropshitin fylgir umhvørvinum



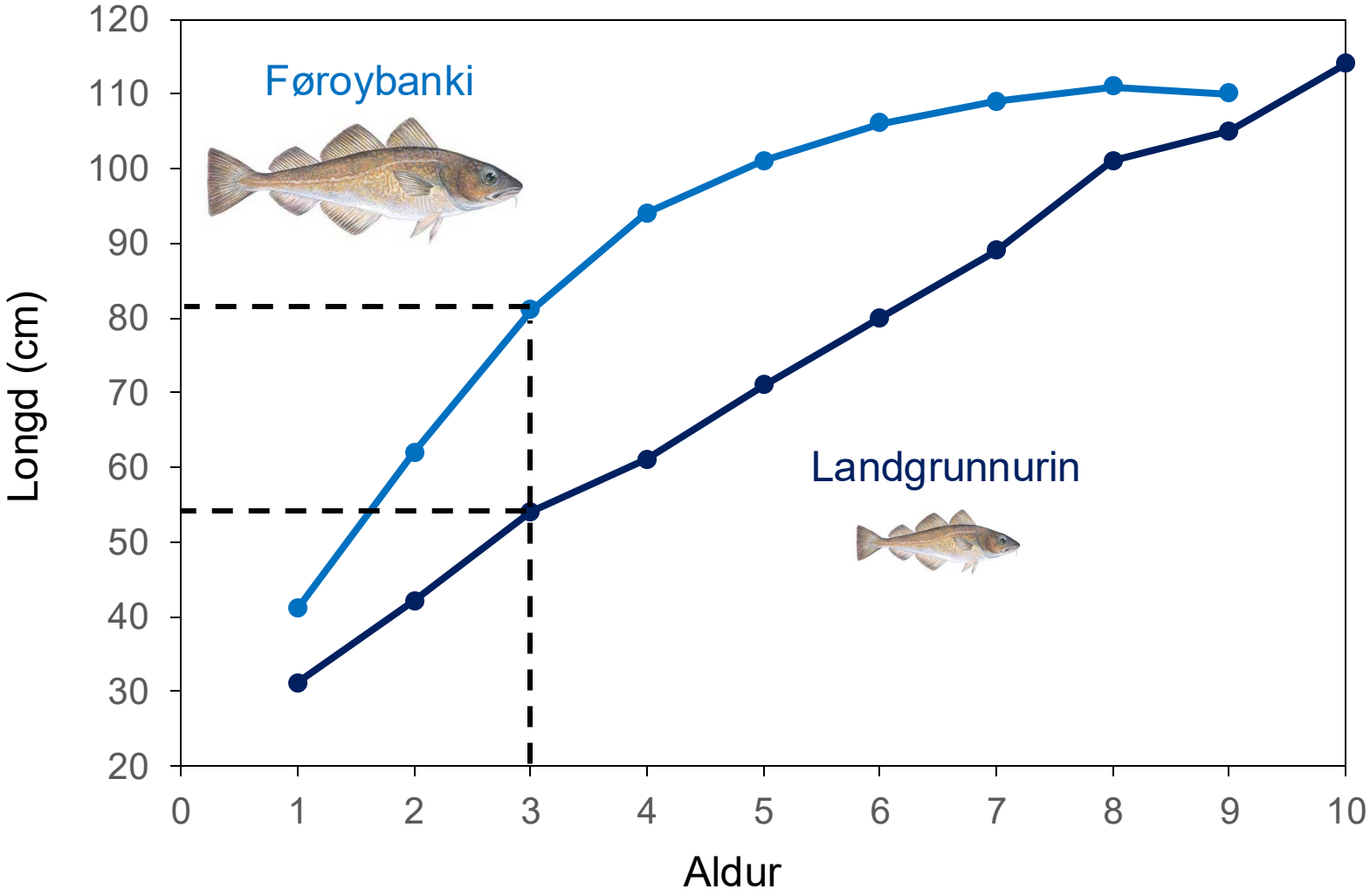
Ektotermar

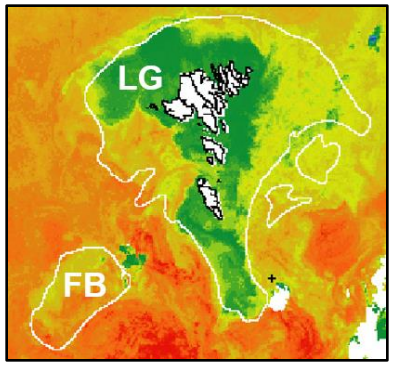
Lívið verður ávirkað av hita:

- evnaskifti
- vøkstur
- búning
- yvirlivilsi



Toskastødd við høgum og lágum hita





Ektotermar hava eitt hita-optimum

Slag	Hóskandi hiti		
Reyðæti 	6-10°C		

Ektotermar hava eitt hita-optimum

Slag	Hóskandi hiti	Strongd	
Reyðæti 	6-10°C	10-11°C	

Ektotermar hava eitt hita-optimum

Slag	Hóskandi hiti	Strongd	Kritiskt mark
Reyðæti 	6-10°C	10-11°C	12-14°C

Ektotermar hava eitt hita-optimum

Slag	Hóskandi hiti	Strongd	Kritiskt mark
Reyðæti 	6-10°C	10-11°C	12-14°C
Toskur 	4-10°C	12-14°C	18-20°C

Ektotermar hava eitt hita-optimum

Slag	Hóskandi hiti	Strongd	Kritiskt mark
Reyðæti 	6-10°C	10-11°C	12-14°C
Toskur 	4-10°C	12-14°C	18-20°C
Hýsa 	6-12°C	14-15°C	18-20°C

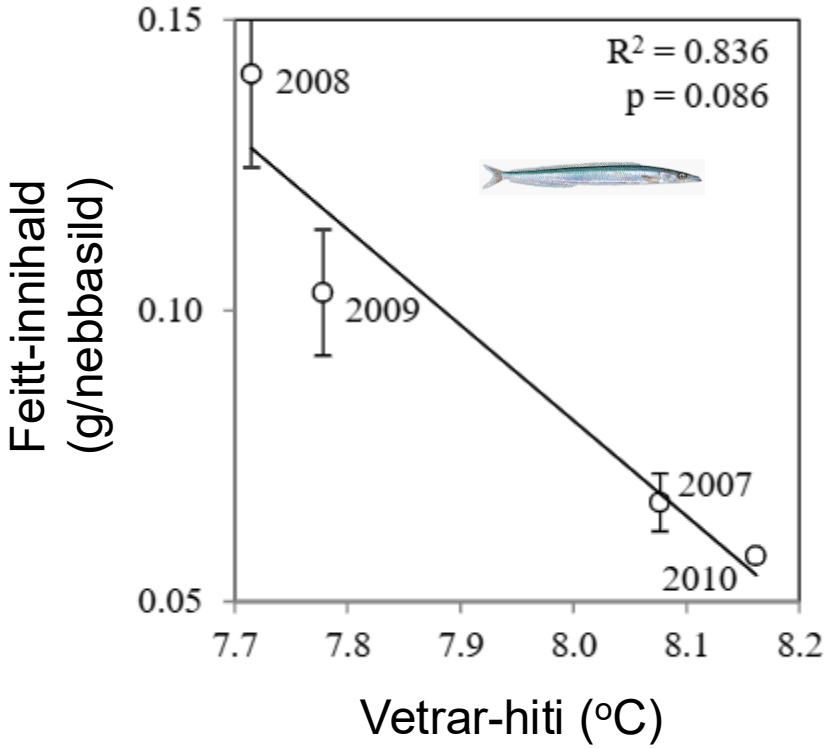
Ektotermar hava eitt hita-optimum

Slag	Hóskandi hiti	Strongd	Kritiskt mark	Vetrar-dvali
Reyðæti 	6-10°C	10-11°C	12-14°C	0-4°C
Toskur 	4-10°C	12-14°C	18-20°C	
Hýsa 	6-12°C	14-15°C	18-20°C	
Nebbasild 	5-9°C	10-12°C	16-18°C	4-7°C

OBS: fiskalarvur hava eitt smalari hita-optimum

Feitt-innihald í nebbasild og hiti

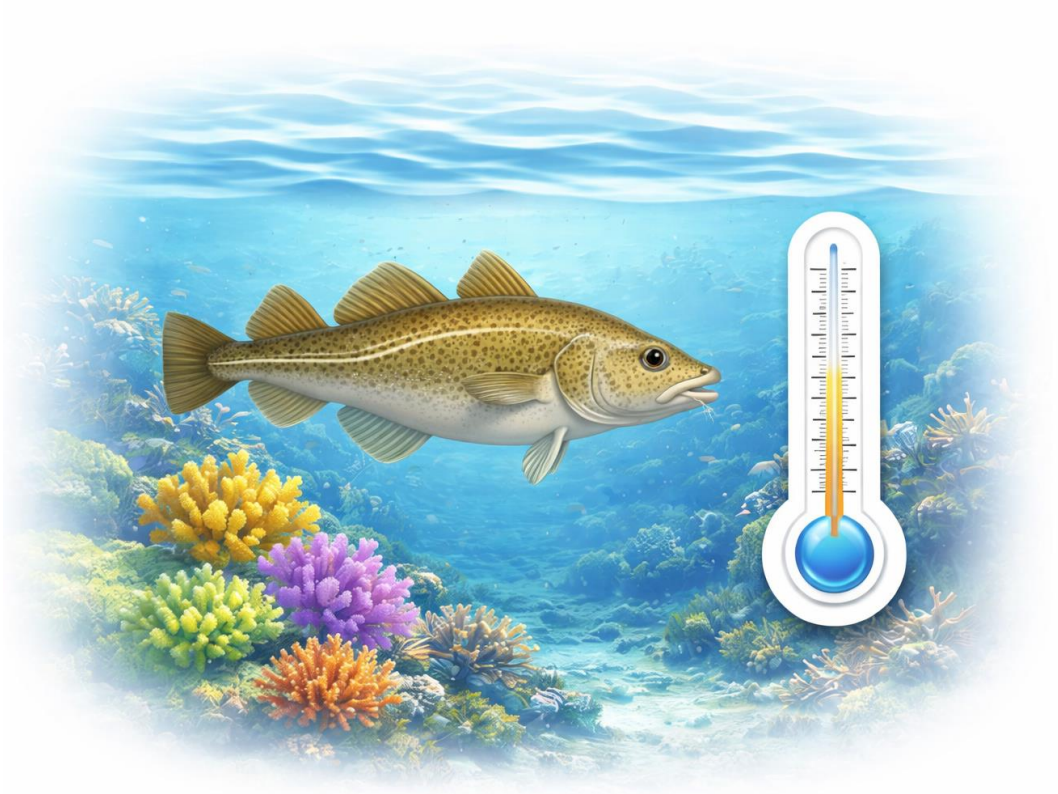
Nærkast nebbasildin sínum ovara hita-marki?



Eliasen 2013

Hvat gera djór í havinum, tá hitin økist?

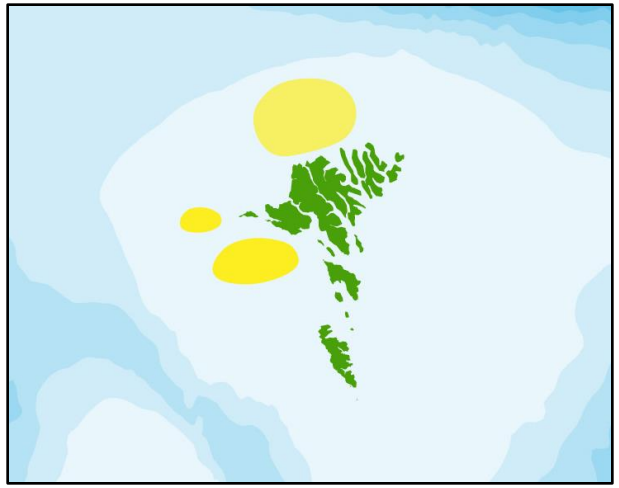
1. Flyta seg til kaldari økir
2. Broyta ‘timing’

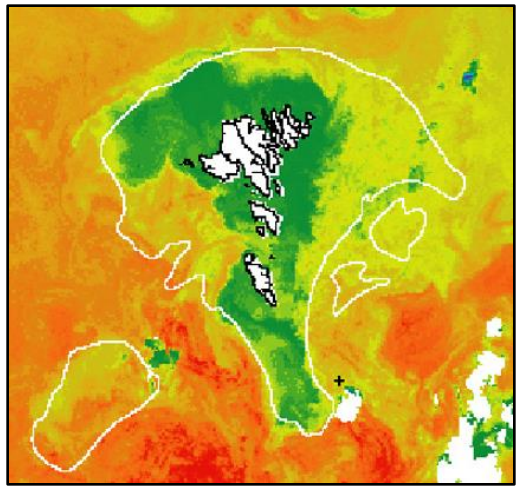


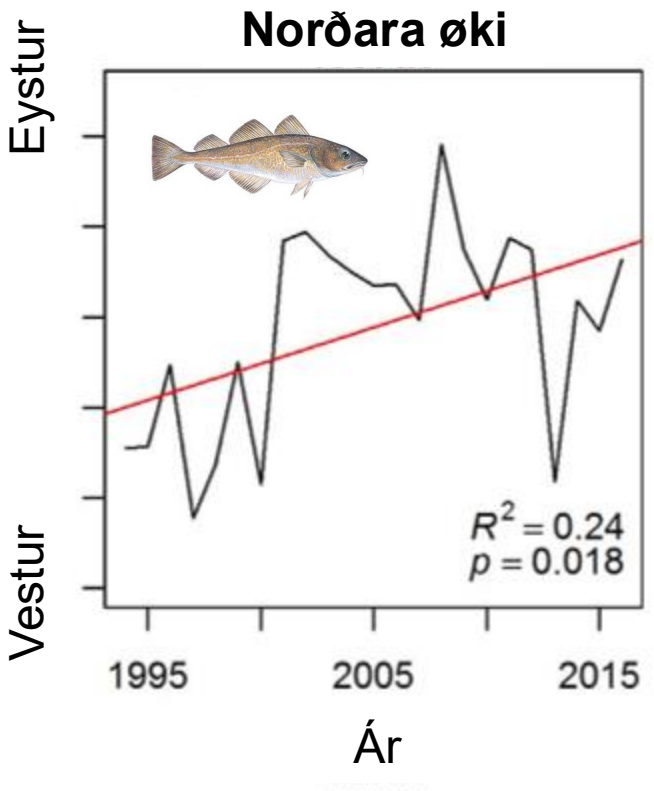
Gýtingarøkir hjá toski á Landgrunninum

Hevur toskur flutt gýtingingarøkir?

Ja, í norðara økinum er gýtingin flutt eystureftir



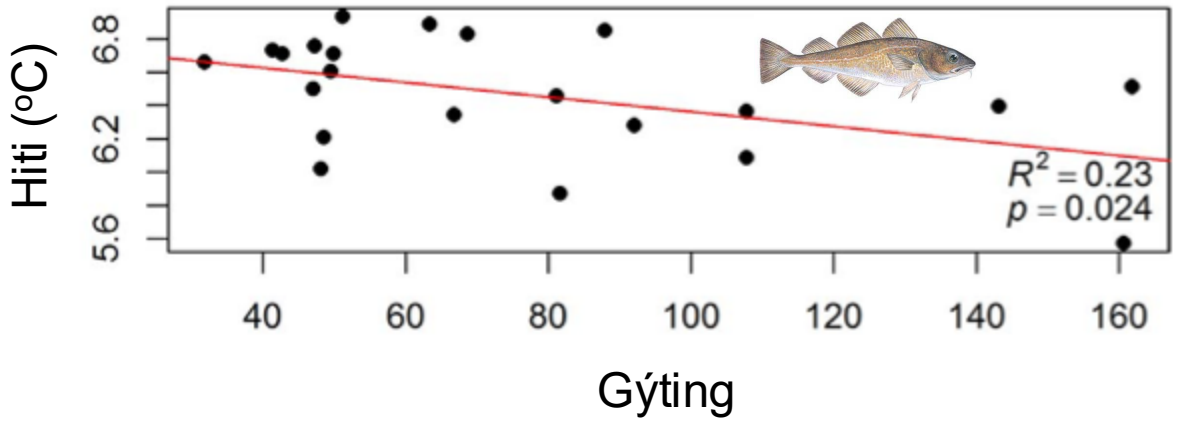




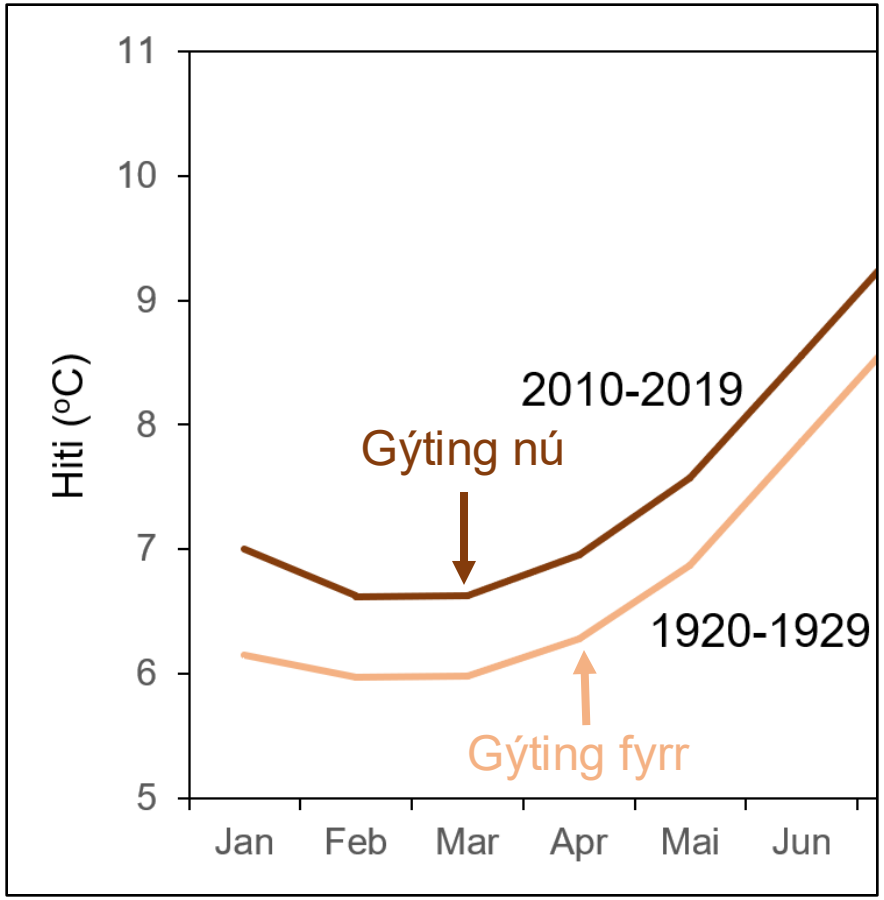
Ottosen et al. 2018

Gýtir toskur fyrr upp á árið?

Ja, og það skyldast øktan hita



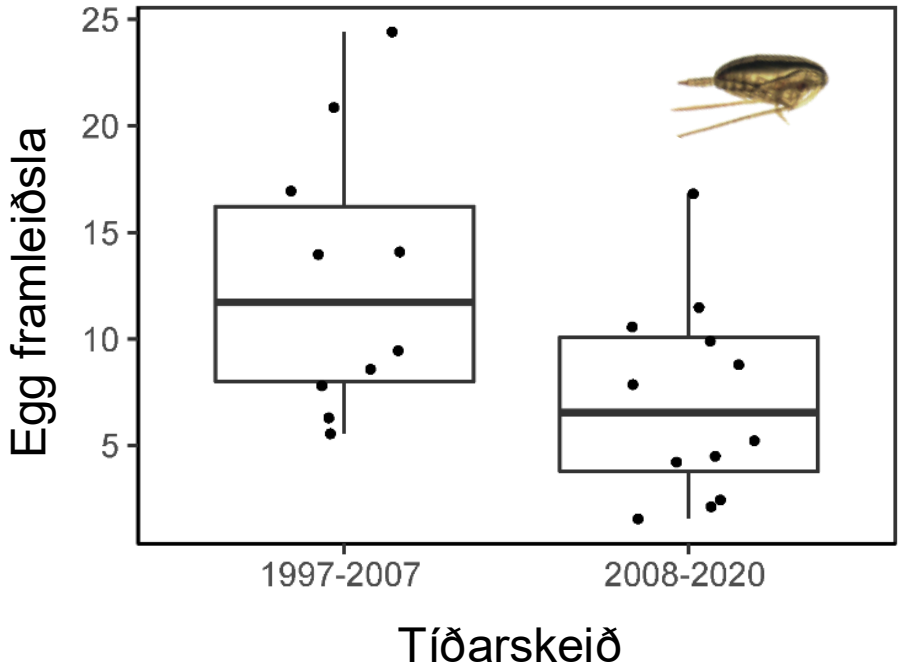
Ottosen et al. 2018



Fiskalarvur stutt eftir kleking í apríl og ymiskt djóraæti

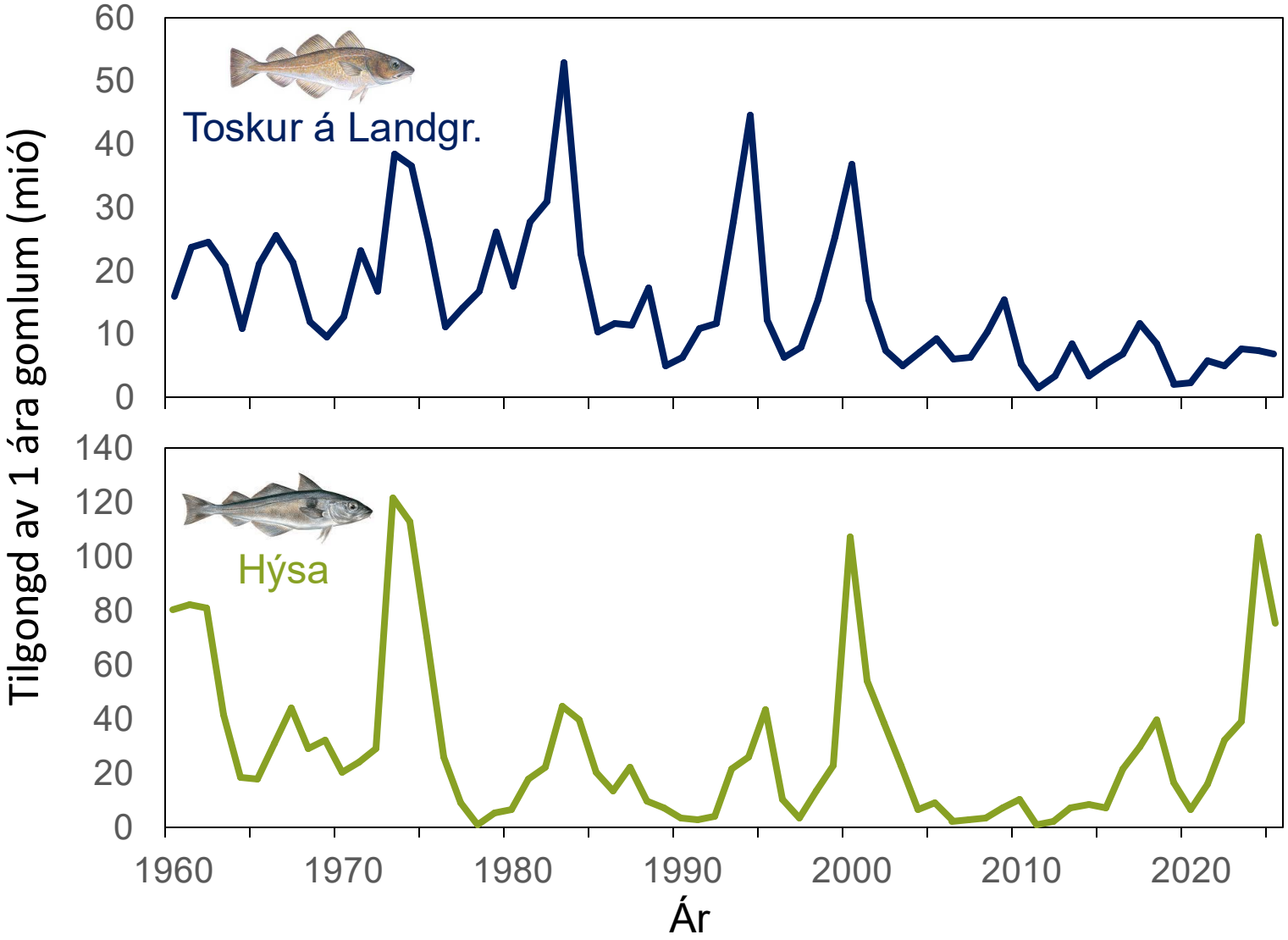
Er gýtingin hjá reyðæti broytt?

Ja, hon er minkað síðst í apríl, men tað er óvist, hví so er



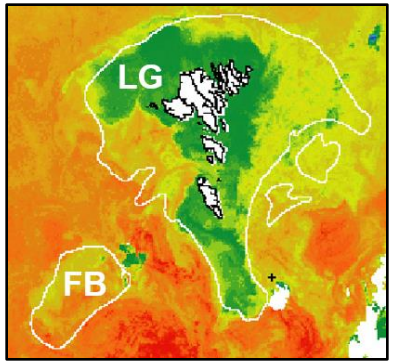
Jacobsen et al. 2022

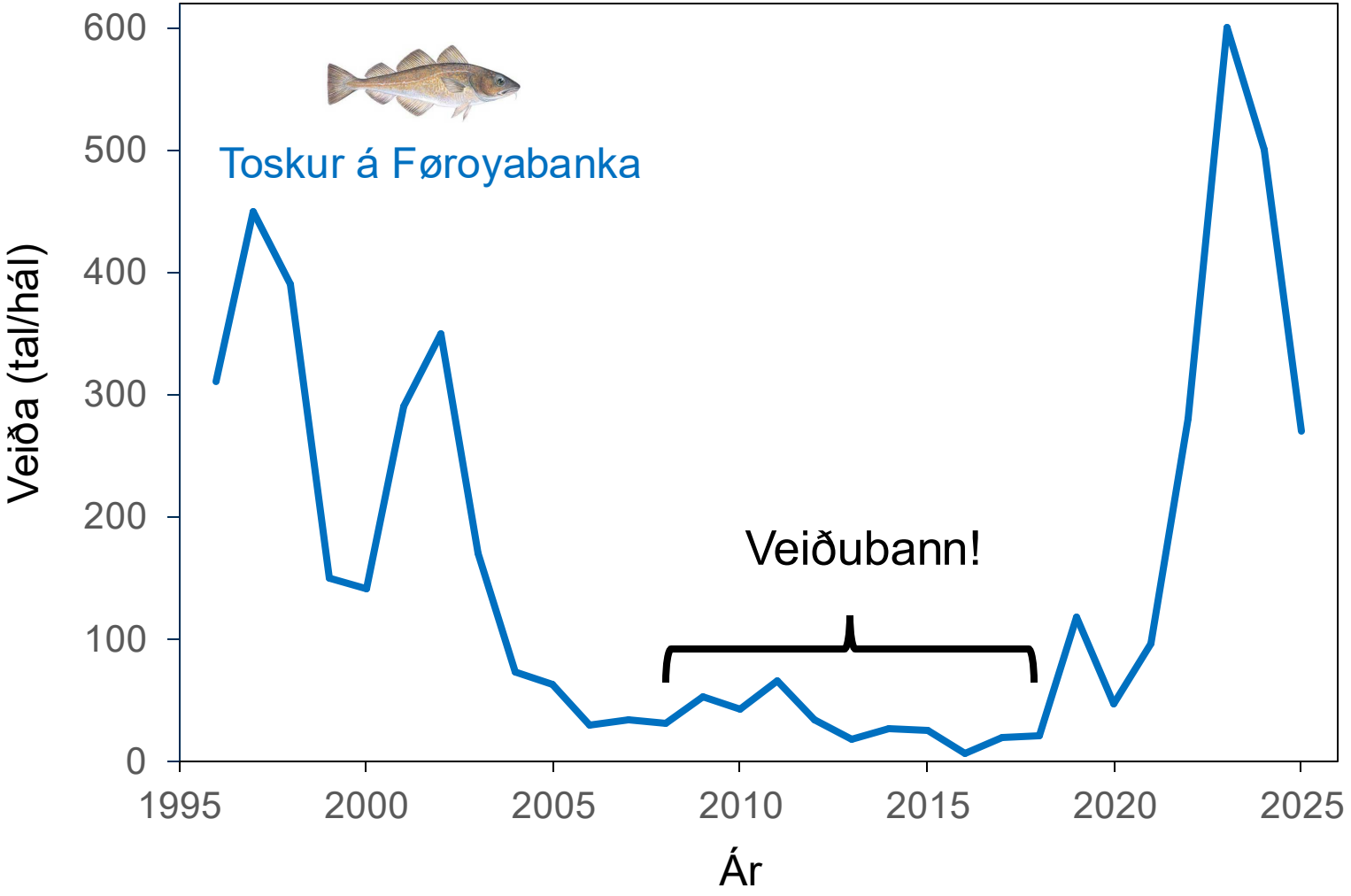
Tilgongd til fiskastovnarnar



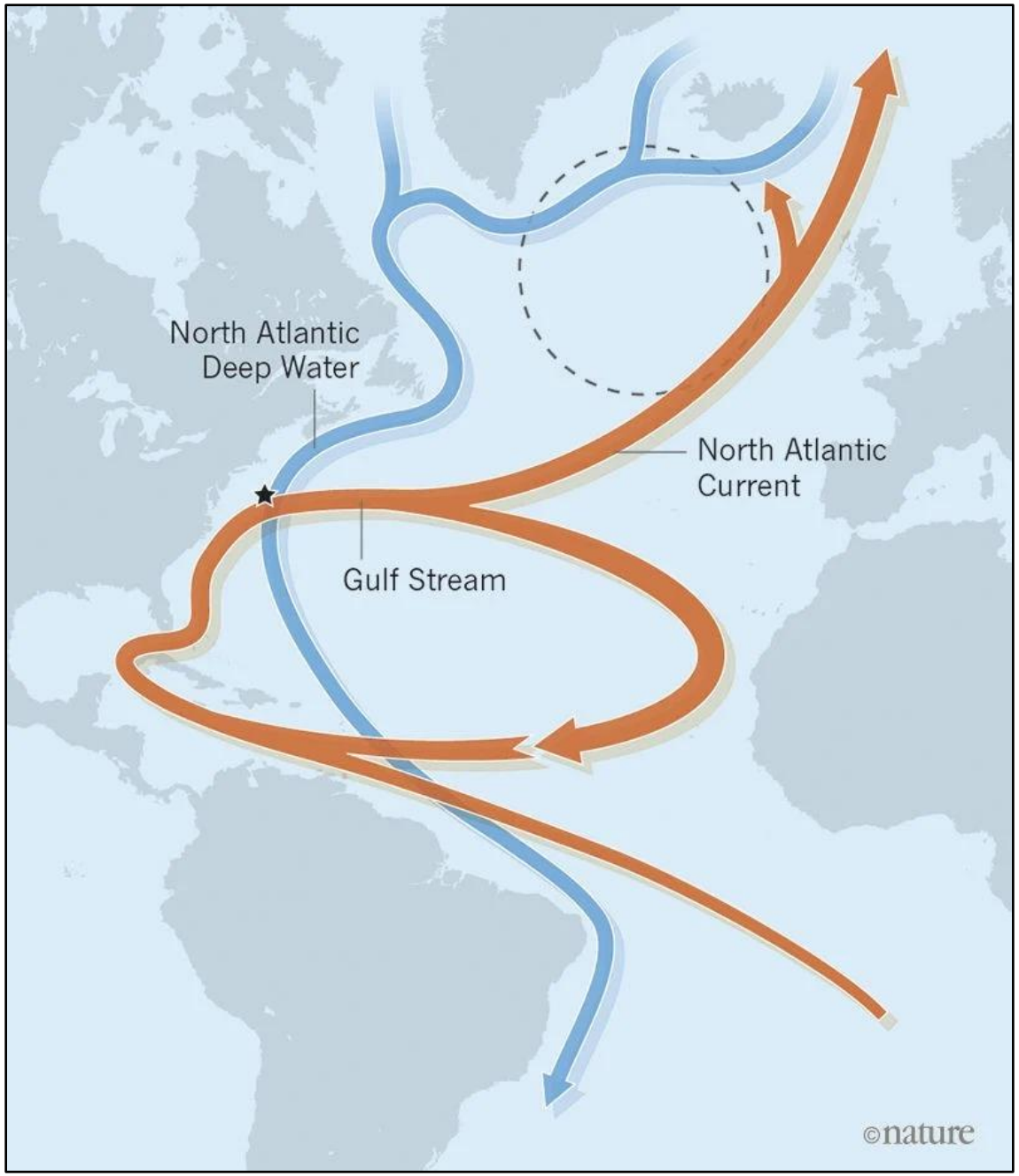
Tolir hýsan betri økta hitan?

Toskur á Føroyabanka





Fer hitin framhaldandi at hækka?



Niðurstøður og útlit

- Grundað hitaøking, hevur toskur á Land-grunninum flutt gýtingarøki og gýtir fyrr
- Gýtingin hjá reyðæti í apríl er minkað
- Langar tíðarrøðir og yvirvøka eru neyðugar fyri at fylgja gongdini, og staðfesta sambond ímillum hitabroytingar og lív í havinum


Takk fyri