

# AEWA European Goose Management Platform



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## Taiga Bean Goose Session

***EGMP POPULATION STATUS AND OFFTAKE ASSESSMENT REPORT 2024***  
***Dr. Fred Johnson***

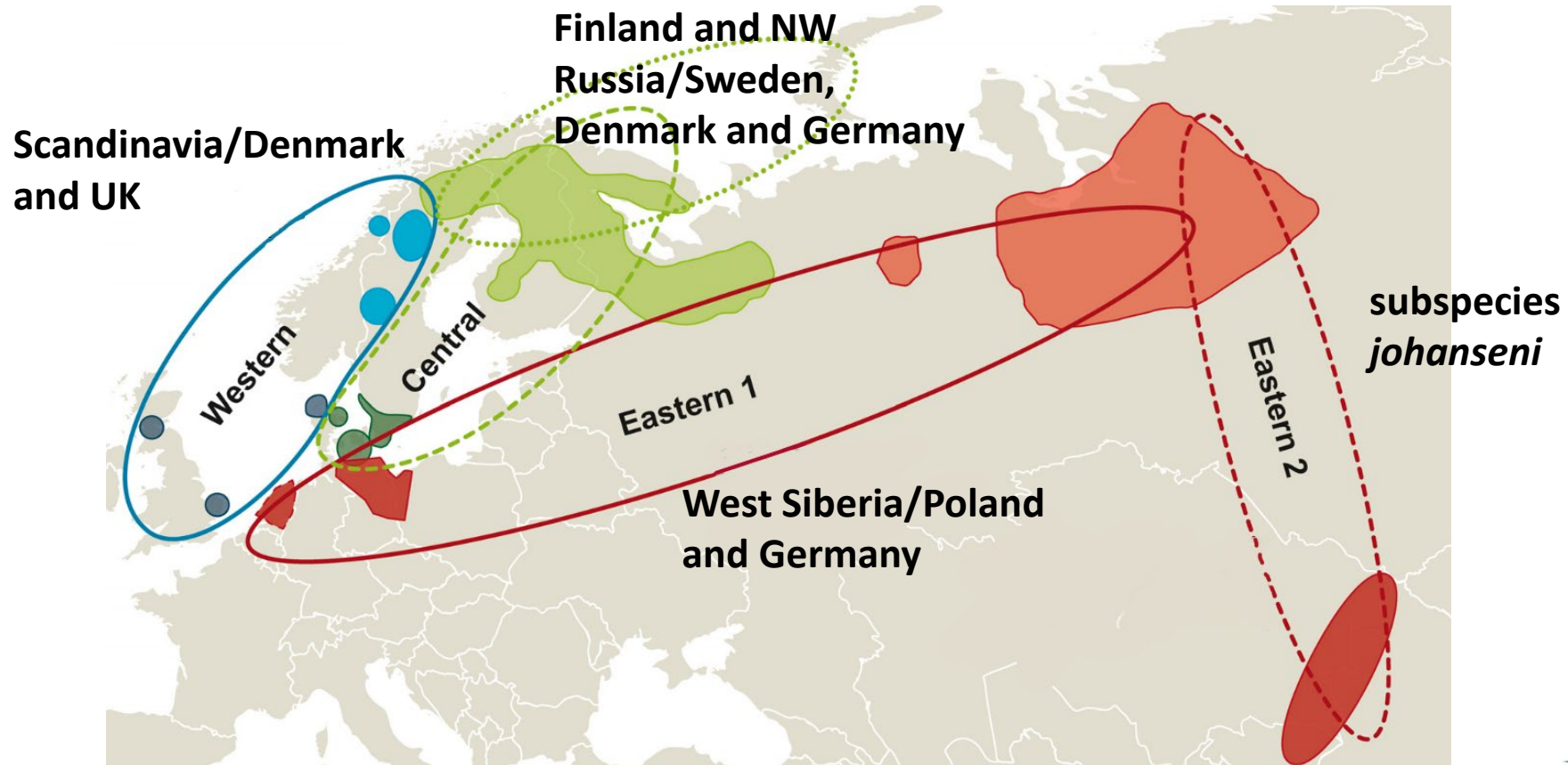
EGM IWG9 \* 18-20 June 2024 \* Tromsø, Norway



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Doc. AEWA/EGMIWG/9.8

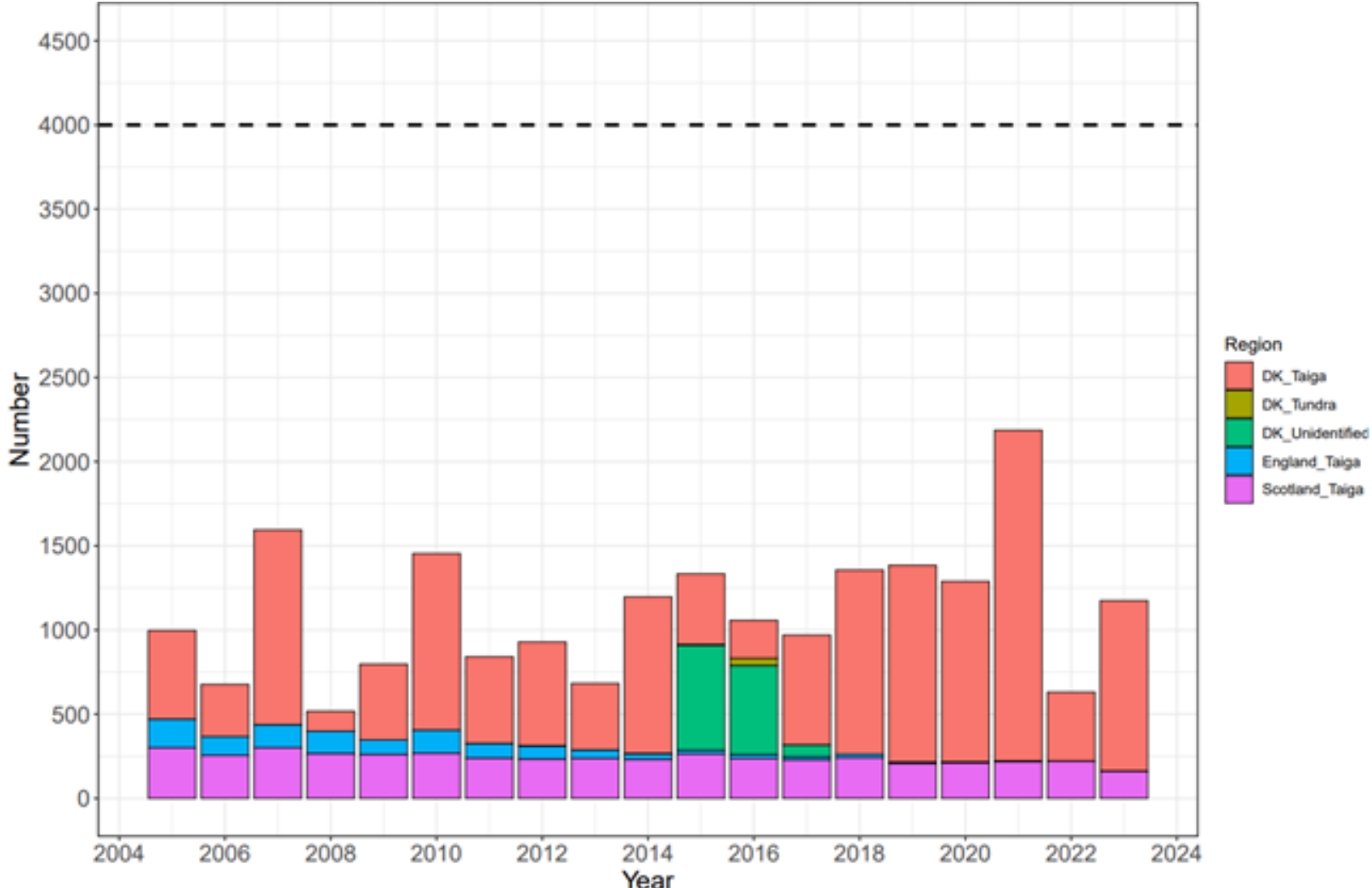
## Management units are now “populations”



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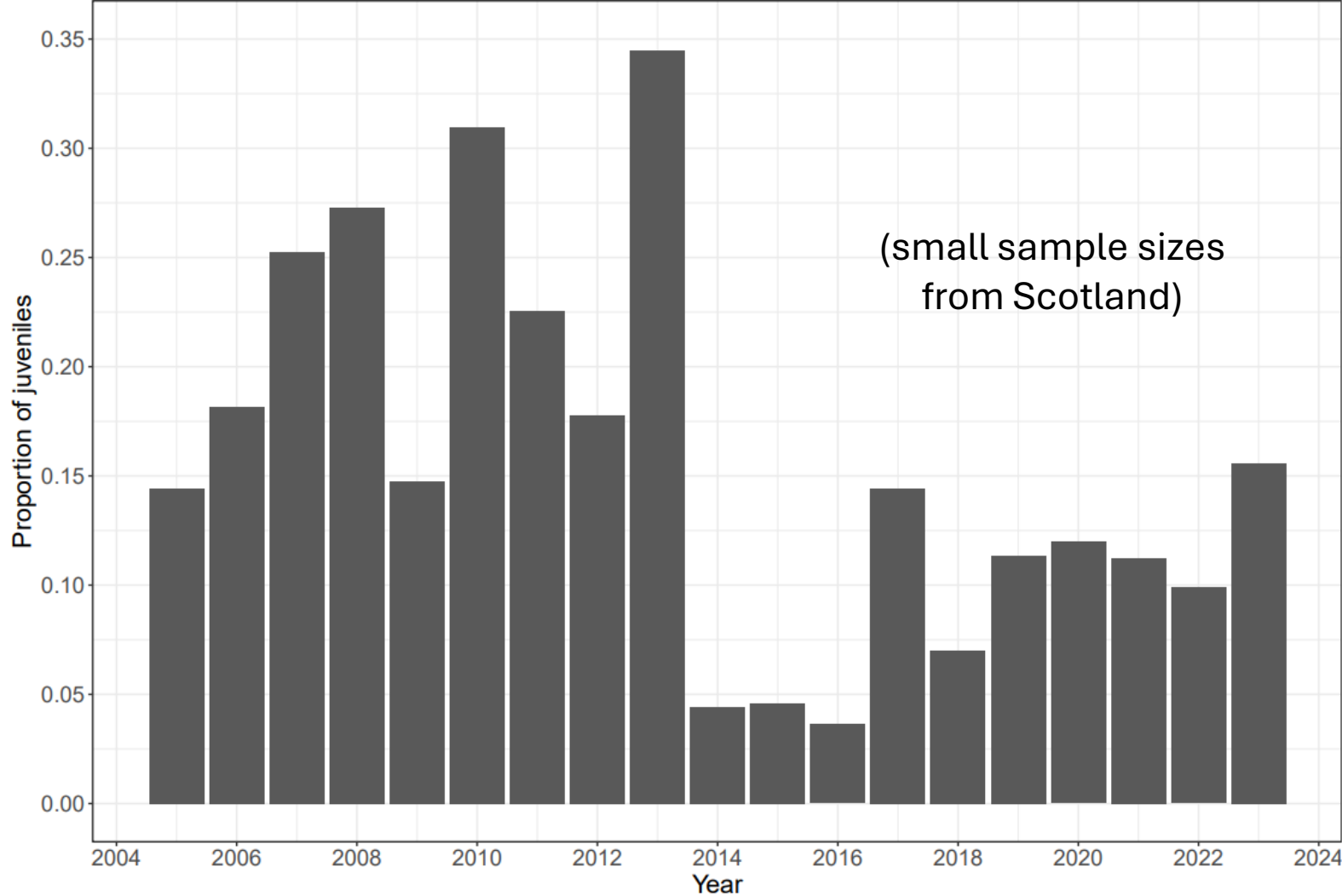
## Scandinavia/Denmark and UK (“Western”)



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## Scandinavia/Denmark and UK ("Western")



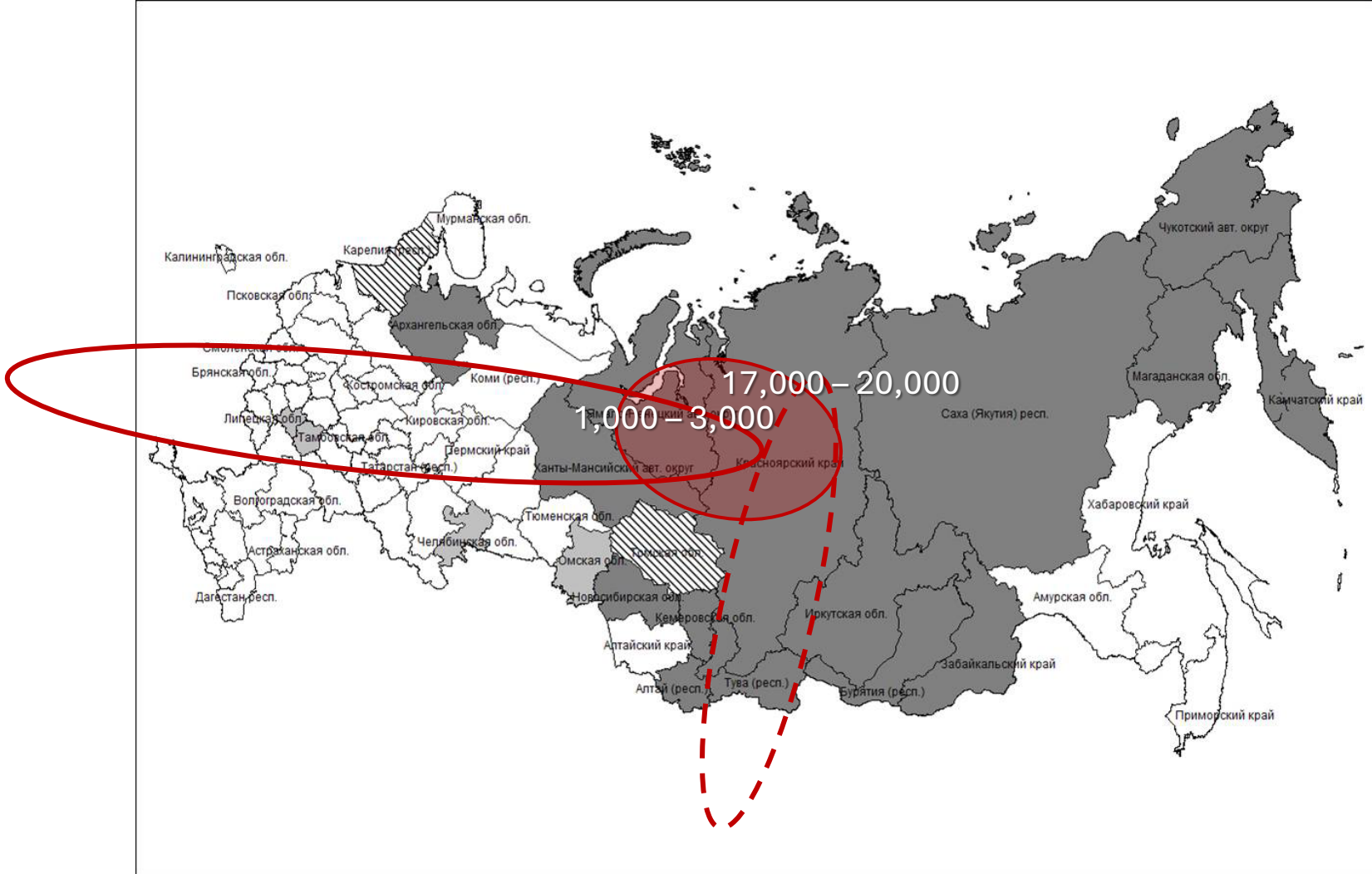
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## West Siberia/Poland and Germany (“Eastern 1”) and Eastern 2



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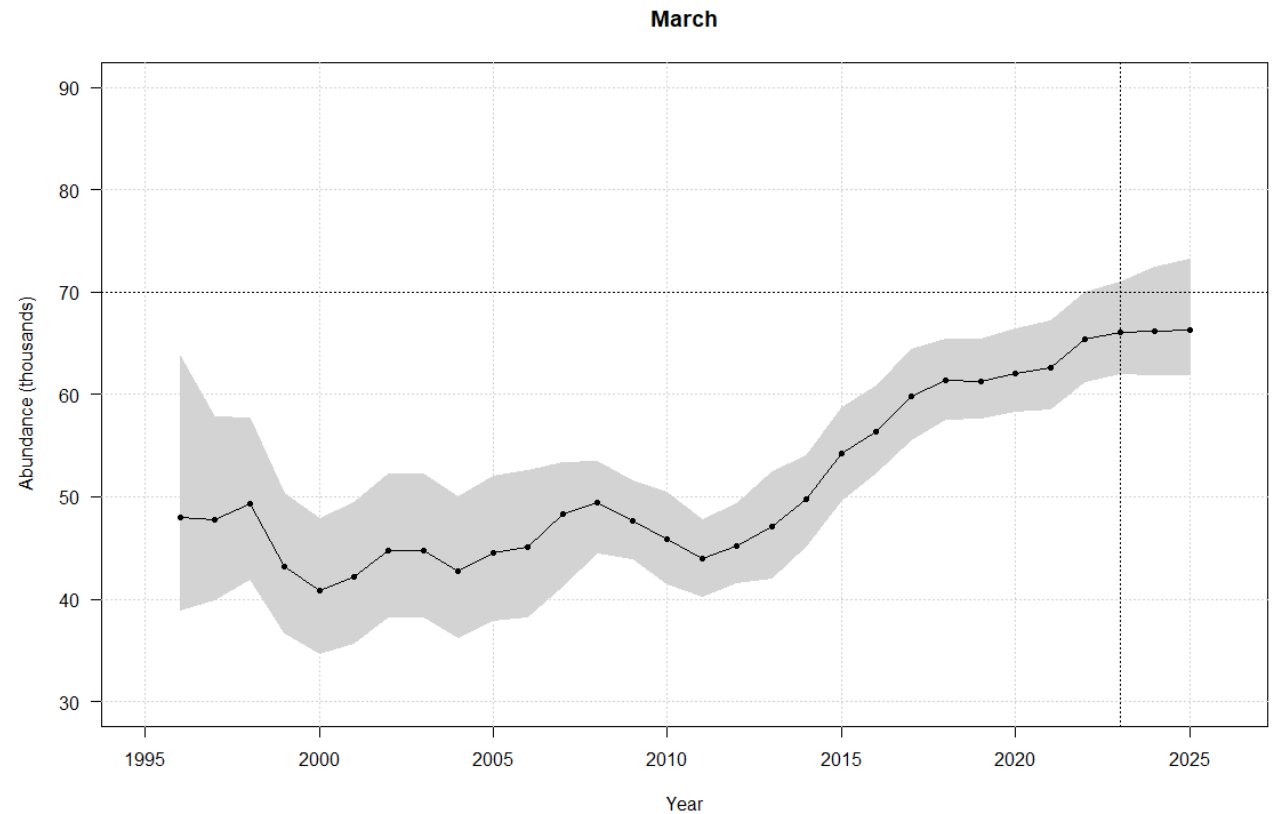
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## Finland and NW Russia/Sweden, Denmark and Germany (“Central”)

The situation last year:

- slowing of population growth rate
- approaching median target of 70k
- population likely to stabilize with harvest of 1,000
- previous 2-year harvests <200 birds



## Finland and NW Russia/Sweden, Denmark and Germany (“Central”)

Received: 26 February 2022 | Revised: 23 August 2022 | Accepted: 21 September 2022 | Published on: 27 October 2022

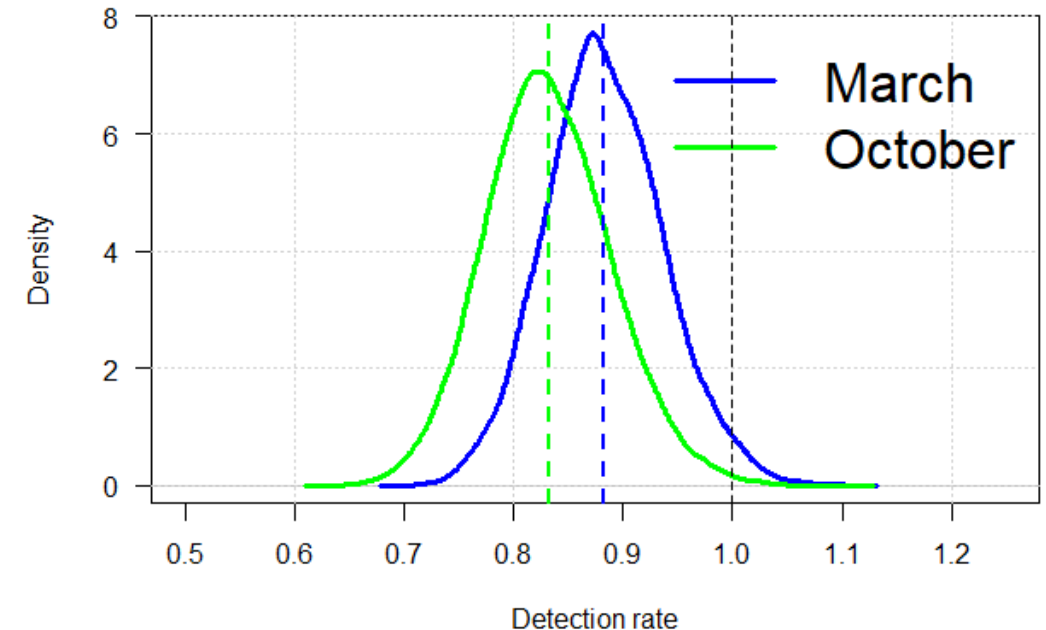
DOI: 10.1002/1438-390X.12143

ORIGINAL ARTICLE

Population Ecology WILEY

### When and where to count? Implications of migratory connectivity and nonbreeding distribution to population censuses in a migratory bird population

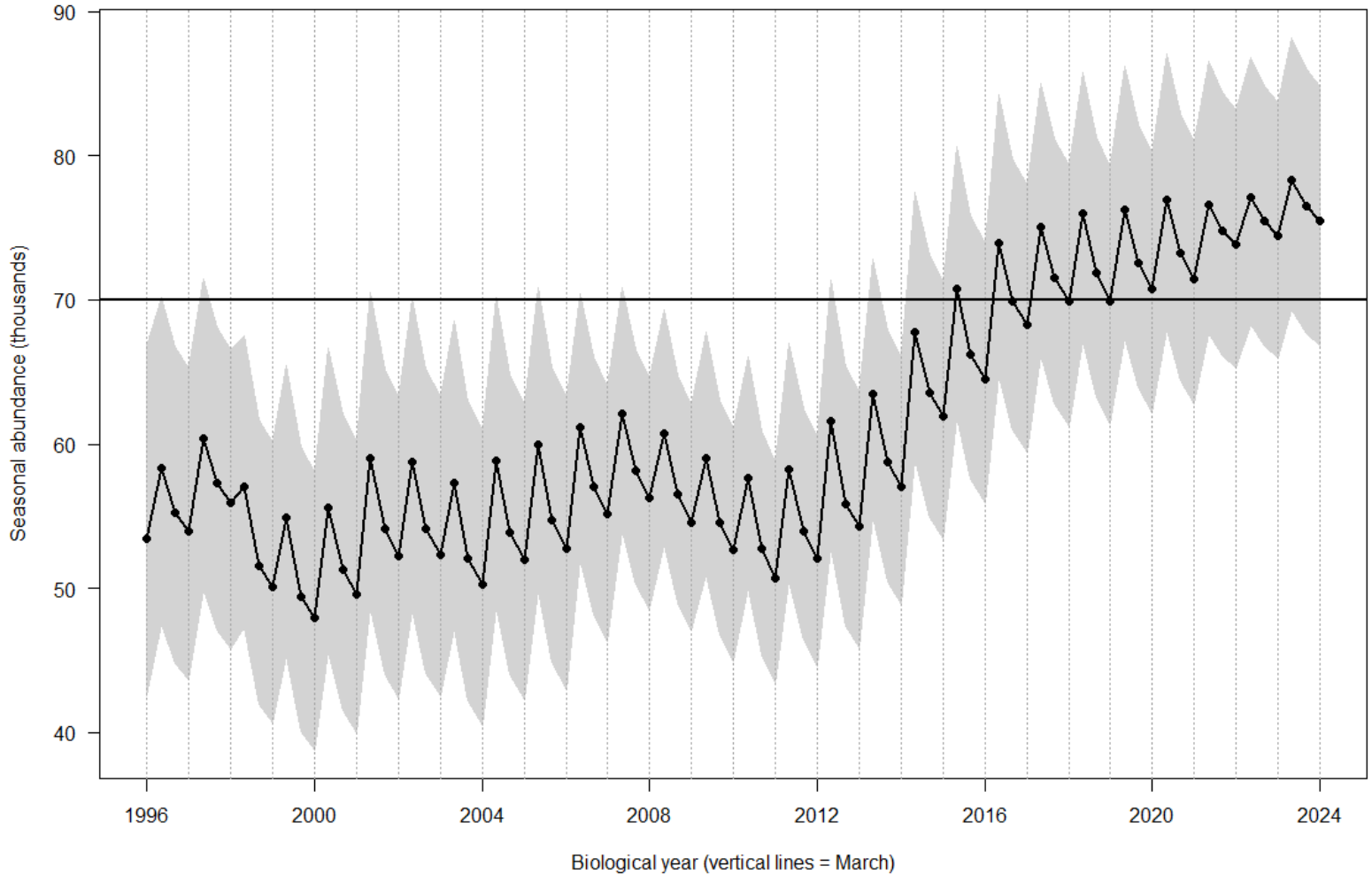
Antti Piironen<sup>1</sup> | Anthony D. Fox<sup>2</sup> | Hakon Kampe-Persson<sup>3</sup> |  
Ulf Skjellberg<sup>4</sup> | Ole Roland Therkildsen<sup>2</sup> | Toni Laaksonen<sup>1</sup>



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## Finland and NW Russia/Sweden, Denmark and Germany (“Central”)



March 2024 Population:  
75,363 (66,829 – 84,837)

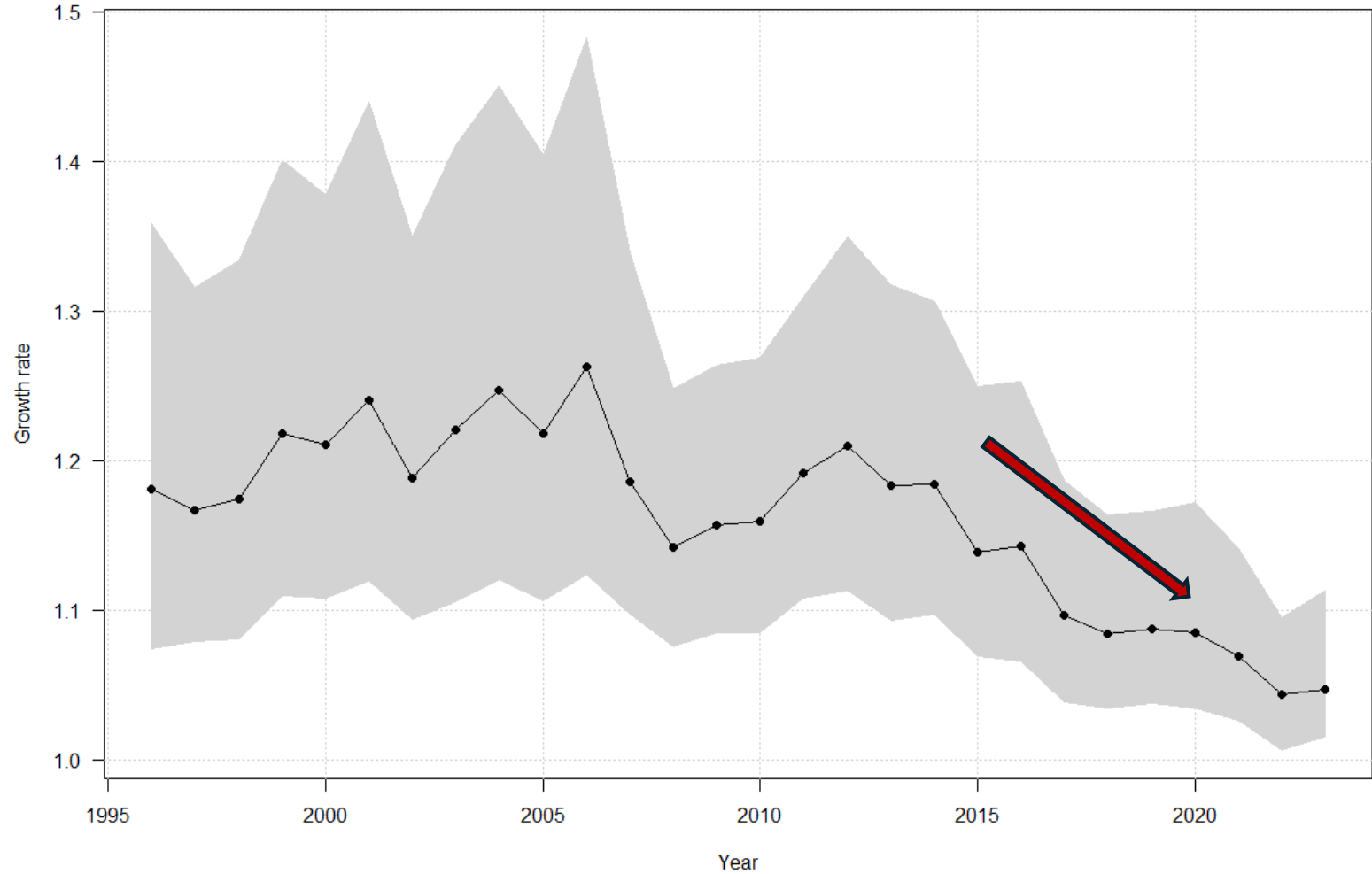
$P(N > 70k) = 88\%$



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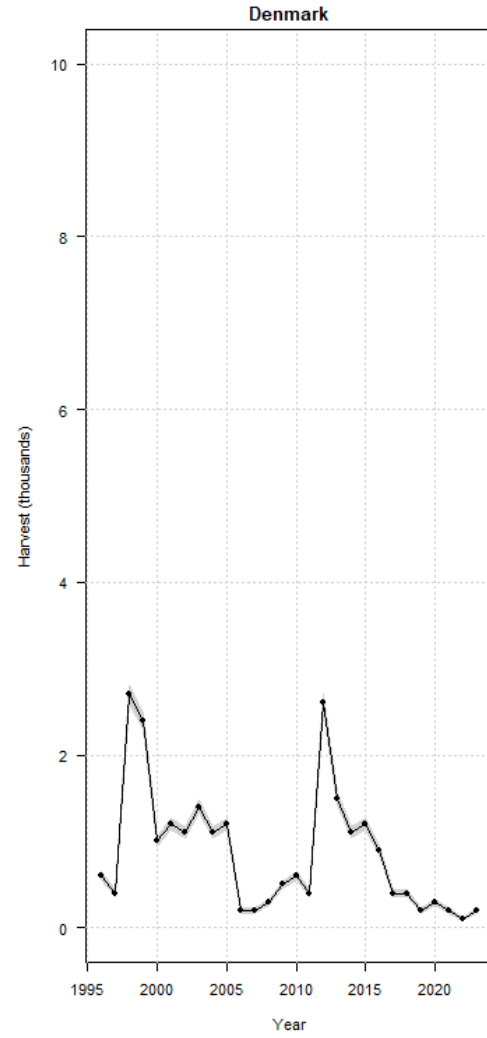
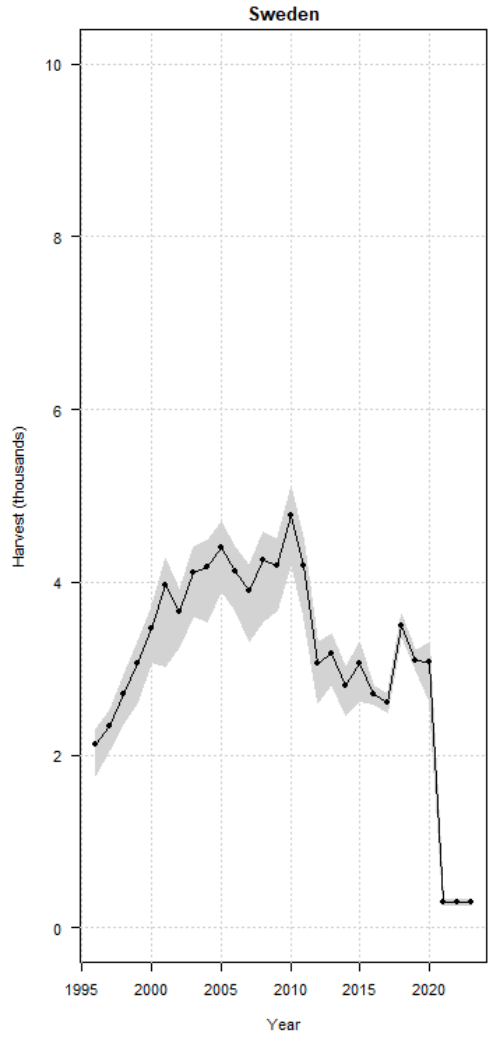
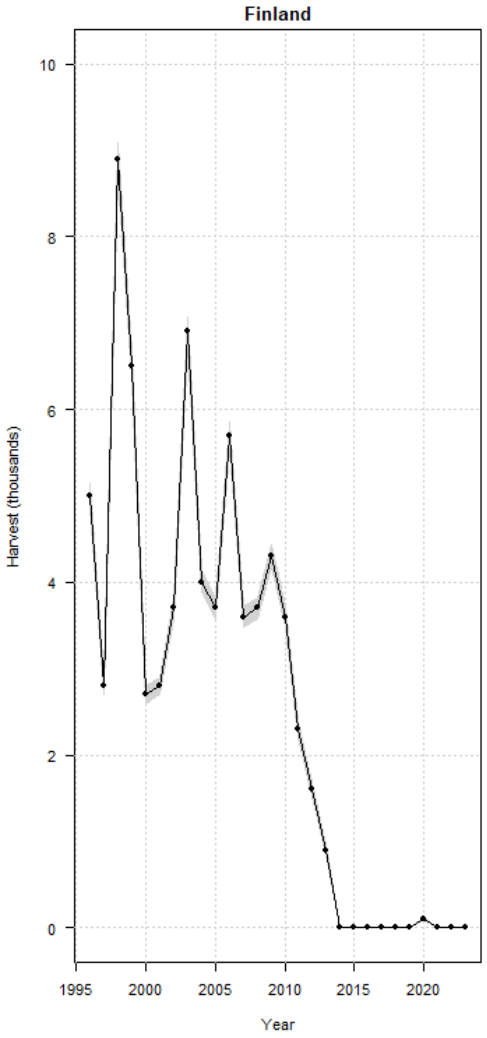
## Finland and NW Russia/Sweden, Denmark and Germany (“Central”)



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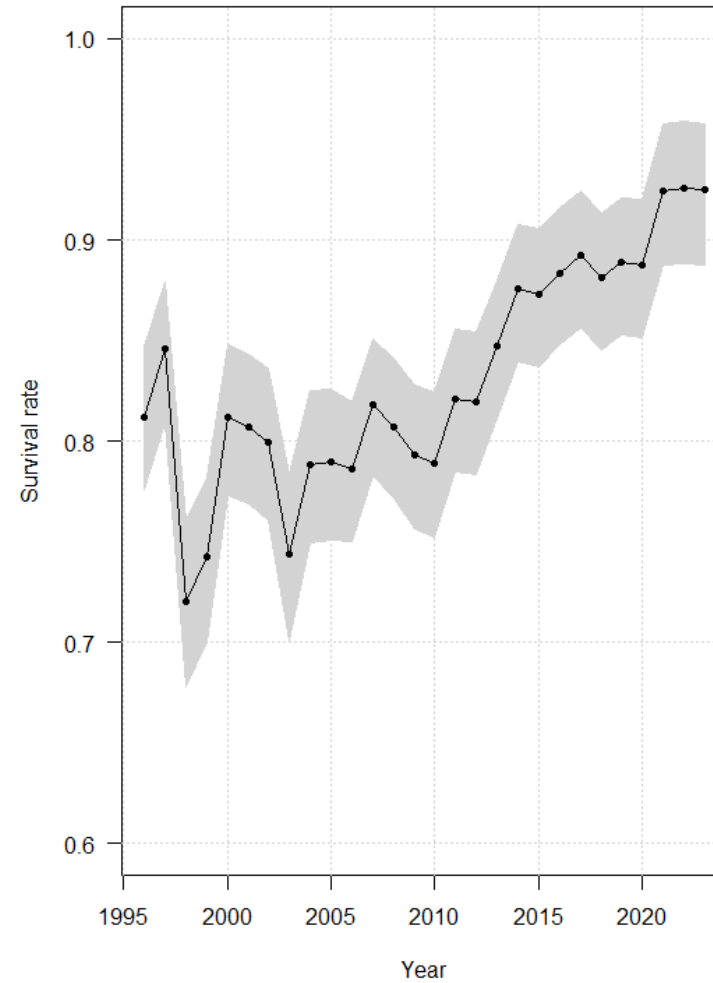
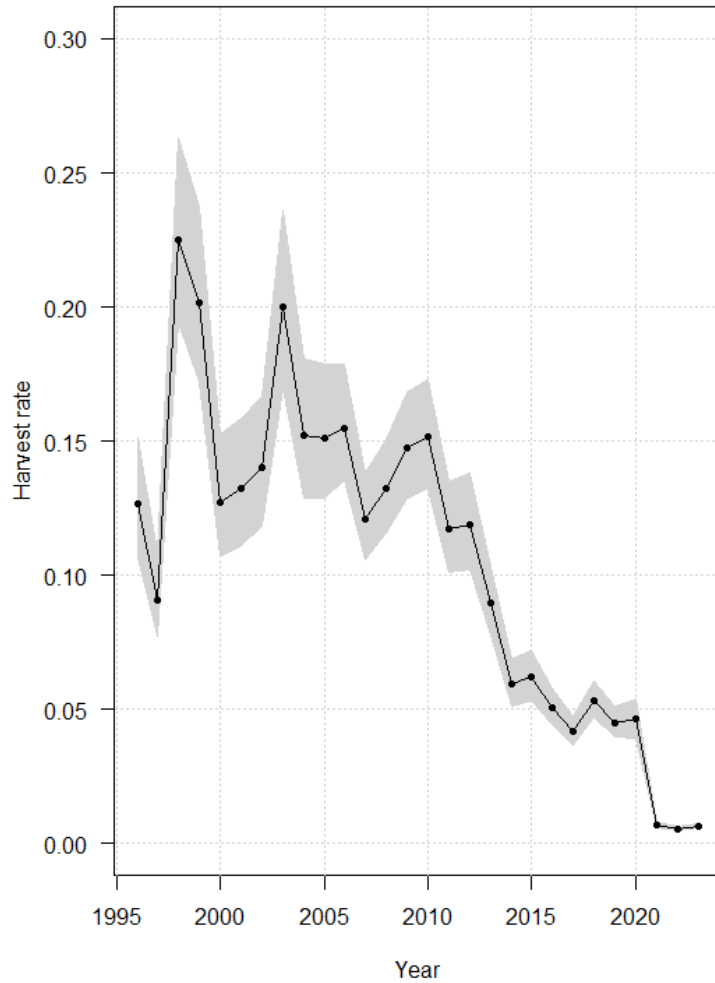
## Finland and NW Russia/Sweden, Denmark and Germany ("Central")



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## Finland and NW Russia/Sweden, Denmark and Germany (“Central”)



## Management guidance

- “Western Unit” too small to harvest
- “Eastern Units” subject to unknown harvests
- “Central Unit”
  - March 2024 population = 75,363
  - Conservation goal 60,000 – 80,000
  - Mean harvest in 2022 & 2023 = 453 birds
  - With a harvest of 1,000 over next 2 years, population expected to remain stable



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## Conclusions

- “Western Unit” abundance remains very low
- Status of “Eastern Units” being informed by ongoing Russian research
- “Central Unit”
  - Bias in spring and autumn counts ca. -15%; ongoing GPS tagging urged
  - Although population growth has slowed, currently an 88% probability that the spring population of 75,363 exceeds the median conservation target
  - At the median target of 70k, the harvestable surplus is 5,200