

***”Gäddfabriker”
(pike-factories),
the story***



Lars Ljunggren
Sportfiskarna

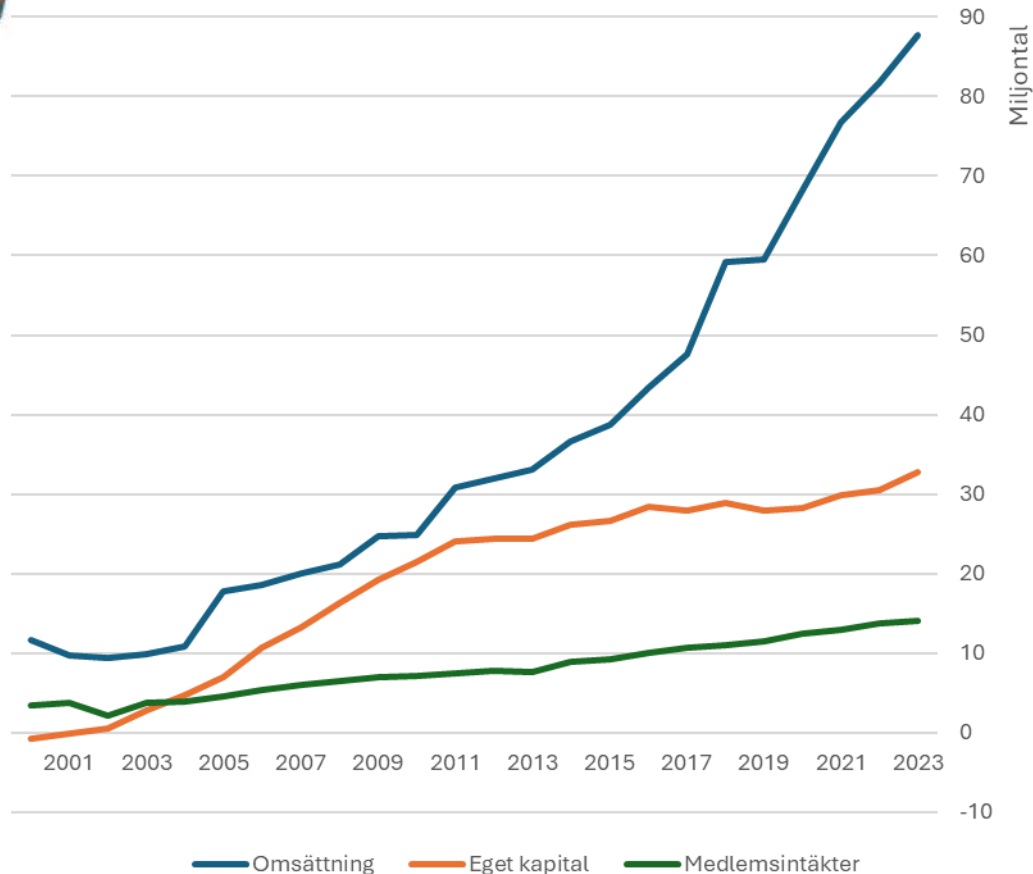
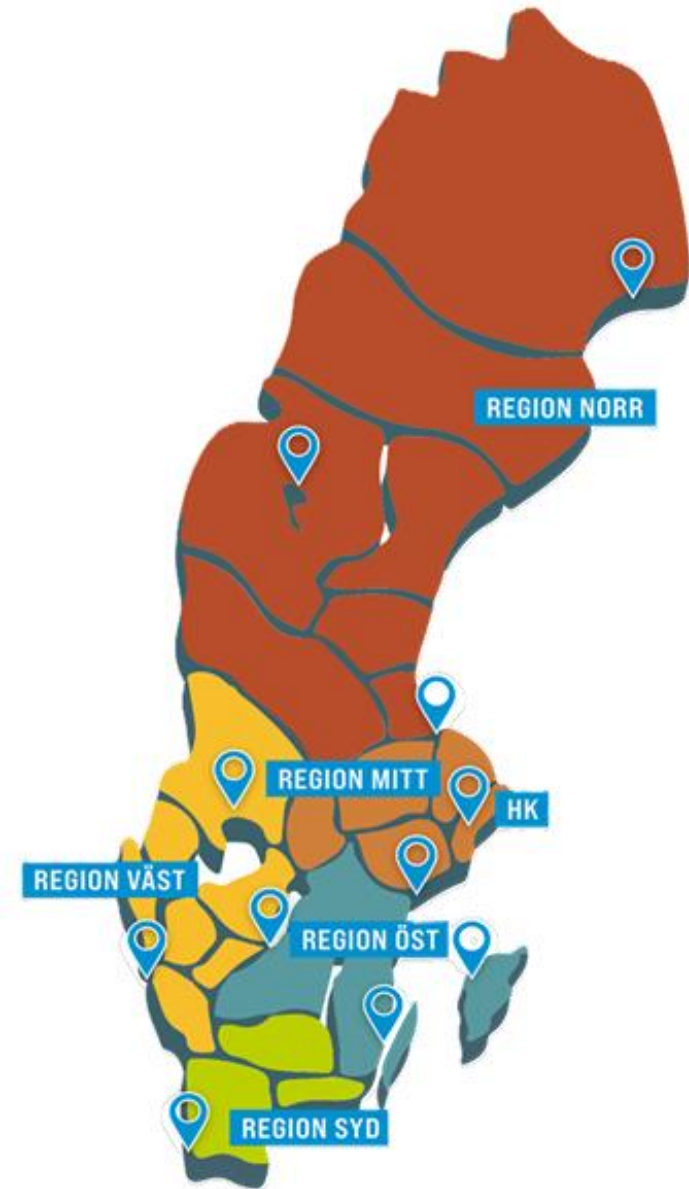
Swedish Anglers Association



- 11 offices
- +70 employees
- 74 000 members
- 440 member organisations
- Mission statement:
"Sustainable fishing in healthy waters – for everyone."

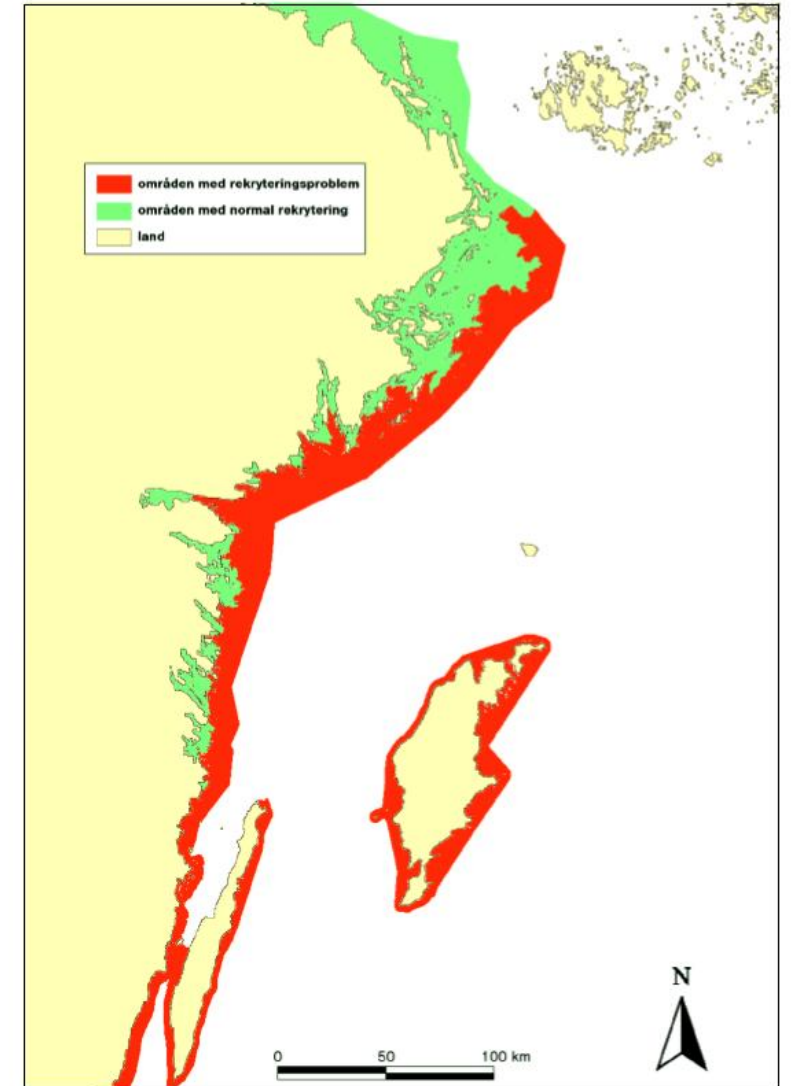


- 11 angling organisations from 11 countries
- ~1,3 million members
- Brussels office



2003 –recruitment problem for coastal predators

- "Recruitment of pike & perch is almost zero in the outer archipelago areas"

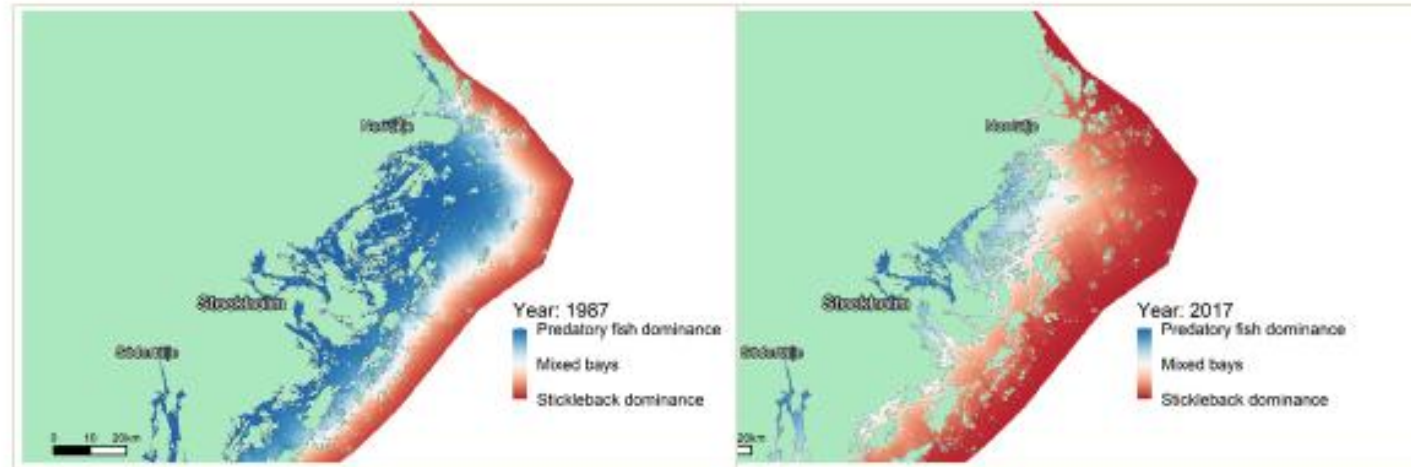
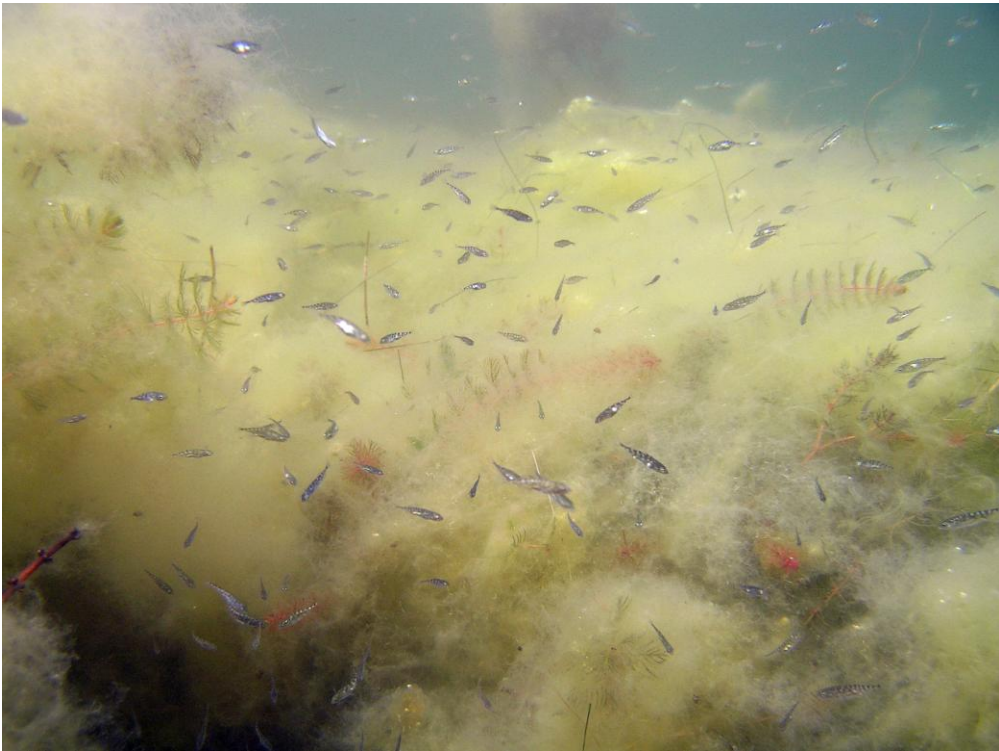


Figur 26. Översiktlig sammanställning av abborrens rekryteringsframgång. Inom det röda området (Östersjö kustens yttre skärgård) förekommer lokaler med rekryteringsstörningar av abborre. Rekryteringsområden inom de gröna områdena (Östersjö kustens inner- och mellanskärgårdar samt Bottenhavskusten) anses i huvudsak fungera normalt.

Large scale problems



Spiggvågen smyger in i skärgården





- Large herring is (was...) the major predator on sticklebacks

Can we still work with local measures?



2006-2010

"Pilotprojekt kustfiskevård"

Våtmarker som rekryteringsområden
för gädda i Östersjön

erfarenhet och rekommendationer från ett
forskningsprojekt



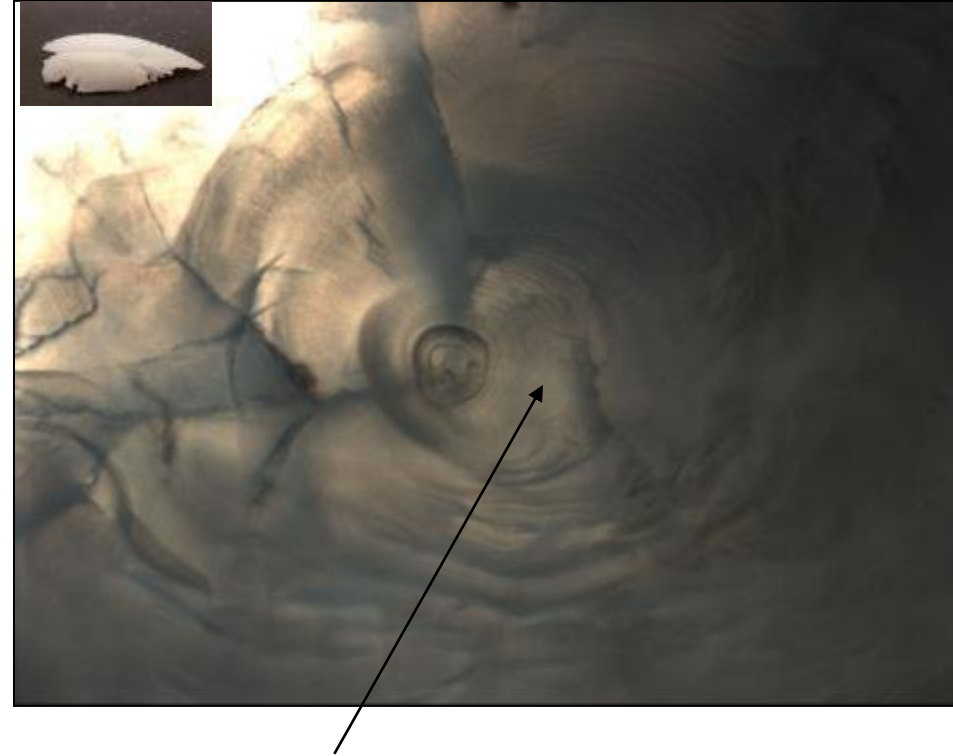
LARS LJUNGGREN
JENS OLSSON
Fiskeriverket
JONAS NILSSON
PATRIK STENROTH
PER LARSSON
OLOF ENGSTEDT
Linnéuniversitetet
TOBIAS BORGER
Länsstyrelsen i Kalmar län
OLOF SANDSTRÖM
Skutab

- Swedish board of fisheries
- County administrative board Kalmar
- Linné university
- Municipality of Mönsterås
- Municipality of Kalmar
- Landowners

***Optimal environment is the key
Size matters
Stickleback free area..***

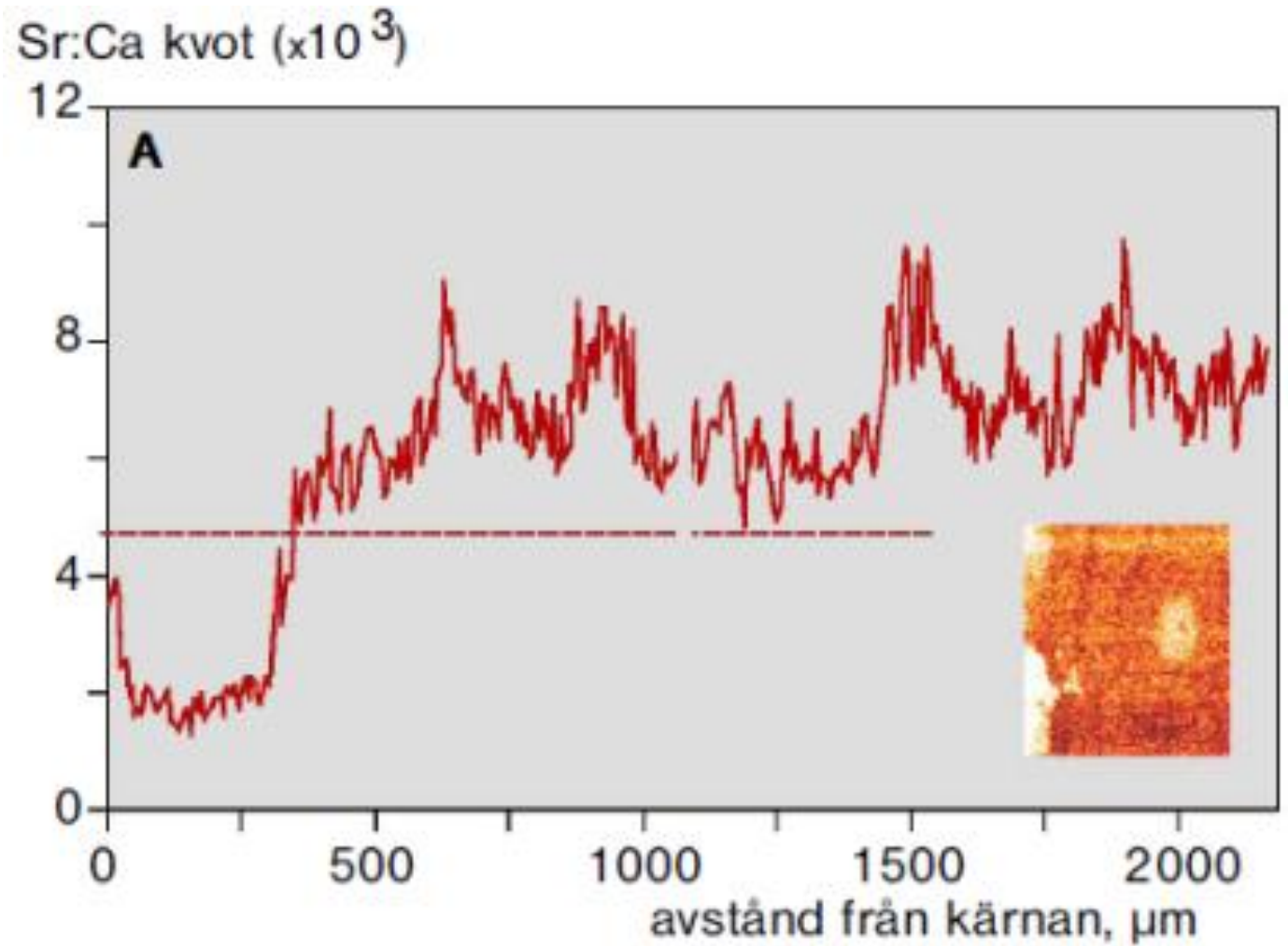


Otolith analyzes



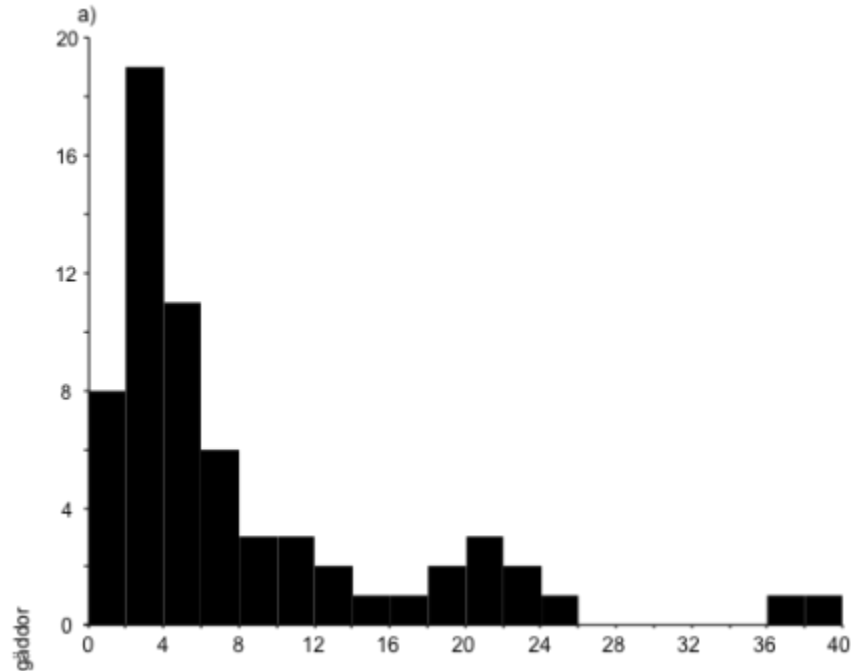
Going back in time..

Otolithstudy



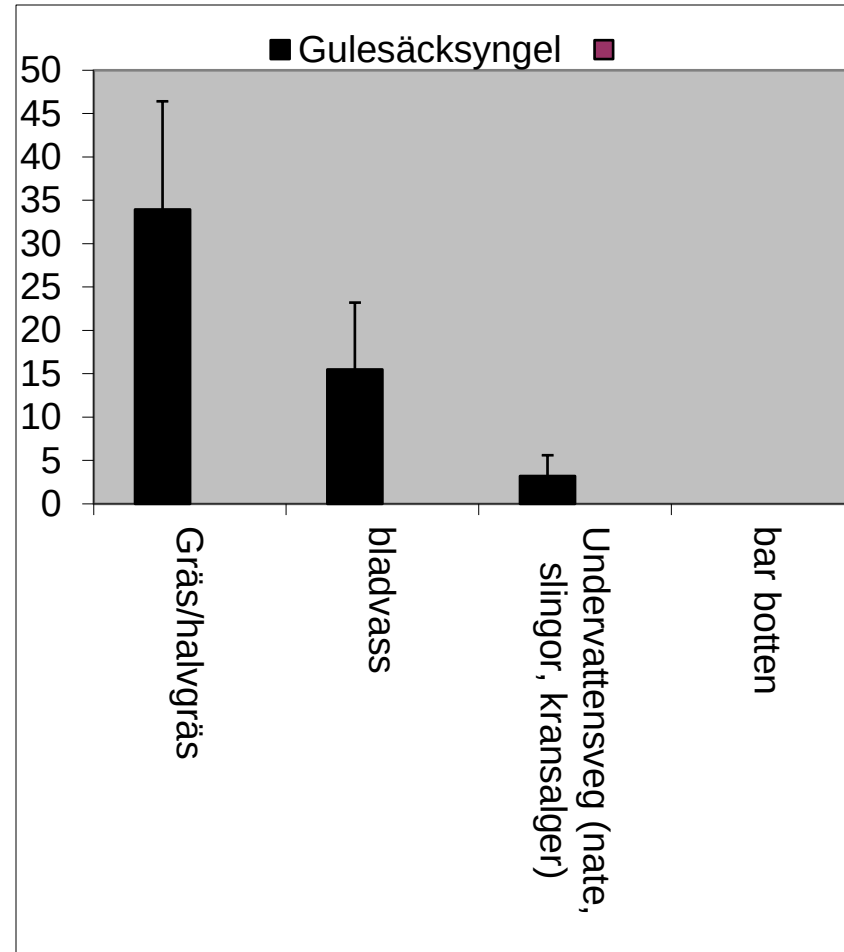
About 50% of the pikes along the coast had origin from freshwater

Size when leaving freshwater



- Based on the adults collected, most pike leave freshwater in a small size,
- but they are not safe for predation from sticklebacks until 3-4 cm

Habitat of juveniles

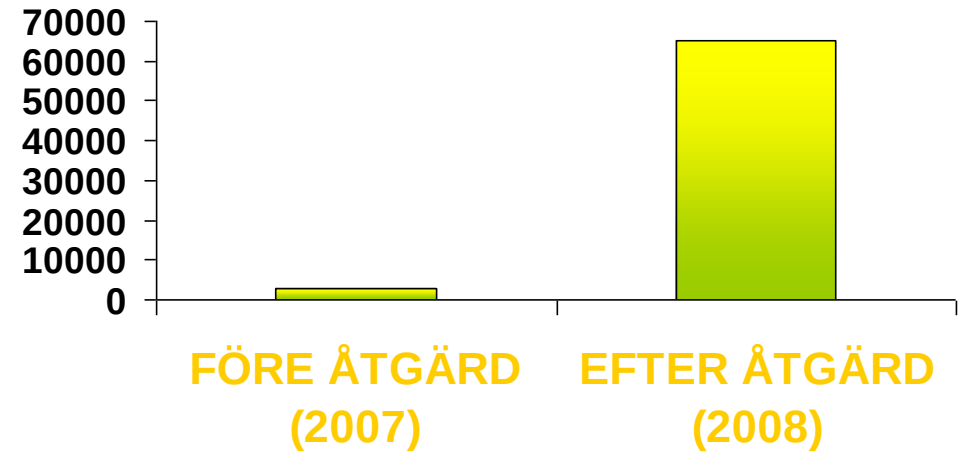


2009 Swedish Anglers Association arranges the conference
"Fiskevården o gäddan"



"Gäddfabrik"

UTVANDRING AV GÄDDYNGEL



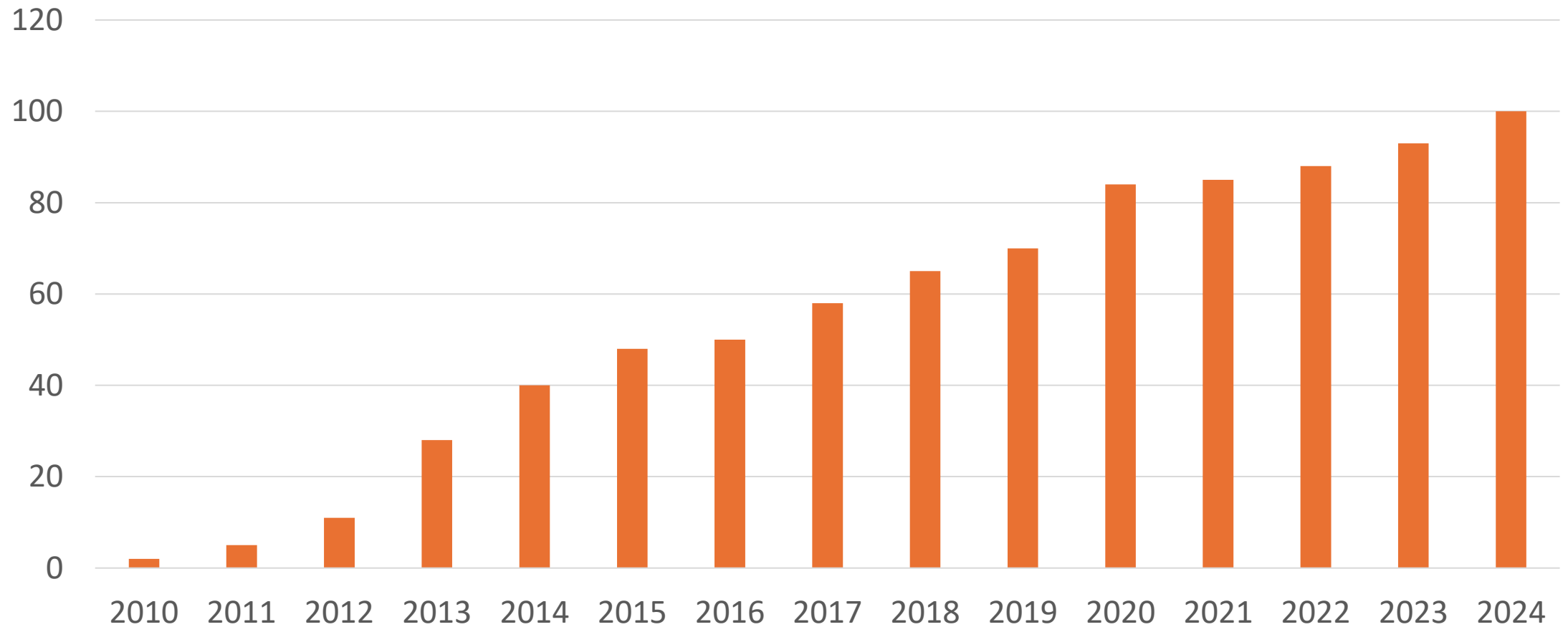
SportFiskarna

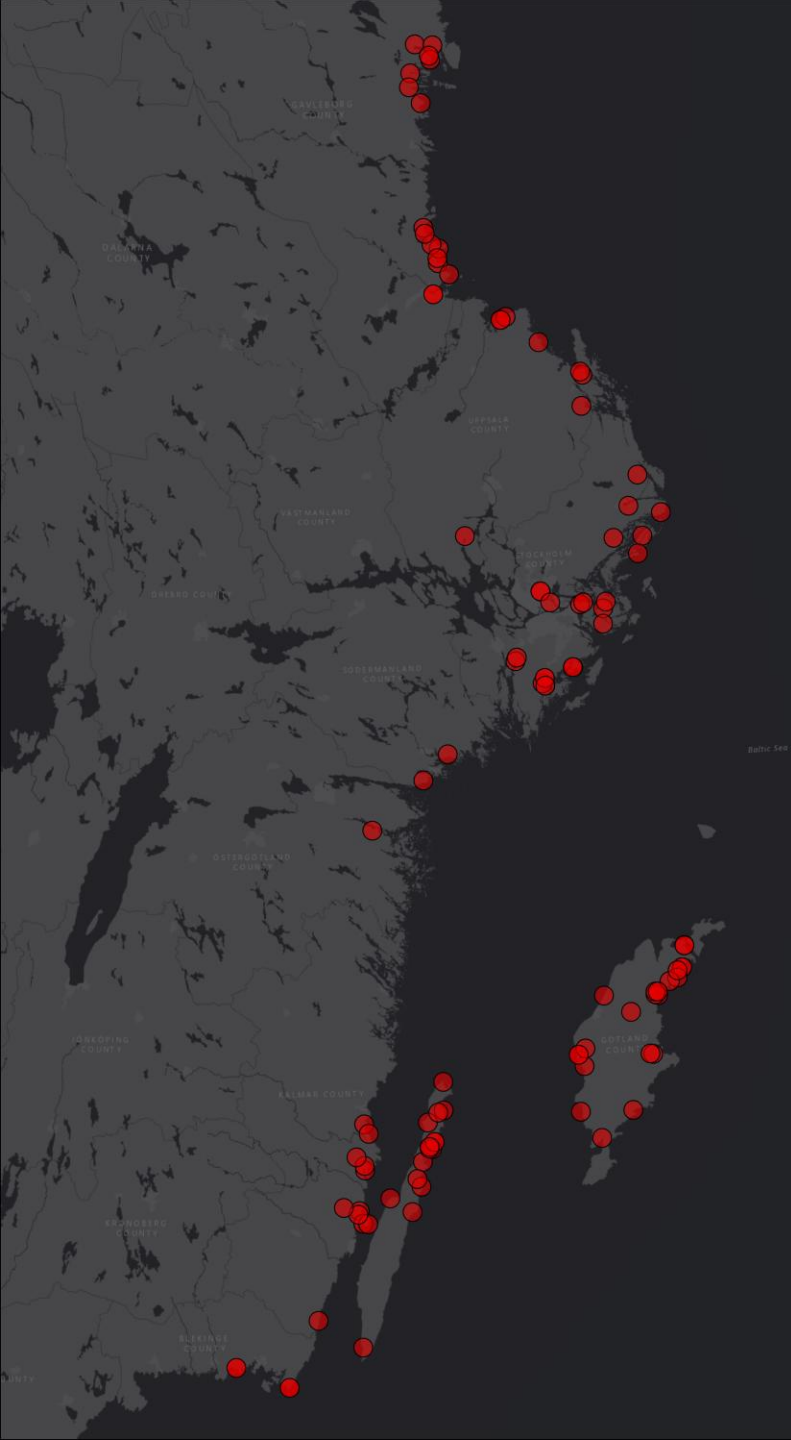
Snäckstavig 2010
Swedish Anglers
Association's
first
“pikefactory”



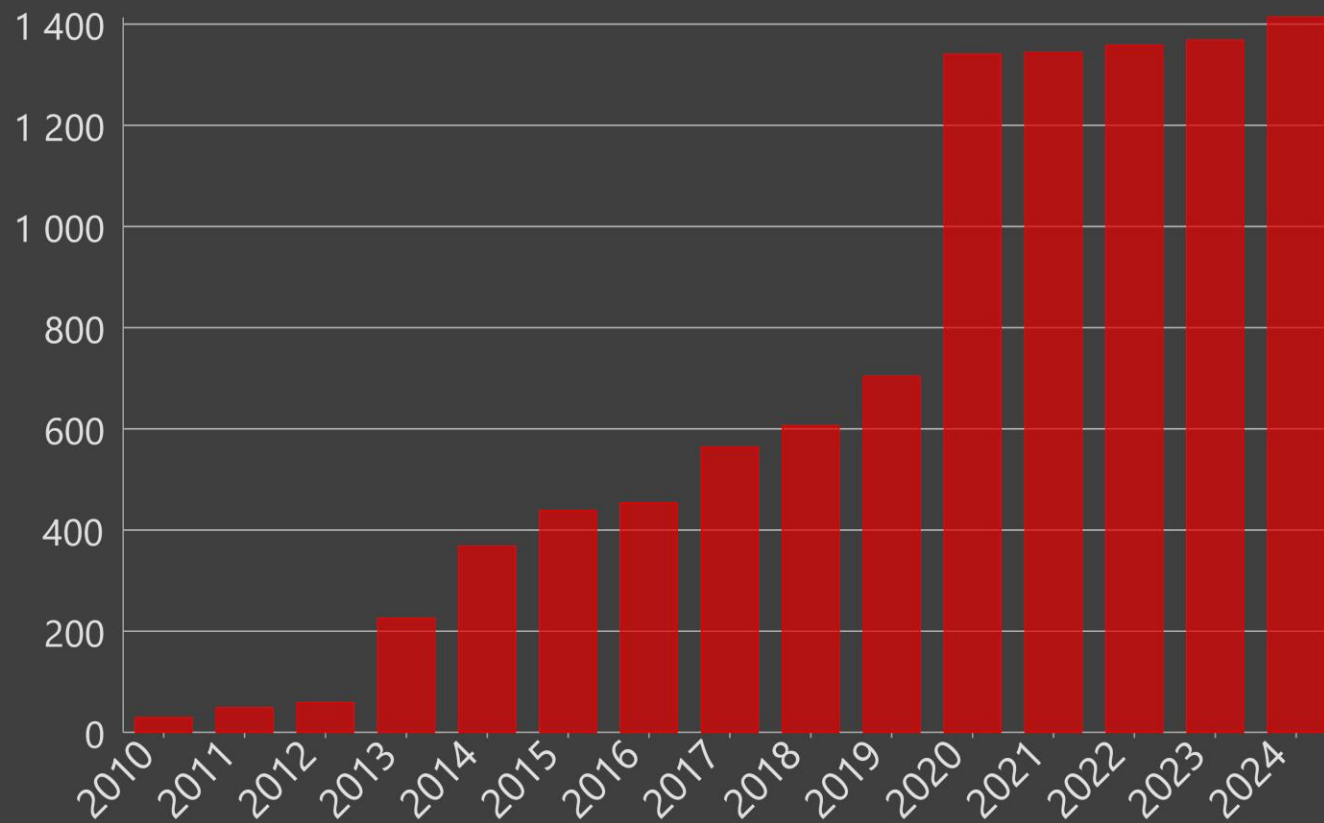


Total numbers of wetlands+ opened migratory ways to promote pike recruitment

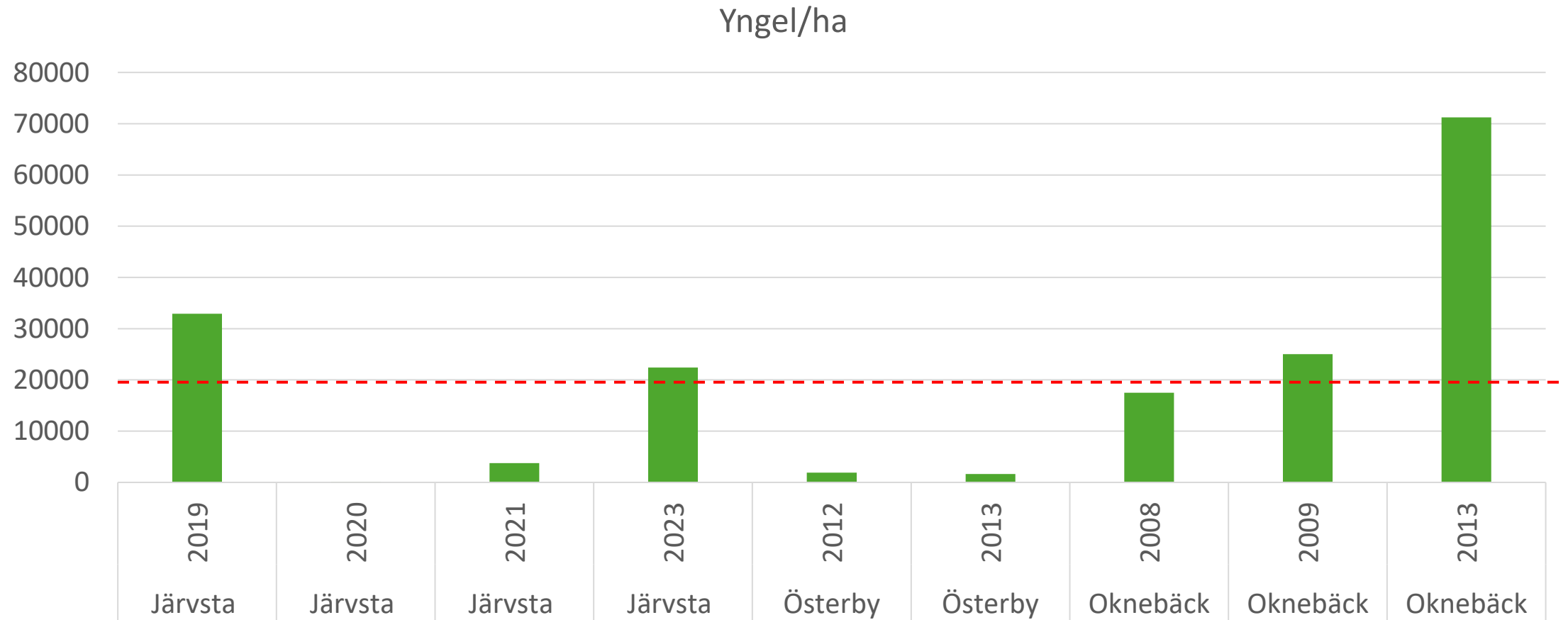




Kumulativ area (hektar)

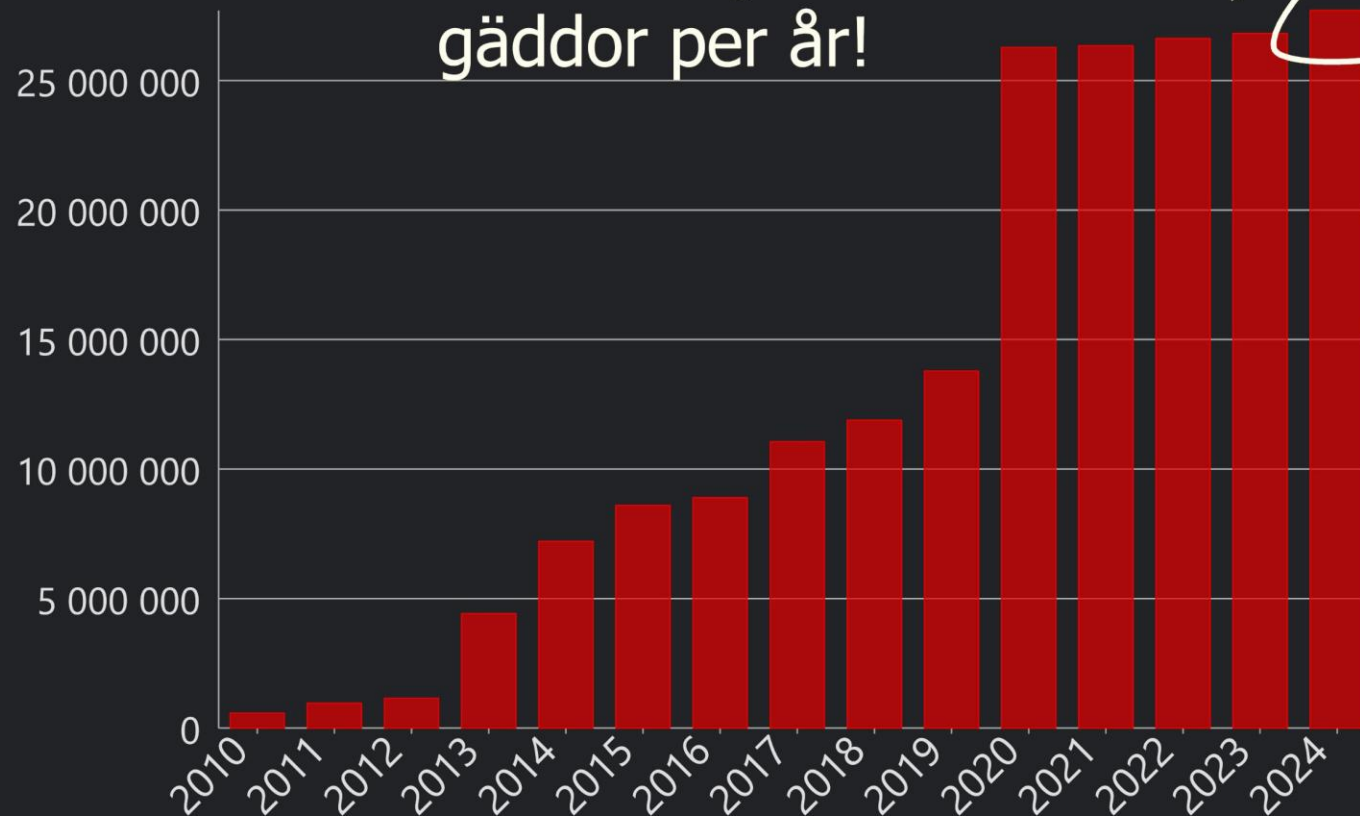


How many pikes are produced in a wetland?



Gäddproduktion (antal)

ca: 28 miljoner
gäddor per år!



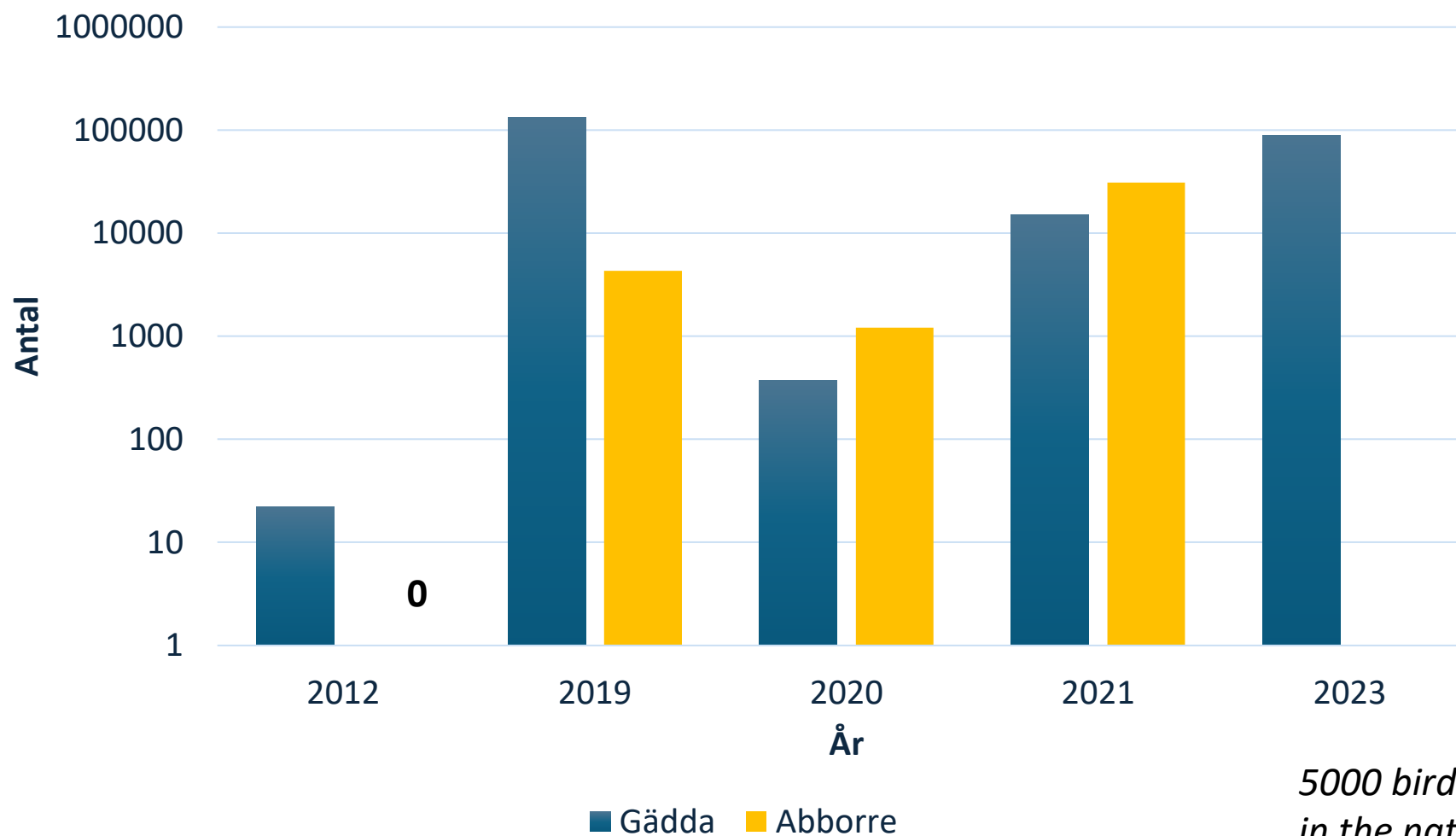
100.000.000 gäddyngel?





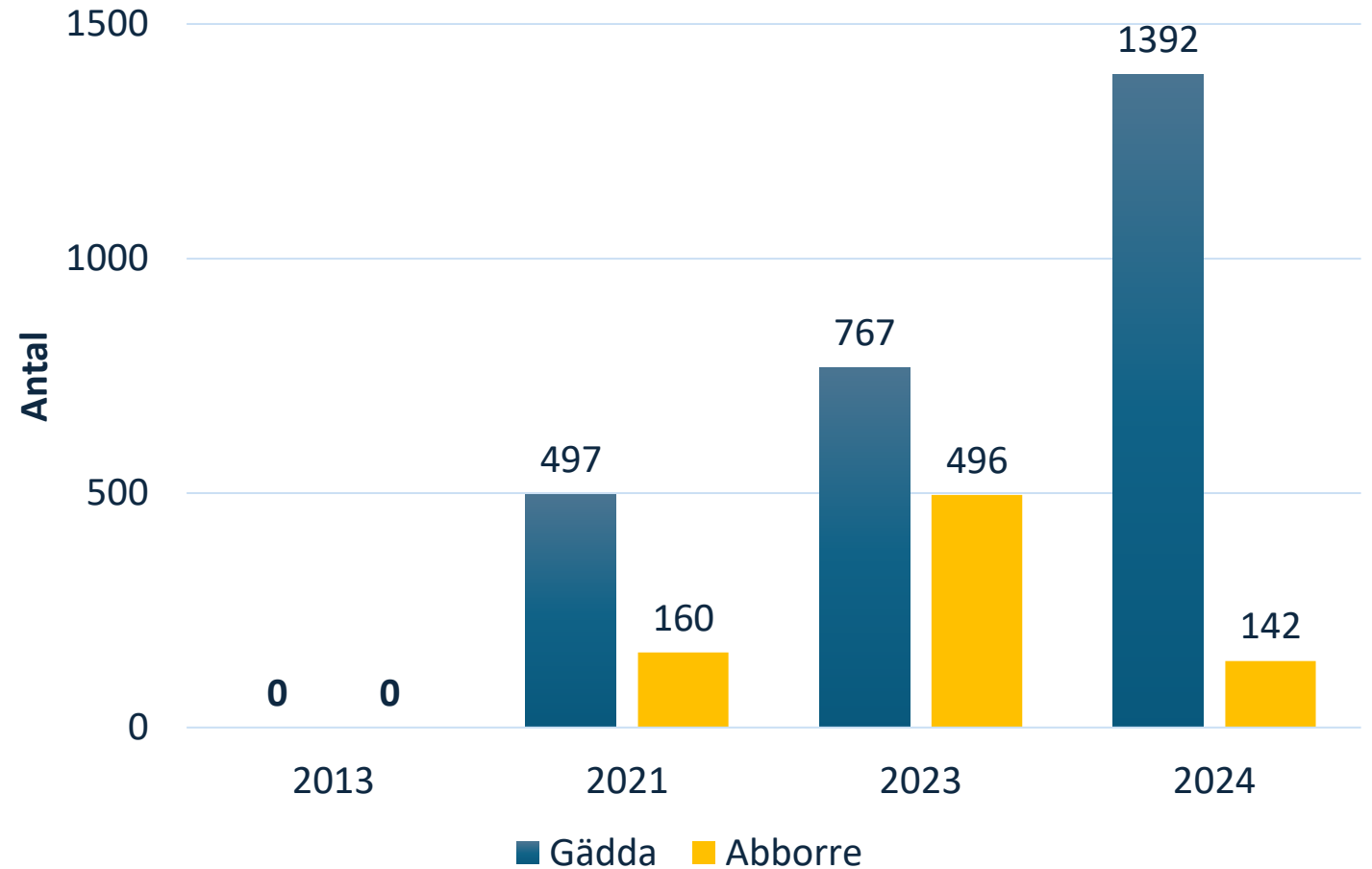


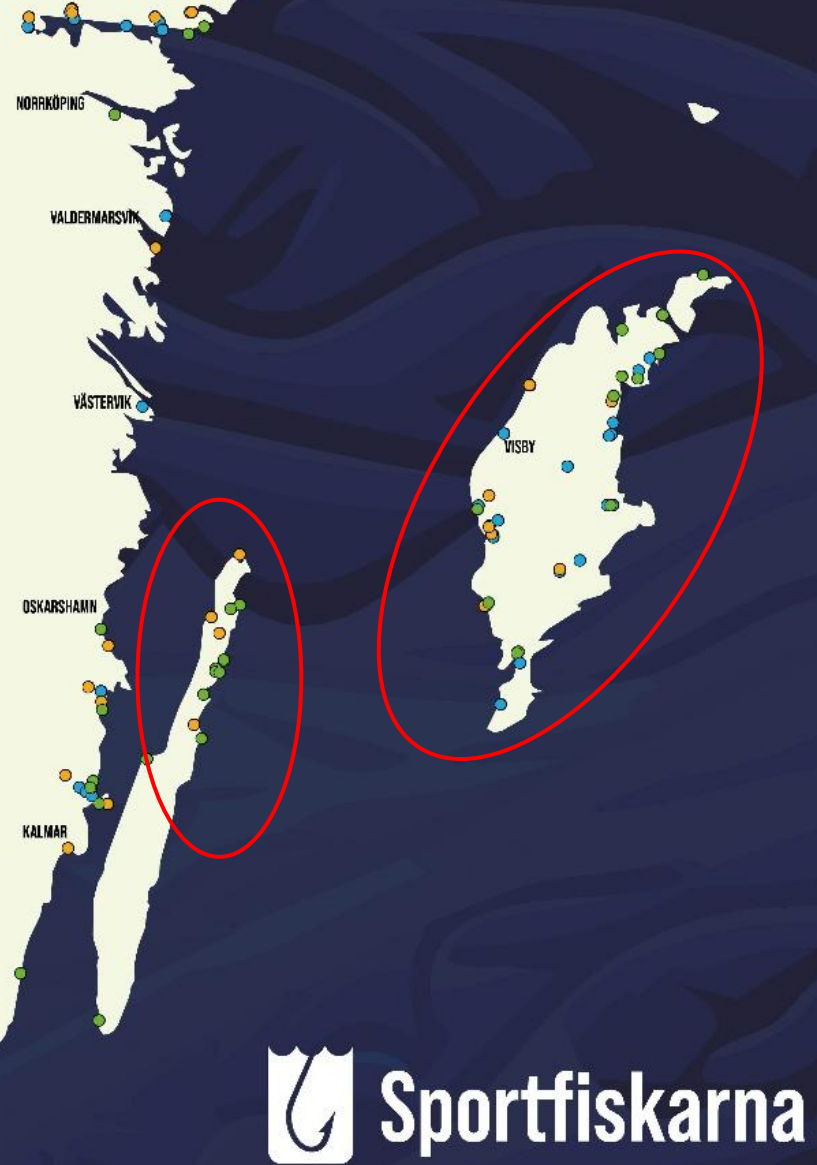
Juveniles migrating to the coast



*5000 bird observations
in the national species portal*

Adult fish migrating back for spawning









Tack alla kollegor, finansiärer och samarbetspartners!



Havs
och Vatten
myndigheten



Naturskyddsföreningen



Sparbankerna



Kolsvart®



Länsstyrelsen
Blekinge



Länsstyrelsen
Gotlands län



Länsstyrelsen
Kalmar län



Länsstyrelsen
Stockholm



CHRIS WINE
& SPIRITS



Länsstyrelsen
Uppsala län



Länsstyrelsen
Norrbotten



Länsstyrelsen
Östergötland



Länsstyrelsen
Västernorrland



Länsstyrelsen
Södermanlands län

VATTENFALL



StoraEnso



SSAB

DIDRIKSONS

CATENA

